

About technical terms of oil shale and shale oil

Reinsalu, Enno; Aarna, Indrek Oil shale 2015 / p. 291-292 https://artiklid.elnet.ee/record=b2750696*est
<https://doi.org/10.3176/oil.2015.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

About the gasification of kukersite oil shale

Kann, Jüri; Raukas, Anto; Siirde, Andres Oil shale 2013 / p. 283-293 : ill <https://doi.org/10.3176/oil.2013.2S.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Abrupt Alnus population decline at the end of the first millennium CE in Europe – The event ecology, possible causes and implications

Latalowa, Malgorzata; Święta-Musznicka, Joanna; Słowinski, Michal; **Stivrinš, Normunds** The Holocene 2019 / p. 1335-1349 : ill <https://doi.org/10.1177/0959683619846978> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An abrupt change in winds that may radically affect the coasts and deep sections of the Baltic Sea

Soomere, Tarmo; Bishop, Steven R.; **Viška, Maija; Räämet, Andrus** Climate research 2015 / p. 163-171 : ill <https://doi.org/10.3354/cr01269> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Abrupt rise in the contribution of CH₄ derived carbon to benthic secondary production of a shallow hemiboreal/boreal lake

Belle, Simon; Tönno, Ilmar; **Stivrinš, Normunds**; Freiberg, Rene; **Veski, Siim** Journal of quaternary science 2018 / p. 969-976 : ill <https://doi.org/10.1002/jqs.3075> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Accumulation of heavy minerals in the eastern coast of the Gulf of Riga, south-western Estonia

Järvelill, Johanna-lisebel; **Kleesment, Anne**; Raukas, Anto Bulletin of the Geological Society of Finland 2015 / p. 67 - 78 <https://doi.org/10.17741/bgsf/87.2.002> [Journal metrics at Scopus](#) [Article at Scopus](#)

Accumulation of metals and changes in composition of freshwater lake organic sediments during the Holocene

Stankevica, Karina; Vincevica-Gaile, Zane; Klavins, Maris; Kalnina, Laimdota; **Stivrinš, Normunds**; Grudzinska, Ieva; **Kaup, Enn** Chemical geology 2020 / art. 119502, 14 p. : ill <https://doi.org/10.1016/j.chemgeo.2020.119502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Accuracy assessment of RTK-GNSS equipped UAV conducted as-built surveys for construction site modelling

Varbla, Sander; Puust, Raido; Ellmann, Artu Survey review 2021 / p. 477-492 <https://doi.org/10.1080/00396265.2020.1830544> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Accurate sea surface heights from Sentinel-3A and Jason-3 retracers by incorporating high-resolution marine geoid and hydrodynamic models

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Journal of geodetic science 2021 / p. 58-74 <https://doi.org/10.1515/jogs-2020-0120> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An acid-free method of microfossil extraction from clay-rich lithologies using the surfactant Rewoquat

Jaročowska, Emilia; **Tonarová, Petra**; Munnecke, Axel; Ferrová, Lenka; Sklenář, Jan; Vodrážková, Stanislava Palaeontologia Electronica 2013 <https://doi.org/10.26879/382> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Activation of oil shale ashes for sulfur capture

Trass, Olev; **Kuusik, Rein, keemik; Kaljuvee, Tiit** Oil shale 2018 / p. 375-385 : ill <https://doi.org/10.3176/oil.2018.4.07>
http://www.kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-375-385.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advancements in underground mine surveys by using SLAM-enabled handheld laser scanners

Ellmann, Artu; Kütimets, Kaia; Varbla, Sander; Väli, Erik; Kanter, Sander Survey review 2022 / p. 363-374 <https://doi.org/10.1080/00396265.2021.1944545> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advances in nonlinear wave research for hazard warning and mitigation

Didenkulova, Irina; Grimshaw, Roger; Slunyaev, Alexey; Tinti, Stefano Natural hazards 2016 / p. S431-S436 <https://doi.org/10.1007/s11069-016-2633-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aeolian activity on the northern coast of Lake Peipsi, North-Eastern Estonia

Ratas, Urve; Raukas, Anto; Ravis, Reimo; **Tavast, Elvi** Journal of Coastal Research 2015 / p. 25-35 <https://doi.org/10.2112/JCOASTRES-D-12-00231.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Age calibration of the lower ordovician Fezouata Lagerstätte, Morocco

Lefebvre, Bertrand; Gutiérrez-Marco, Juan C.; **Lehnert, Oliver**; Martin, Emmanuel L.O.; Nowak, Hendrik; Akodad, Mustapha; El Hariri, Khadija; Servais, Thomas Lethaia 2018 / p. 296 - 311 <https://doi.org/10.1111/let.12240> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Age constraints of the Hungshihyen Formation (Early to Middle Ordovician) on the western margin of the Yangtze Platform, South China : new insights from chitinozoans

Liang, Yan; Wang, Guang-Xu; Servais, Thomas; Wu, Rong-Chang; Nölvak, Jaak; Hints, Olle; Weif, Xin; Gong, Fang-Yi Palaeoworld 2020 / p. 66-74 : ill <https://doi.org/10.1016/j.palwor.2019.05.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Age of the Kalana Lagerstätte, early Silurian, Estonia

Männik, Peep; Tinn, Oive; Loydell, David, K.; Ainsaar, L. Estonian journal of earth sciences 2016 / p. 105-114 : ill <https://doi.org/10.3176/earth.2016.10> https://artiklid.elnet.ee/record=b2778946*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Age of the silurian lower red beds in South China : stratigraphical evidence from the sanbaiti section

Chen, Zhongyang; Männik, Peep; Fan, Junxuan; Wang, Chengyuan; Chen, Qing; Sun, Zongyuan; Chen, Dongyang; Li, Chao Journal of earth science 2021 / p. 524–533 : ill <https://doi.org/10.1007/s12583-020-1350-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Age of the Silurian Wuxiahe Formation in Langao, Northwest China : New conodont data

Chen, Zhong-Yang; Männik, Peep; Tang, Peng; Wang, Jian; Ma, Jun-Ye; Luan, Xiao-Cong Palaeoworld 2021 / p. 649-658 : ill <https://doi.org/10.1016/j.palwor.2020.12.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Age, facies, and geometry of the Sandbian/Katian (Upper Ordovician) pelmatozoan-bryozoan-receptaculitid reefs of the Vasalemma Formation, northern Estonia

Kröger, Björn; Hints, Linda; Lehnert, Oliver Facies 2014 / p. 963-986 : ill <https://doi.org/10.1007/s10347-014-0410-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Age, genesis, and seismogenic deformations of the vuoksa river terraces on the karelian isthmus (Northwestern Russia)

Shvarev, S.; Subetto, D.; Zaretskaya, N.; Molodkov, Anatoli Russian geology and geophysics 2021 / 21 p. : ill <https://doi.org/10.2113/RGG20204229> [Journal metrics at Scopus](#) [Article at Scopus](#)

Aggregate production from burnt oil shale and CO2 - an Estonian perspective

Berber, Hakan; Tamm, Kadriann; Leinus, Mari-Liis; Kuusik, Rein, keemik; Uibu, Mai Oil Shale 2019 / p. 431-447 : ill <https://doi.org/10.3176/oil.2019.3.05> http://www.kirj.ee/32493/?tpl=1061&c_tpl=1064 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

AI systems to ensure cyber security in space

Pelin Manti, Nebile; Carlo, Antonio; Markova, Rada; Jha, Devanshu; Breda, Paola; Abdin, Adam; Boschetti, Nicolo IAC 2022 congress proceedings 2022 / art. 70423 <https://dl.iafastro.directory/event/IAC-2022/paper/70423/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Air change efficiency of room ventilation units

Mikola, Alo; Rehand, Juhan; Kurnitski, Jarek E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 01017, 8 p <https://doi.org/10.1051/e3sconf/201911101017> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Aliphatic dicarboxylic acids from oil shale organic matter - historic review

Veski, Rein; Veski, Siim Oil shale 2019 / p. 76-95 : phot <https://doi.org/10.3176/oil.2019.1.06> http://www.kirj.ee/public/oilshale_pdf/2019/issue_1/OS-2019-1-76-95.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An assessment of the scope and effectiveness of soft measures to handle plastic pollution in the Baltic Sea Region

Filho, Walter Leal; Voronova, Viktoria; Barbir, Jelena; Moora, Harri; Klõga, Marija; Kliučininkas, Linas; Klavins, Maris; Tirca, Diana-Mihaela Marine pollution bulletin 2024 / art. 117090, 10 p. : ill <https://doi.org/10.1016/j.marpolbul.2024.117090> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An investigation of anticyclonic circulation in the southern Gulf of Riga during the spring period

Soosaar, Edith; Maljutenko, Ilja; Raudsepp, Urmas; Elken, Jüri Continental shelf research 2014 / p. 75-84 : ill <https://doi.org/10.1016/j.csr.2014.02.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An investigation of image processing techniques for substrate classification based on dominant grain size using RGB images from UAV

Arif, Mohammad Shafi M.; Gülch, Eberhard; Tuhtan, Jeffrey Andrew; Thumser, Philipp; Haas, Christian International journal of remote sensing 2017 / p. 2639-2661 : ill <https://doi.org/10.1080/01431161.2016.1249309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of borehole geophysical data from the Mora area of the Siljan Ring impact structure, central Sweden

Muhamad, Harbe; Juhlin, Christopher; Lehnert, Oliver; Meinhold, Guido; Andersson, Magnus; Garcia Juanatey, Maria; Malehmir, Alireza Journal of Applied Geophysics 2015 / p. 183 - 196 <https://doi.org/10.1016/j.jappgeo.2015.02.019> [Journal metrics at Scopus](#)

Analysis of causes of the end of service life of a spray polyurethane foam and polyurea roof

Kalamees, Targo; Ilomets, Simo; Põldaru, Mattias; Klõšeiko, Paul; Kallavus, Urve; Rosenberg, Margit; Õiger, Karl E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 15002, 6 p. : ill <https://doi.org/10.1051/e3sconf/202017215002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Analysis of greenhouse gas emissions from Estonian oil shale based energy production processes. Life cycle energy analysis perspective

Siirde, Andres; Eldermann, Meelis; Rohumaa, Priit; **Gušča, Julija** Oil shale 2013 / p. 268-282 : ill https://artiklid.elnet.ee/record=b2631747*est <https://doi.org/10.3176/oil.2013.2S.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of hull performance on fast patrol boat with an extended study of survivability under damaged conditions

Pratama, Angga Sifta; Prabowo, Aditya Rio; Muhayat, Nurul; **Putranto, Teguh;** Tuswan, Tuswan IOP Conference Series: Earth and Environmental Science ; 1166, 1 2023 / art. 012046 <https://doi.org/10.1088/1755-1315/1166/1/012046> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Analysis of natural background and dredging-induced changes in TSM concentration from MERIS images near commercial harbours in the Estonian coastal sea

Siitam, Laura; Sipelgas, Liis; Uiboupin, Rivo International journal of remote sensing 2014 / p. 6764-6780 : ill <https://doi.org/10.1080/01431161.2014.963898> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of the options of modernization of roller-bit drilling machines with a submersible steamer

Yungmeister, Dmitry A.; **Krupenski, Igor;** Lavrenko, Sergey A. Journal of Mining Institute 2018 / p. 321 - 325 <https://doi.org/10.25515/pmi.2018.3.321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analyzing energy flexibility by demand response in a Finnish district heated apartment building

Ju, Yuchen; Jokisalo, Juha; Kosonen, Risto; Kauppi, Ville; Janßen, Philipp E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 09006, 7 p. : ill <https://doi.org/10.1051/e3sconf/202124609006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Analytical solutions for tsunami waves generated by submarine landslides in narrow bays and channels

Didenkulova, Irina; Pelinovsky, Efim Pure and applied geophysics 2013 / p. 1661-1671 : ill <https://doi.org/10.1007/s00024-012-0510-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Anharmonic vibrational spectrum and experimental matrix isolation study of thioformic acid conformers-potential candidates for molecular cloud and solar system observations?

Lignell, A.; **Osadchuk, Irina;** Rasanen, M.; Lundell, J. The astrophysical journal 2021 / 7 p. : ill <https://doi.org/10.3847/1538-4357/ac06d0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Annual performance analysis of heat emission in radiator and underfloor heating systems in the European reference room

Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 04009, 8 p <https://doi.org/10.1051/e3sconf/201911104009> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Anthropogenic impact on a seacoast landscape during the last 1300 years in central Latvia, Northeastern Europe

Stivrinš, Normunds; Doniņa, Inga; Auns, Muntis; **Blaus, Ansis; Liiv, Merlin;** Steinberga, Dace; Jasiunas, Nauris; Grudzinska, Ieva Geoarchaeology 2023 / p. 466-481 : ill <https://doi.org/10.1002/gea.21961> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Applicability of a bioelectronic cardiac monitoring system for the detection of biological effects of pollution in bioindicator species in the Gulf of Finland

Kholodkevich, Sergei; Kuznetsova, Tatiana; Sharov, Andrey; Kurakin, Anton; **Lips, Urmas; Kolesova, Natalja;** Lehtonen, Kari K. Journal of marine systems 2017 / p. 151-158 : ill <https://doi.org/10.1016/j.jmarsys.2016.12.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Applicability of SAR-based wave retrieval for wind-wave interaction analysis in the fetch-limited Baltic

Rikka, Sander; Uiboupin, Rivo; Alari, Victor International journal of remote sensing 2017 / p. 906-922 : ill <https://doi.org/10.1080/01431161.2016.1271472> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of the LSTM models for Baltic Sea wave spectra estimation

Simon, Martin; Rikka, Sander; Nõmm, Sven; Alari, Victor IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 2023 / p. 83-88 : ill <https://doi.org/10.1109/JSTARS.2022.3220882> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of the wavelet transform for feature extraction in the analysis of hyperspectral laser-induced fluorescence data

Sobolev, Innokenti; Babichenko, Sergey International journal of remote sensing 2013 / p. 7218-7235 : ill

<https://doi.org/10.1080/01431161.2013.817714> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Applications of airborne laser scanning for determining marine geoid and surface waves properties

Varbla, Sander; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille European journal of remote sensing 2021 / p. 558–568

<https://doi.org/10.1080/22797254.2021.1981156> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Applying the correction for undecomposed carbonates to gross calorific values of oil shales from different deposits

Pihl, Olga; Tšepelevitš, Maria; Burko, Maria; Siirde, Andres Oil shale 2019 / p. 250–256 : ill

http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-250-256.pdf <https://doi.org/10.3176/oil.2019.2S.13> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Archaean phosphates: a case study of transformation processes in apatite from the Barberton greenstone belt

Birski, Łukasz; Slaby, Ewa; Wirth, Richard; Koch-Müller, M.; Simon, K.; Wudarska, Alicja; Lepland, Aivo Contributions to mineralogy and petrology 2019 / 25 p. : ill <https://doi.org/10.1007/s00410-019-1560-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The asaphid trilobite fauna : its rise and fall in baltica

Pärnaste, Helje; Bergström, Jan Palaeogeography, Palaeoclimatology, Palaeoecology 2013 / p. 64 - 77

<https://doi.org/10.1016/j.palaeo.2013.06.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aspects of kerogen oxidative dissolution in subcritical water using oxygen from air

Kaldas, Kristiina; Niidu, Allan; Preegel, Gert; Uustalu, Jaan Mihkel; Muldma, Kati; Lopp, Margus Oil shale 2021 / p. 199-214 :

ill <https://doi.org/10.3176/oil.2021.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessing the eutrophication status of Estonian marine waters

Stoicescu, Stella-Theresa; Lips, Urmas; Lips, Inga Фундаментальная и прикладная гидрофизика 2018 / с. 62-74

<https://doi.org/10.7868/S2073667318020053> http://hydrophysics.info/wp-content/uploads/2018/06/Stoicescu_%D0%B0.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Assessing the geochemical variability of oil shale in the Attarat Um Ghudran deposit, Jordan

Voolma, Margus; Soesoo, Alvar; Puura, Väino; Hade, Sigrid; Aosaar, Hardi Estonian journal of earth sciences 2016 / p. 61-74 : ill

<https://doi.org/10.3176/earth.2016.06> https://artiklid.elnet.ee/record=b2778896*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of along-normal uncertainties for application to terrestrial laser scanning surveys of engineering structures

Mill, Tarvo; Ellmann, Artu Survey review 2019 / p. 1-16 : ill <https://doi.org/10.1080/00396265.2017.1361565> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of downward draught in high-glazing facades in cold climates – experimental and CFD study into draught control with a 21-type radiator

Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art.

02002, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124602002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea)

Stoicescu, Stella-Theresa; Lips, Urmas; Liblik, Taavi Frontiers in marine science 2019 / art. 54, 16 p. : ill

<https://doi.org/10.3389/fmars.2019.00054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of marine geoid models by ship-borne GNSS profiles

Varbla, Sander; Ellmann, Artu; Märdla, Silja; Gruno, Anti Geodesy and cartography 2017 / p. 41-49 : ill

<https://doi.org/10.3846/20296991.2017.1330771> [Journal metrics at Scopus](#) [Article at Scopus](#)

Assessment of paleo-recharge under the Fennoscandian Ice Sheet and its impact on regional groundwater flow in the northern Baltic Artesian Basin using numerical model

Sterckx, Arnaud; Lemieux, Jean-Michel; Vaikmäe, Rein Hydrogeology journal 2018 / p. 2793–2810 : ill <https://doi.org/10.1007/s10040-018-1838-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of the economic regulation of network industries : oil shale value chain in Estonia

Uukkivi, Raigo; Koppel, Ott Oil shale 2020 / p. 158-176 : ill <https://doi.org/10.3176/oil.2020.2.05> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Assignment of a synthetic population for activity-based modeling employing publicly available data

Agriesti, Serio Angelo Maria; Roncoli, Claudio; Nahmias-Biran, Bat-Hen ISPRS International Journal of Geo-Information 2022 / Art.

ASTM D86 distillation in the context of average boiling points as thermodynamic property of narrow boiling range oil fractions

Rannaveski, Rivo; Listak, Madis; Oja, Vahur Oil shale 2018 / p. 254-264 : ill <https://doi.org/10.3176/oil.2018.3.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Atmospheric forcing controlling inter-annual nutrient dynamics in the open Gulf of Finland

Lehtoranta, Jouni; Savchuk, Oleg P.; **Elken, Jüri** Journal of marine systems 2017 / p. 4-20 : ill <https://doi.org/10.1016/j.jmarsys.2017.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Authigenesis of biomorphic apatite particles from Benguela upwelling zone sediments off Namibia: The role of organic matter in sedimentary apatite nucleation and growth

Mänd, Kaarel; Kirsimäe, Kalle; **Lepland, Aivo**; Lumiste, Kaarel Geobiology 2018 / p. 640-658 : ill <https://doi.org/10.1111/gbi.12309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bacterial communities associated with healthy and diseased (skeletal growth anomaly) reef coral *Acropora cytherea* from Palk Bay, India

Rajasabapathy, Raju; **Ramasamy, Kesava Priyan**; Manikandan, Balakrishnan; Mohandass, Chellandi; James, Rathinam Arthur Frontiers in marine science 2020 / art. 92, 8 p. : ill <https://doi.org/10.3389/fmars.2020.00092> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Baltic Sea operational oceanography — a stimulant for regional earth system research

She, Jun; Meier, H.E. Markus; Darecki, Mirosław; Goringe, Patrick; Huess, Vibeke; **Kõuts, Tarmo**; Reissmann, Jan Hinrich; Tuomi, Laura Frontiers in Earth Science 2020 / art. 7 <https://doi.org/10.3389/feart.2020.00007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Basin-wide variations in trends in water level maxima in the Baltic Sea

Pindsoo, Katri; Soomere, Tarmo Continental shelf research 2020 / art. 104029 ; 12 p <https://doi.org/10.1016/j.csr.2019.104029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A bayesian estimation of the Milky Way's circular velocity curve using Gaia DR3

Pöder, Sven; Benito, María; Pata, Joosep; Kipper, Rain; Ramler, Heleri; Hütsi, Gert; Kolka, Indrek; Thomas, Guillaume F. Astronomy and Astrophysics 2023 / art. A134 <https://doi.org/10.1051/0004-6361/202346474> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bayesian reconstruction of past land cover from pollen data : model robustness and sensitivity to auxiliary variables

Pirzamanbein, Behnaz; **Poska, Anneli**; Lindström, Johan Earth and Space Science 2020 / Art. e2018EA00057 <https://doi.org/10.1029/2018EA000547> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bayesian statistical ionospheric tomography improved by incorporating ionosonde measurements

Norberg, Johannes; Virtanen, Ilkka I.; **Roininen, Lassi**; Vierinen, Juha; **Orispää, Mikko**; Kauristie, Kirsti; **Lehtinen, Markku S.** Atmospheric measurement techniques 2016 / p. 1859-1869 : ill <https://doi.org/10.5194/amt-9-1859-2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A big wave at Pouto, Kaipara Harbour, New Zealand

Parnell, Kevin Ellis Journal of Coastal Research 2020 / p. 291-294 <https://doi.org/10.2112/JCR-SI101-053.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bimodal distribution patterns of motile phytoplankton in relation to physical processes and stratification (Gulf of Finland, Baltic Sea)

Lips, Urmas; Lips, Inga Deep-sea research part II: Topical studies in oceanography 2014 / p. 107-119 : ill <https://doi.org/10.1016/j.dsr2.2013.05.029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A bio- and chemostratigraphic search for the Mid-Ludfordian Carbon Isotope Excursion interval in the Ludlow of the Ohesaare core, Estonia

Kaljo, Dimitri; Martma, Tõnu; Märss, Tiit; Nestor, Viit-Kai; Viira, Viive Estonian journal of earth sciences 2022 / p. 44-60 : ill <https://doi.org/10.3176/earth.2022.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A bio-chemostratigraphical test of the synchronicity of biozones in the upper Silurian of Estonia and Latvia with some implications for practical stratigraphy

Kaljo, Dimitri; Einasto, Rein; Martma, Tõnu; Märss, Tiit; Nestor, Viit-Kai; Viira, Viive Estonian journal of earth sciences 2015 / p. 267-283 : ill https://artiklid.elnet.ee/record=b2750825*est <https://doi.org/10.3176/earth.2015.33> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioclastrations in Upper Ordovician bryozoans from northern Estonia

Vinn, Olev; Ernst, Andrej; **Toom, Ursula** Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2018 / p. 113-121
<https://doi.org/10.1127/njgpa/2018/0752> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biodiversity of the Silurian osteostracans of the East Baltic

Märss, Tiiu; Afanassieva, Olga; Blom, Henning Earth and environmental science transactions of the Royal Society of Edinburgh 2014 / p. 73-148 : ill <https://doi.org/10.1017/S1755691014000218> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioerosion of inorganic hard substrates in the Silurian of Estonia (Baltica)

Vinn, Olev; **Toom, Ursula** GFF 2016 / p. 306-310 : ill <https://doi.org/10.1080/11035897.2015.1076513> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biogeography of the Ordovician and Silurian stromatoporoidea

Nestor, Heldur; Webby, Barry Deane Early palaeozoic biogeography and palaeogeography 2013 / p. 67 - 79
<https://doi.org/10.1144/M38.7> <https://www.lyellcollection.org/doi/abs/10.1144/M38.7> [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Biological and geochemical records of human-induced eutrophication in a small hard-water lake

Mikomägi, Annika; Koff, Tiiu; **Martma, Tõnu**; Marzecova, Agata Boreal environment research 2016 / p. 513-527 : ill
<http://www.borenv.net/BER/ber215-6.htm> <https://helda.helsinki.fi/server/api/core/bitstreams/423cb196-2290-4f57-b64f-6b4ba7b5a6ca/content>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biostratigraphy, shoreline changes and origin of the Limnea Sea lagoons in northern Estonia: The case study of Lake Harku

Grudzinska, Ieva; **Saarse, Leili**; **Vassiljev, Jüri**; **Heinsalu, Atko** Baltica 2014 / p. 15-24 : ill <https://doi.org/10.5200/baltica.2014.27.02>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biotic turnover rates during the Pleistocene-Holocene transition

Stivrinš, Normunds; Soininen, Janne; **Amon, Leeli**; **Reitalu, Triin**; **Veski, Siim** Quaternary science reviews 2016 / p. 100-110 : ill
<https://doi.org/10.1016/j.quascirev.2016.09.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Borings and bioclastifications in bryozoans from the Kunda Regional Stage (Darrivilian; Middle Ordovician) of northern Estonia and NW Russia

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2022 / p. 219-225 : map <https://doi.org/10.1127/njgpa/2022/1044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Borings in phosphatized Cambrian siltstone pebbles, Estonia (Baltica)

Vinn, Olev; **Toom, Ursula** Geological magazine 2016 / p. 635-642 : ill <https://doi.org/10.1017/S001675681500076X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Boundary between the Porkuni and Juuru regional stages in the Neitla section, Estonia

Männik, Peep; **Nõlvak, Jaak** Estonian journal of earth sciences 2023 / p. 66-69 : ill <https://doi.org/10.3176/earth.2023.52> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Brachiopod shell thickness links environment and evolution

Balthasar, Uwe; Jin, Jisuo; **Hints, Linda**; Cusack, Maggie Palaeontology 2020 / p. 171-183 : ill <https://doi.org/10.1111/pala.12450>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Brief Communication : mapping river ice using drones and structure from motion

Alfredsen, Knut; Haas, Christian; **Tuhtan, Jeffrey Andrew**; Zinke, Peggy The cryosphere 2018 / p. 627-633 : ill
<https://doi.org/10.5194/tc-12-627-2018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Broadleaf deciduous forest counterbalanced the direct effect of climate on Holocene fire regime in hemiboreal/boreal region (NE Europe)

Feurdean, Angelica; **Veski, Siim**; **Amon-Veskimeister, Leeli**; **Heinsalu, Atko**; **Vassiljev, Jüri** Quaternary science reviews 2017 / p. 378-390 : ill <https://doi.org/10.1016/j.quascirev.2017.05.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Building performance indicators and IEQ assessment procedure for the next generation of EPC-s

Võsa, Karl-Villem; **Ferrantelli, Andrea**; Tzanev, Dragomir; Simeonov, Kamen; Camero, Pablo; Espigares, Carlos; Navarro Escudero, Miriam; Quiles, Pedro Vicente; Andrieu, Thibault; Battezzati, Florian; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 13003, 9 p <https://doi.org/10.1051/e3sconf/202124613003> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Business process optimization based on logistics concepts and technologies

Prokopenko, Olha; Dikiy, Alexander; Butenko, Nataliia; Naumenko, Mariya; Dedilova, Tetiana; Miroshnyk, Roman International journal of advanced research in engineering and technology 2020 / p. 184–196
http://www.iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_6/IJARET_11_06_017.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Cadmium in the Eastern Gulf of Finland : concentrations and effects on the mollusk Limecola balthica
Sharov, Andrey; Berezina, Nadezhda; **Kuprijanov, Ivan;** Sladkova, Svetlana; Kamardin, Nikolay; Shigaeva, Tatyana; Kudryavtseva, Valentina; Kholodkevich, Sergei Geochemistry International 2022 / p. 702-710 <https://doi.org/10.1134/S0016702922060076> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Calculation analysis of shale oil and power cogeneration
Lausmaa, Toomas; Ots, Arvo; Poobus, Arvi; Dedov, Andrei Oil shale 2019 / p. 19-31 : ill <https://doi.org/10.3176/oil.2019.1.02>
http://www.kirj.ee/public/oilshale_pdf/2019/issue_1/OS-2019-1-19-31.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Calculation of the amount of Estonian oil shale products from combustion in regular and oxy-fuel mode in a CFB boiler
Konist, Alar; Loo, Lauri; Valtsev, Aleksandr; Maaten, Birgit; Siirde, Andres; Nešumajev, Dmitri; Pihu, Tõnu Oil shale 2014 / p. 211-224 : ill https://artiklid.elnet.ee/record=b2680497*est <https://doi.org/10.3176/oil.2014.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metric at WOS](#) [Article at WOS](#)

Capacity reliability of water distribution systems
Vaabel, Joonas; Koppel, Tiit; Ainola, Leo; Sarv, Laur Journal of Hydroinformatics 2014 / p. 731-741
<https://doi.org/10.2166/hydro.2013.040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Capillary condensation experiment for inverse modelling of porous building materials
Hirsch, Hauke; Heyn, Rüdiger; **Klõšeiko, Paul** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 17003, 7 p. : ill <https://doi.org/10.1051/e3sconf/202017217003> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Carbon accumulation rate in a raised bog in Latvia, NE Europe, in relation to climate warming
Stivriņš, Normunds; Liiv, Merlin; Ozola, Ilze; Reitalu, Triin Estonian journal of earth sciences 2018 / p. 247–258 : ill
<https://doi.org/10.3176/earth.2018.20> http://www.ester.ee/record=b2246661*est
http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2018/issue_4/earth-2018-4-247-258.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon dioxide sequestration in power plant Ca-rich ash waste deposits
Leben, Kristjan; Mõtlep, Riho; Konist, Alar; Pihu, Tõnu; Kirsimäe, Kalle Oil shale 2021 / p. 65–88 : ill
<https://doi.org/10.3176/oil.2021.1.04> https://kirj.ee/wp-content/plugins/kirj/pub/OS-1-2021-65-88_20210222125803.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon isotope chemostratigraphy and conodonts of the Middle-Upper Ordovician succession in the Tungus Basin, Siberian Craton
Ainsaar, Leho; **Männik, Peep;** Dronov, Andrei V.; Izokh, Olga P.; Meidla, Tõnu; Tinn, Oive Palaeoworld 2015 / p. 123-135 : ill
<https://doi.org/10.1016/j.palwor.2015.03.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon prices for meeting the Paris agreement and their impact on key metals
Tost, Michael; **Hitch, Michael William;** Lutter, Stephan; Feiel, Susanne; Moser, Peter The extractive industries and society 2020 / p. 593-599 <https://doi.org/10.1016/j.exis.2020.01.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbonate shelf development and early Paleozoic benthic diversity in Baltica : a hierarchical diversity partitioning approach using brachiopod data
Penny, Amelia; **Hints, Olle;** Kröger, Björn Paleobiology 2022 / p. 44-64 <https://doi.org/10.1017/pab.2021.3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cartography of the Apollo 12 landing site from photogrammetric analysis of surface imagery
Pustõnski, Vladislav-Veniamin Planetary and space science 2021 / art. 105133, 13 p. : ill <https://doi.org/10.1016/j.pss.2020.105133> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A case study on microlitter and chemical contaminants: Assessing biological effects in the southern coast of the Gulf of Finland (Baltic sea) using the mussel Mytilus trossulus as a bioindicator
Kuprijanov, Ivan; Buhhalko, Natalja; Eriksson, Ulrika; Sjöberg, Viktor; Rotander, Anna; **Kolesova, Natalja; Lipp, Maarja;** **Buschmann, Fred;** Hashmi, Arslan; **Liblik, Taavi;** Lehtonen, Kari K. Marine environmental research 2024 / art. 106628
<https://doi.org/10.1016/j.marenvres.2024.106628> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Causes of the extensive hypoxia in the Gulf of Riga in 2018
Stoicescu, Stella-Theresa; Laanemets, Jaan; Liblik, Taavi; Skudra, Maris; **Samlas, Oliver; Lips, Inga; Lips, Urmas**

(Ca-Y)-phosphate inclusions in apatite crystals from Archean rocks from the Barberton Greenstone Belt and Pilbara Craton : First report of natural occurrence

Birski, Łukasz; Wirth, Richard; Slaby, Ewa; Wudarska, Alicja; **Lepland, Aivo** American mineralogist 2018 / p. 307–313 : ill <https://doi.org/10.2138/am-2018-6150> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Centimetre-scale variability of redox-sensitive elements in Tremadocian black shales from the eastern Baltic Palaeobasin

Hints, Rutt; Soesoo, Alvar; Voolma, Margus; Tarros, Siim; Kallaste, Toivo; Hade, Sigrid Estonian journal of earth sciences 2014 / p. 233-239 : ill https://artiklid.elnet.ee/record=b2705856*est <https://doi.org/10.3176/earth.2014.24> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The challenge of comparing pollen-based quantitative vegetation reconstructions with outputs from vegetation models - a European perspective

Dallmeyer, Anne; **Poska, Anneli**; Marquer, Laurent; Seim, Andrea; Gaillard, Marie-José Climate of the Past 2023 / p. 1531 - 1557 <https://doi.org/10.5194/cp-19-1531-2023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changes in heavy metal concentrations in the sediments of the Gulf of Finland over two decades

Vallius, Henry; **Alliksaar, Tiiu**; Suuroja, Sten Estonian journal of earth sciences 2022 / p. 177-188 : ill <https://doi.org/10.3176/earth.2022.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characteristic properties of different vessel wake signals

Didenkulova, Irina; Sheremet, Alex; **Torsvik, Tomas**; **Soomere, Tarmo** Journal of coastal research 2013 / p. 213-218 : ill <https://doi.org/10.2112/SI65-037> <https://bioone.org/journals/journal-of-coastal-research/volume-65/issue-sp1/SI65-037.1/Characteristic-properties-of-different-vessel-wake-signals/10.2112/SI65-037.1.short> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Characteristics and inter-annual changes in temperature, salinity and density distribution in the Gulf of Riga

Skudra, Maris; **Lips, Urmas** Oceanologia 2017 / p. 37-48 : ill <https://doi.org/10.1016/j.oceano.2016.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characteristics of cyclones causing extreme sea levels in the northern Baltic Sea

Post, Piia; **Kõuts, Tarmo** Oceanologia 2014 / p. 241-258 <https://doi.org/10.5697/oc.56-2.241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of oil shale kerogen semi-coke and its application to remove chemical pollutants from aqueous solutions

Lees, Heidi; **Jõul, Piia**; **Pikkor, Heliis**; **Järvik, Oliver**; **Mets, Birgit**; **Konist, Alar** Oil shale 2023 / p. 115-132 : ill <https://doi.org/10.3176/oil.2023.2.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of the pyrolytic water from shale oil industry

Maaten, Birgit; **Järvik, Oliver**; **Loo, Lauri**; **Konist, Alar**; **Siirde, Andres** Oil shale 2018 / p. 365-374 : ill http://kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-365-374.pdf <https://doi.org/10.3176/oil.2018.4.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemical and physical characterization of oil shale combustion emissions in Estonia

Aurela, Minna; Mylläri, Fanni; **Konist, Alar**; Saarikoski, Sanna; Olin, Miska; Simonen, Pauli; Bloss, Matthew; **Nešumajev, Dmitri**; Salo, Laura; Maasikmets, Marek; Sipilä, Mikko; Maso, Mikka Dal; Keskinen, Jorma; Timonen, Hilikka; Rönkkö, Topi Atmospheric Environment: X 2021 / art. 100139, 9 p. : ill <https://doi.org/10.1016/j.aeaoa.2021.100139> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemical composition of the mineral matter of the Attarat Um Ghudran oil shale, Central Jordan

Puura, Väino; **Soesoo, Alvar**; **Voolma, Margus**; **Hade, Sigrid**; Aosaar, Hardi Oil shale 2016 / p. 18-30 : ill https://artiklid.elnet.ee/record=b2760695*est <https://doi.org/10.3176/oil.2016.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemical weathering east and west of the emerging Caledonides in the Silurian – Early Devonian, with implications for climate

Kiipli, Enli; **Kiipli, Tarmo**; **Kallaste, Toivo**; **Märss, Tiiu** Canadian journal of earth sciences 2016 / p. 774-780 : ill <https://doi.org/10.1139/cjes-2015-0156> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chironomidae-based inference model for mean July air temperature reconstructions in the eastern Baltic area

Bakumenko, Varvara; **Poska, Anneli**; Plociennik, Mateusz; Gasteveciene, Neringa; Kotrys, Bartosz; Luoto, Tomi P.; Belle, Simon; **Veski, Siim** Boreas 2024 / p. 401 - 414 <https://doi.org/10.1111/bor.12655> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CHITDB : a database for documenting and analysing diversification of Ordovician-Silurian chitinozoans in the Baltic region

Hints, Olle; Antonovits, Liina; Bauert, Garmen; Nestor, Viuu; Nõlvak, Jaak; Tammekänd, Mairi Lethaia 2018 / p. 218 - 227
<https://doi.org/10.1111/let.12249> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chitinozoan biostratigraphy in the Haljala Regional Stage, Upper Ordovician: A high-resolution approach from NE Estonia

Bauert, Garmen; Nõlvak, Jaak; Bauert, Heikki GFF 2014 / p. 26-29 : ill <https://doi.org/10.1080/11035897.2013.857715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chitinozoan diversity in the East Baltic Silurian: First results of a quantitative stratigraphic approach with CONOP

Paluveer, Liina; Nestor, Viuu-Kai; Hints, Olle GFF 2014 / p. 198-202 : ill <https://doi.org/10.1080/11035897.2013.873987> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chitinozoans and scolecodonts from the Silurian and Devonian of Japan

Vandenbroucke, Thijs R. A.; Hints, Olle; Williams, Mark; Männik, Peep Island Arc 2019 / art. e12294, 13 p. : ill <https://doi.org/10.1111/iar.12294> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chitinozoans with “skirt”: Ultrastructure and palaeoecological implications of carina in Cyathochitina Eisenack, 1955

Wang, Wenhui; Liang, Yan; Lyu, Qiao; Hints, Olle; Chen, Shefa; Nõlvak, Jaak Palaeogeography, palaeoclimatology, palaeoecology 2021 / art. 110348, 16 p. : ill <https://doi.org/10.1016/j.palaeo.2021.110348> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chlorine isotope composition of apatite from the >3.7 Ga isua supracrustal belt, SW Greenland

Wudarska, Alicja; Slaby, Ewa; Wiedenbeck, Michael; Birska, Łukasz; Wirth, Richard; Götze, Jens; Lepland, Aivo; Kusebauch, Christof; Kocjan, Izabela Minerals 2020 / Art. 27 <https://doi.org/10.3390/min10010027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate change is rapidly deteriorating the climatic signal in Svalbard glaciers

Spolaor, Andrea; Scoto, Federico; Larose, Catherine; Barbaro, Elena; Burgay, Francois; Bjorkman, Mats P.; Cappelletti, David; Dallo, Federico; de Blasi, Fabrizio; Divine, Dmitry V.; Dreossi, Giuliano; Gabrieli, Jacopo; Isaksson, Elisabeth; Kohler, Jack; Martma, Tõnu; Schmidt, Louise S.; Schuler, Thomas V.; Stenni, Barbara; Turetta, Clara; Luks, Bartłomiej; Casado, Mathieu; Gallet, Jean-Charles The cryosphere 2024 / p. 307–320 : ill <https://doi.org/10.5194/tc-18-307-2024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate changes in the pre-Hirnantian late Ordovician based on $\delta^{18}\text{O}$ studies from Estonia

Männik, Peep; Lehnert, Oliver; Nõlvak, Jaak; Joachimski, Michael M. Palaeogeography, palaeoclimatology, palaeoecology 2021 / p. 110347, 16 p. : ill <https://doi.org/10.1016/j.palaeo.2021.110347> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate variability and associated vegetation response throughout Central and Eastern Europe (CEE) between 60 and 8ka

Feurdean, Angelica; Perşoiu, A.; Tanţău, I.; Stevens, T.; Connor, S.; Magyari, E.K.; Onac, B.P.; Marković, S.; Andrić, M.; Veski, Siim Quaternary science reviews 2014 / p. 206-224 : ill <https://doi.org/10.1016/j.quascirev.2014.06.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Clustering of floating particles due to submesoscale dynamics : a simulation study for the Gulf of Finland, Baltic Sea

Väli, Germa; Zhurbas, Victor; Laanemets, Jaan; Lips, Urmas Фундаментальная и прикладная гидрофизика 2018 / с. 21-35
<https://doi.org/10.7868/s2073667318020028> <http://hydrophysics.info/?p=3685> [Journal metrics at Scopus](#) [Article at Scopus](#)

CO₂ curing of Ca-rich fly ashes to produce cement-free building materials

Usta, Mustafa Cem; Yörük, Can Rüstü; Uibu, Mai; Hain, Tiina; Gregor, Andre; Trikkel, Andres Minerals 2022 / art. 513, 24 p. : ill <https://doi.org/10.3390/min12050513> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CO₂ storage potential of sedimentary basins of Slovakia, the Czech Republic, Poland and the Baltic States

Šliaupa, Saulius; Lojka, Richard; Tasáryova, Zuzana; Kolejka, Vladimír; Hladík, Vit; Kotulová, Julia; Kucharič, Ludovit; Fejdi, Vlado; Wójcicki, Adam; Tarkowski, Radostaw; Uliasz-Misiak, Barbara; Šliaupienė, Rasa; Nulle, Inara; Pomeranceva, Raisa; Ivanova, Olga; Šogenova, Alla; Šogenov, Kazbulat Geological Quarterly 2013 / p. 219 - 232 https://gg.pgi.gov.pl/article/view/7856/pdf_954
<https://doi.org/10.7306/gg.1088> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coal slurry pipelines : a coal transportation method in Kalimantan, Indonesia

Jati, Humaira A.; Monei, Nthathi Lilian; Barakos, George; Tost, Michael; Hitch, Michael William International journal of mining, reclamation and environment 2021 / p. 638-655 <https://doi.org/10.1080/17480930.2021.1949857> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coastal dune dynamics along the northern Curonian Spit, Lithuania : toward an integrated database

Bitinas, Albertas; Dobrotin, Nikita; Buynevich, Ilya; **Molodkov, Anatoli** Geological quarterly 2018 / p. 553–562 : ill <https://doi.org/10.7306/gg.1435> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coastal flooding: Joint probability of extreme water levels and waves along the Baltic Sea coast
Kudryavtseva, Nadezhda; Räämet, Andrus; Soomere, Tarmo Journal of coastal research 2020 / p. 1146–1151
<https://doi.org/10.2112/SI95-222.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Co-combustion of coal and oil shale blends in circulating fluidized bed boilers
Konist, Alar; Pikkor, Heliis; Nešumajev, Dmitri; Loo, Lauri; Järvik, Oliver; Siirde, Andres; Pihu, Tõnu Oil shale 2019 / p. 114–127 : ill <https://doi.org/10.3176/oil.2019.2S.03> http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-114-127.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combined treatment of pyrogenic wastewater from oil shale retorting
Klein, Kati; Kattel, Eneliis; Goi, Anna; Kivi, Arthur; Dulova, Niina; Saluste, Alar; Zekker, Ivar; Trapido, Marina; Tenno, Taavo Oil shale 2017 / p. 82–96 : ill <https://doi.org/10.3176/oil.2017.1.06> https://artiklid.elnet.ee/record=b2816468*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative analysis of microplastics detection methods applied to marine sediments: A case study in the Bay of Marseille
Gerigny, Olivia; Blanco, Gustavo; Lips, Urmas; Buhhalko, Natalja; Chouteau, Leelou; Georges, Elise; Meyers, Nelle; Vanavermaete, David; Galgani, François; Ourgaud, Melanie; Papillon, Laure; Sempéré, Richard; De Witte, Bavo Marine pollution bulletin 2024 / art. 116787 <https://doi.org/10.1016/j.marpolbul.2024.116787> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparative analysis of NZEB energy performance requirements for residential buildings in Denmark, Estonia and Finland
Simson, Raimo; Thomsen, Kirsten Engelund; Wittchen, Kim Bjarne; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 14001, 12 p. : ill <https://doi.org/10.1051/e3sconf/202124614001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Comparative study of using periodic daily and long-term weather data for cooling system sizing and impact of thermal mass
Seyed Salehi, Seyed Shahabaldin; Kurnitski, Jarek; Thalfeldt, Martin E3S Web Conference: BuildSim Nordic 2022 2022 / art. 06002 <https://doi.org/10.1051/e3sconf/202236206002> [Conference proceedings at Scopus](#) [Article at Scopus](#)

A comparative study on physical properties of Al-doped zinc oxide thin films deposited from zinc acetate and zinc acetylacetonate by spray pyrolysis
Eensalu, Jako Siim; Krunk, Malle; Gromõko, Inga; Katerski, Atanas; Mere, Arvo Energetika 2017 / p. 46–55 : ill <https://doi.org/10.6001/energetika.v63i2.3519> [Journal metrics at Scopus](#) [Article at Scopus](#)

A comparison of Baltic Sea wave properties simulated using two modelled wind data sets
Giudici, Andrea; Jankowski, Mikolaj Zbigniew; Männikus, Rain; Najafzadeh, Fatemeh; Suursaar, Ülo; Soomere, Tarmo Estuarine, coastal and shelf science 2023 / art. 108401, 15 p. : ill <https://doi.org/10.1016/j.ecss.2023.108401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of dehydration in kaolin and illite using DC conductivity measurements
Kubliha, Marian; Trnovcova, Viera; Ondruška, Jan; Štuba, Igor; Bošák, Ondrej; Kaljuvee, Tiit Applied clay science 2017 / p. 8–12 : ill <https://doi.org/10.1016/j.clay.2017.08.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of dispersive and nondispersive models for wave run-up on a beach
Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys; Denissenko, Petr Izvestiya, atmospheric and oceanic physics 2020 / p. 494–501 <https://doi.org/10.1134/S0001433820050023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of hyperspectral measurements of the attenuation and scattering coefficients spectra with modeling results in the north-eastern Baltic Sea
Sipelgas, Liis; Raudsepp, Urmas Estuarine, Coastal and Shelf Science 2015 / p. 1–9 <https://doi.org/10.1016/j.ecss.2015.08.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of near-body flow fields of a gudgeon and NACA013 profile
Khan, Ali Hassan; Toming, Gert; Hoerner, Stefan; Tuhtan, Jeffrey A. GeoPlanet: Earth and Planetary Sciences 2024 / p. 231–242 https://doi.org/10.1007/978-3-031-56093-4_18 [Article Collection metrics at Scopus](#) [Article at Scopus](#)

A comparison of plant macrofossil-based quantitative climate reconstruction methods : a case study of the lateglacial Baltic States
Trasune, Liva; Väiliranta, Minna; Stivrins, Normunds; Amon, Leeli; Schenk, Frederik; Salonen, J. Sakari Quaternary Science

Comparison of the ecotoxic properties of oil shale industry by-products to those of coal ash

Lees, Heidi; Järvik, Oliver; Konist, Alar; Siirde, Andres; Maaten, Birgit Oil shale 2022 / p. 1-19 : tab

<https://doi.org/10.3176/oil.2022.1.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparison of the motions of surface drifters with offshore wind properties in the Gulf of Finland, the Baltic Sea

Delpeche-Ellmann, Nicole Camille; Torsvik, Tomas; Soomere, Tarmo Estuarine, coastal and shelf science 2016 / p. 154-164 : ill

<https://doi.org/10.1016/j.ecss.2016.02.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Composition and distribution of diazotrophs in the Baltic Sea

Salamon Slater, E. R.; Turk-Kubo, K. A.; Hallström, S.; Kesy, K.; Laas, Peeter; Magasin, J.; Zehr, J. P.; Labrenz, M.; Riemann, L.

Estuarine, coastal and shelf science 2023 / art. 108527 <https://doi.org/10.1016/j.ecss.2023.108527> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Composition and properties of oil shale ash concrete

Raado, Lembi-Merike; Hain, Tiina; Liisma, Eneli; Kuusik, Rein, keemik Oil shale 2014 / p. 147-160 : ill

https://artiklid.elnet.ee/record=b2673716*est <https://doi.org/10.3176/oil.2014.2.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Composition of gas from pyrolysis of Estonian oil shale with various sweep gases

Mozaffari, Sepehr; Järvik, Oliver; Baird, Zachariah Steven Oil shale 2021 / p. 215-227 : ill <https://doi.org/10.3176/oil.2021.3.03>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The composition of kukersite shale oil

Baird, Zachariah Steven; Oja, Vahur; Järvik, Oliver Oil shale 2023 / p. 25-43 : ill <https://doi.org/10.3176/oil.2023.1.02>

https://artiklid.elnet.ee/record=b2903562*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A computational workflow for generating a voxel-based design approach based on subtractive shading envelopes and attribute information of point cloud data

Alkadri, Miktha Farid; De Luca, Francesco; Turrin, Michel; Sariyildiz, Sevil Remote sensing 2020 / art. 2561 ; 28 p. : ill

<https://doi.org/10.3390/rs12162561> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Conch structures, soft-tissue imprints and taphonomy of the Middle Ordovician cephalopod *Tragoceras falcatum* from Estonia

Pohle, Alexander; Klug, Christian; Toom, Ursula; Kröger, Björn Fossil Imprint 2019 / p. 70-78 : ill <https://doi.org/10.2478/if-2019-0006>

[Journal metrics at Scopus](#) [Article at Scopus](#)

Conodont biostratigraphy and carbon isotope stratigraphy of the Middle Ordovician (Darrivilian) Komstad Limestone, southern Sweden

Wu, Rong-Chang; Calner, Mikael; Lehnert, Oliver; Lindskog, Anders; Joachimski, Michael M. GFF 2018 / p. 44-54 : ill

<https://doi.org/10.1080/11035897.2018.1435561> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Conodont biostratigraphy of the Oandu Stage (Katian, Upper Ordovician) in NE Estonia

Männik, Peep Estonian journal of earth sciences 2017 / p. 1-12 : ill <https://doi.org/10.3176/earth.2017.02> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Conodonts from the Lower Ordovician of Morocco - contributions to age and faunal diversity of the Fezouata Lagerstätte and peri-Gondwana biogeography

Lehnert, Oliver; Nowak, Hendrik; Sarmiento, Graciela N.; Gutierrez-Marco, Juan Carlos; Akodad, Mustapha; Servais, Thomas

Palaeogeography, palaeoclimatology, palaeoecology 2016 / p. 50-61 : ill <https://doi.org/10.1016/j.palaeo.2016.03.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Conodonts from the Niur Formation (Silurian) of the Derenjal Mountains, Central Iran

Männik, Peep; Miller, C. Giles; Hairapetian, Vachik Geological Magazine 2013 / p. 639 - 650

<https://doi.org/10.1017/S001675681200088X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Conodonts in Silurian hypersaline environments : specialized and unexpectedly diverse

Jarochovska, Emilia; Viira, Viive; Einasto, Rein; Nawrot, Rafal; Bremer, Oskar; Männik, Peep; Munnecke, Axel Geology 2017 / p. 3-

6 : ill <https://doi.org/10.1130/G38492.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Constraints of radiocarbon dating in southeastern Baltic lagoons : assessing the vital effects

Bitinas, Albertas; Mažeika, Jonas; Buynevich, Ilya; Damušyte, Aldona; Molodkov, Anatoli; Grigienė, Alma Coastline changes of the

Baltic Sea from south to east : past and future projection 2017 / p. 137-171 https://doi.org/10.1007/978-3-319-49894-2_8 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Contemporary trends in hydrophysical and hydrochemical parameters in the NE Baltic Sea

Lainela, Silvie; Herkül, Kristjan; Leito, Ivo; Jaanus, Andres; Suursaar, Ülo Estonian journal of earth sciences 2020 / p. 91–108 : ill
<https://doi.org/10.3176/earth.2020.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Continuing long-term expansion of low-oxygen conditions in the Eastern Gulf of Finland

Stoicescu, Stella-Theresa; Hoikkala, Laura; Fleming, Vivi; **Lips, Urmas** Oceanologia 2024 / p. 139-152 : ill., map
<https://doi.org/10.1016/j.oceano.2024.02.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Continuous automated ventilation heat recovery efficiency performance assessment using building monitoring system

Kull, Tuule Mall; Mikola, Alo; Tukia, Andres; Köse, Ahmet; Petlenkov, Eduard; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 10006, 10 p. : ill <https://doi.org/10.1051/e3sconf/202124610006> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Contrasting responses to long-term climate change of carbon flows to benthic consumers in two different sized lakes in the Baltic area

Freiberg, Rene; Belle, Simon; **Poska, Anneli;** Agasild, Helen; **Alliksaar, Tiiu;** Tönno, Ilmar Quaternary science reviews 2018 / p. 168-176 : ill <https://doi.org/10.1016/j.quascirev.2018.03.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Contributions of autochthonous and allochthonous sources to dissolved organic matter in a large, shallow, eutrophic lake with a highly calcareous catchment

Toming, Kaire; Tuvikene, Lea; Vilbaste, Sirje; Agasild, Helen; Viik, Malle; **Kisand, Anu;** Feldmann, Tõnu; **Martma, Tõnu;** Jones, Roger I.; Nõges, Tiina Limnology and oceanography 2013 / p. 1259-1270 : ill <https://doi.org/10.4319/lo.2013.58.4.1259> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Contributions to ventilation system demand response: a case study of an educational building

Maask, Vahur; Mikola, Alo; Korõtko, Tarmo; Rosin, Argo; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 11001, 6 p <https://doi.org/10.1051/e3sconf/202124611001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Controls on the ¹⁴C content of dissolved and particulate organic carbon mobilized across the Mackenzie River basin, Canada

Campeau, A.; Soerensen, A.L.; **Martma, Tõnu;** Akerblom, S.; Zdanowicz, Christian Global biogeochemical cycles 2020 / 15 p. : ill <https://doi.org/10.1029/2020GB006671> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Copernicus Marine Environment Monitoring Service Ocean State Report

Schuckmann, Karina von; Le Traon, Pierre-Yves; Alvarez-Fanjul, Enrique; **Raudsepp, Urmas** Journal of operational oceanography 2016 / p. 235-320 : ill <https://doi.org/10.1080/1755876X.2016.1273446> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Copernicus Marine Service Ocean State Report. Issue 3

Aaboe, Signe; Aguiar, Eva; **Kõuts, Mariliis;** Lagemaa, Priidik; **Maljutenko, Ilja;** **Raudsepp, Urmas;** **Uiboupin, Rivo** Journal of Operational Oceanography 2019 / S1-S123 : ill <https://doi.org/10.1080/1755876X.2019.1633075> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Copernicus Marine Service Ocean State Report. Issue 4

von Schuckmann, Karina; Le Traon, Pierre-Yves; Aaboe, Signe; **Laanemäe, Kaari;** **Maljutenko, Ilja;** **Raudsepp, Urmas;** **Uiboupin, Rivo** Journal of Operational Oceanography 2020 / p. S1 - S172 <https://doi.org/10.1080/1755876X.2020.1785097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Copernicus Marine Service Ocean State Report, Issue 5

Aaboe, Signe; **Alari, Victor;** Alexander, Brittany E.; **Kõuts, Mariliis;** **Lagemaa, Priidik;** **Maljutenko, Ilja;** **Männik, Andres;** **Raudsepp, Urmas;** **Rikka, Sander;** **Uiboupin, Rivo** Journal of operational oceanography 2021 / p. 1-185
<https://doi.org/10.1080/1755876X.2021.1946240> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cornulitid tubeworms and other calcareous tubicolous organisms from the Hirmuse Formation (Katian, Upper Ordovician) of northern Estonia

Vinn, Olev; Madison, Anna; Wilson, Mark A.; **Toom, Ursula** Journal of paleontology 2023 / p. 38-46: ill
<https://doi.org/10.1017/jpa.2022.89> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Correction to: Disentangling the impact of nutrient load and climate changes on Baltic Sea hypoxia and eutrophication since 1850 (Climate Dynamics, (2019), 53, 1-2, (1145-1166), 10.1007/s00382-018-4296-y)

Meier, H. E. Markus; Eilola, Kari; Almroth-Rosell, Elin; Schimanke, S.; Kniebusch, M.; Höglund, A.; Pemberton, P.; Liu, Y.; **Väli, Germo;** Saraiva, S. Climate Dynamics 2019 / p. 1167 - 1169 <https://doi.org/10.1007/s00382-018-4483-x> [Journal metrics at Journal](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Correlation of Silurian bentonites based on the immobile elements in the East Baltic and Scandinavia

Kiipli, Tarmo; Kallaste, Toivo; Kiipli, Eero; Radzevičius, Sigitas GFF 2013 / p. 152-161 : ill

<https://doi.org/10.1080/11035897.2013.783104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Correlation of wind waves and sea level variations on the coast of the seasonally ice-covered Gulf of Finland

Johansson, Milla M.; Björkqvist, Jan-Victor; Särkkä, Jani; Leijala, Ulpu; Kahma, Kimmo K. Natural Hazards and Earth System

Sciences 2022 / p. 813 - 829 <https://doi.org/10.5194/nhess-22-813-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corrigendum to “Internal solitary waves control offshore extension of mud depocenters on the NW Iberian shelf” [Mar. Geol. 409 (2019) 15–30] (Marine Geology (2019) 409 (15–30), (S002532271830166X) (10.1016/j.margeo.2018.12.008))

Zhang, Wenyan; Didenkulova, Ira; Kurkina, Oxana; Cui, Yongsheng; Haberkern, Julia; Aepfler, Rebecca; Santos, Ana I.; Zhang, Han; Hanebuth, Till J.J. Marine Geology 2019 / p. 21 <https://doi.org/10.1016/j.margeo.2019.01.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corrigendum: Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea) [Front. Mar. Sci., 6, (2019), (54)] doi: 10.3389/fmars.2019.00054

Stoicescu, Stella-Theresa; Lips, Urmas; Liblik, Taavi Frontiers in Marine Science 2019 / Art. 233

<https://doi.org/10.3389/fmars.2019.00233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cost reduction of the new NZEB Wooden building – case study of the kindergarten in Estonia

Arumägi, Endrik; Kalamees, Targo E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn,

Estonia, September 6-9, 2020 2020 / art. 13002, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017213002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

CPT, CPTu and DCPT methods for predicting the ultimate bearing capacity of cast in situ displacement piles in silty soils

Leetsaar, Lehar; Korkiala-Tanttu, Leena; Kurnitski, Jarek Geotechnical and Geological Engineering 2022 / p. 631-652 : ill

<https://doi.org/10.1007/s10706-022-02292-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Criteria for the transition from a breaking bore to an undular bore

Pelinovsky, Efim; Shurgalina, Ekaterina; Rodin, Artem Izvestiya, atmospheric and oceanic physics 2015 / p. 530-533 : ill

<https://doi.org/10.1134/S0001433815050096> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A cross disciplinary framework for cost-benefit optimization of marine litter cleanup at regional scale

Christensen, Asbjørn; Tsiaras, Kostas; Murawski, Jens; Hatzonikolakis, Yannis; She, Jun; John, Michael St; Lips, Urmas; Brouwer,

Roy Frontiers in marine science 2021 / art. 744208, 18 p. : ill <https://doi.org/10.3389/fmars.2021.744208> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A crustoid graptolite lithoimmured inside a Middle Ordovician nautiloid conch from Northern Estonia

Vinn, Olev; Wilson, Mark A.; Toom, Ursula Annales societatis geologorum Poloniae 2019 / p. 285-290 : ill

<https://doi.org/10.14241/asgp.2019.17> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cryptic encrusting fauna inside invertebrate fossils from the Ordovician of Estonia

Vinn, Olev; Ernst, Andrej; Toom, Ursula; Isakar, Mare Annales societatis geologorum Poloniae 2018 / p. 285-290 : ill

<https://doi.org/10.14241/asgp.2018.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Current status of co-pyrolysis of oil shale and biomass

Lyons Ceron, Alejandro; Konist, Alar; Lees, Heidi; Järvik, Oliver Oil shale 2021 / p. 228-263 : tab

<https://doi.org/10.3176/oil.2021.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cyber range and digital twin technologies for space resiliency and security

Carlo, Antonio; Manti, Nebile Pelin; Edl, András; Bintang Alam Semesta Wisran, A.M.; Breda, Paola 57th IAA Symposium on

Safety, Quality and Knowledge Management in Space Activities : held at the 75th International Astronautical Congress (IAC 2024) : Milan, Italy, 14-18 October 2024 2024 / p. 322-332 <https://doi.org/10.52202/078376-0032> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Cyber vulnerabilities and risks of AI technologies in space applications

Breda, Paola; Abdin, Adam; Markova, Rada; Jha, Devanshu; Carlo, Antonio; Pelin Manti, Nebile IAC 2022 congress proceedings

2022 / art. 70380 <https://dl.iafastro.directory/event/IAC-2022/paper/70380/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Cyclic sedimentation pattern in Lake Veetka, southeast Estonia : a case study

Saarse, Leili Geologos 2015 / p. 59 - 69 <https://doi.org/10.1515/logos-2015-0003> [Journal metrics at Scopus](#) [Article at Scopus](#)

Cystoblastus and the origin of the Hemicosmitoida (Echinodermata: Blastozoa)

Paul, Christopher R. C.; Toom, Ursula Estonian journal of earth sciences 2021 / p. 165-181 : ill <https://doi.org/10.3176/earth.2021.13>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Danish, Estonian and Finnish NZEB requirements comparison with European Commission recommendations for office buildings in Nordic and Oceanic climates

Simson, Raimo; Arumägi, Endrik; Thomsen, Kirsten Engelund; Wittchen, Kim Bjarne; **Kurnitski, Jarek** E3S Web Conferences : The 16th ROOMVENT Conference (ROOMVENT 2022) 2022 / art. 01017 <https://doi.org/10.1051/e3sconf/202235601017> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Dark nutrient uptake at low temperature and subsequent light use efficiency by the dinoflagellate *Heterocapsa triquetra*

Ojamäe, Karin; Peterson, Anneliis; Lips, Inga Marine biology research 2016 / p. 978-985 : ill <https://doi.org/10.1080/17451000.2016.1216570> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Darriwilian (Middle Ordovician) worms of southern Sweden

Eriksson, Mats E.; Lindskog, Anders; Servais, Thomas; **Hints, Olle; Tonarova, Petra** GFF 2016 / p. 502-509 : ill <https://doi.org/10.1080/11035897.2016.1181102> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data assimilation of sea surface temperature and salinity using basin-scale reconstruction from empirical orthogonal functions : a feasibility study in the northeastern Baltic Sea

Zujev, Mihail; Elken, Jüri; Lagemaa, Priidik Ocean science 2021 / p. 91-109 : ill <https://doi.org/10.5194/os-17-91-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dating of glacial palaeogroundwater in the Ordovician-Cambrian aquifer system, northern Baltic Artesian Basin

Pärn, Joonas; Raidla, Valle; Ivask, Jüri; Kaup, Enn; Martma, Tõnu; Vaikmäe, Rein Applied geochemistry 2019 / p. 64-76 : ill <https://doi.org/10.1016/j.apgeochem.2019.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dating the termination of the Palaeoproterozoic Lomagundi-Jatuli carbon isotopic event in the North Transfennoscandian Greenstone Belt

Martin, Adam P.; Condon, Dan J.; Prave, Anthony R.; Melezhik, Victor A.; **Lepland, Aivo;** Fallick, Anthony Edward Precambrian Research 2013 / p. 160 - 168 <https://doi.org/10.1016/j.precamres.2012.09.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Decadal changes in the Baltic Sea wave heights

Soomere, Tarmo; Räämet, Andrus Journal of marine systems 2014 / p. 86-95 : ill <https://doi.org/10.1016/j.jmarsys.2013.03.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Decision support tools, systems and indices for sustainable coastal planning and management : a review

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo; Dragovich, Deirde; Engström, Johanna Ocean and Coastal Management 2021 / art. 105813, 13 p <https://doi.org/10.1016/j.ocecoaman.2021.105813> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Decomposition kinetics of American, Chinese and Estonian oil shales kerogen

Maaten, Birgit; Loo, Lauri; Konist, Alar; Nešumajev, Dmitri; Pihu, Tõnu; Külaots, Indrek Oil shale 2016 / p. 167-183 : ill <https://doi.org/10.3176/oil.2016.2.05> https://artiklid.elnet.ee/record=b2778470*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Demand response in the German district heating system

Ju, Yuchen; Lindholm, Joakim; Verbeck, Moritz; **Jokisalo, Juha; Kosonen, Risto;** Janßenc, Philipp; Li, Yantong; Schafers, Hans; Nord, Natasa The 8th Conference of the Sustainable Solutions for Energy and Environment EENVIRO 2022 16/10/2022 - 21/10/2022 Bucharest, Romania 2023 / art. 012016 <https://doi.org/10.1088/1755-1315/1185/1/012016> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A demineralized osteostracan fossil from the Silurian Kalana Lagerstätte of Estonia : revealing its internal anatomy and uncovering a unique type of fossilization

Tinn, Oive; Lang, Liisa; **Märss, Tiit;** Vahur, Signe; Kirsimäe, Kalle Lethaia 2022 / 13 p. : ill <https://doi.org/10.1111/let.12452> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The depositional conditions of the fluvio-aeolian succession during the last climate minimum based on the examples from Poland and NW Ukraine

Zieliński, Paweł; Sokołowski, Robert J.; Woronko, Barbara; Jankowski, Michał; Fedorowicz, Stanisław; Zaleski, Iwan; **Molodkov, Anatoli;** Weckwerth, Piotr Quaternary International 2015 / p. 30 - 41 <https://doi.org/10.1016/j.quaint.2014.08.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Depositional environment and climate changes during the late Pleistocene as recorded by the Netiesos section in southern Lithuania

Baltrunas, Valentinas; **Molodkov, Anatoli** Quaternary international 2013 / p. 136 - 149 : ill <https://www.sciencedirect.com/science/article/pii/S1040618212033551> <https://doi.org/10.1016/j.quaint.2012.11.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Depositional framework of the East Baltic Tremadocian black shale revisited

Hints, Rutt; Hade, Sigrid; Soesoo, Alvar; Voolma, Margus GFF 2014 / p. 464-482 : ill <https://doi.org/10.1080/11035897.2013.866978>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deposits of the Kazantsevo transgression (MIS 5) in the northern Yenisei region

Gusev, E. A.; Molodkov, Anatoli; Streletskaia, I. D. Russian geology and geophysics 2016 / p. 586-596 : ill
<https://doi.org/10.1016/j.rgg.2015.05.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Depression waves generated by large ships in the Venice Lagoon

Parnell, Kevin Ellis; Zaggia, Luca; Soomere, Tarmo; Lorenzetti, Giuliano; Scarpa, Gian Marco Journal of coastal research 2016 / p. 907-911 : ill <https://doi.org/10.2112/SI75-182.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A descriptive analysis of the linkage between the vertical stratification and current oscillations in the Gulf of Finland

Suhhova, Irina; Liblik, Taavi; Liloover, Madis-Jaak; Lips, Urmas Boreal environment research 2018 / p. 83-103 : ill
https://www.ester.ee/record=b1199571*est <https://www.borenv.net/BER/archive/ber231-6.htm> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Design criteria for outdoor air intakes and exhaust air outlets located on an external wall

Palmiste, Ülar; Kurnitski, Jarek; Voll, Hendrik E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 9008, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017209008> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Desulfurization, denitrogenation and deoxygenation of shale oil

Baird, Zachariah Steven; Rang, Heino; Oja, Vahur Oil shale 2021 / p. 137-154 : ill <https://doi.org/10.3176/oil.2021.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detecting peat extraction related activity with multi-temporal Sentinel-1 InSAR coherence time series

Tampuu, Tauri; Praks, Jaan; Kull, Ain; Uiboupin, Rivo; Tamm, Tanel; Voormansik, Tanel International journal of applied earth observation and geoinformation 2021 / art. 102309, 11 p. : ill <https://doi.org/10.1016/j.jag.2021.102309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detecting ship wakes for the study of coastal processes

Rätsep, Margus; Parnell, Kevin Ellis; Soomere, Tarmo Journal of coastal research 2020 / p. 1258-1262
<https://doi.org/10.2112/SI95-243.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detection of the Askja AD 1875 cryptotephra in Latvia, Eastern Europe

Stivriņš, Normunds; Wulf, Sabine; Alliksaar, Tiit; Heinsalu, Atko; Veski, Siim Journal of quaternary science 2016 / p. 437-441 : ill
<https://doi.org/10.1002/jqs.2868> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of Accurate Dynamic Topography for the Baltic Sea Using Satellite Altimetry and a Marine Geoid Model

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artur; Jahanmard, Vahidreza Remote sensing 2023 / art. 2189
<https://doi.org/10.3390/rs15082189> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of the calorific value and moisture content of crushed oil shale by LIBS

Aints, Märt; Paris, Peeter; Tufail, Iram; Jõgi, Indrek; Aosaar, Hardi; Riisalu, Hella; Laan, Matti Oil shale 2018 / p. 339-355 : ill
<https://doi.org/10.3176/oil.2018.4.04> http://www.kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-339-355.pdf
https://artiklid.elnet.ee/record=b2868183*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of the total sulphur content of oil shale by using different analytical methods

Maaten, Birgit; Pikkor, Heliis; Konist, Alar; Siirde, Andres Oil shale 2018 / p. 144-153 : ill <https://doi.org/10.3176/oil.2018.2.04>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detrital zircon ages of Cambrian and Devonian sandstones from Estonia, central Baltica: A possible link to Avalonia during the Late Neoproterozoic

Põldvere, Anne; Isozaki, Yukio; Bauert, Heikki; Kirs, Juho; Aoki, Kazumasa; Sakata, Shuhei; Hirata, Takafumi GFF 2014 / p. 214-217 : ill <https://doi.org/10.1080/11035897.2013.873986> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Developing European operational oceanography for Blue Growth, climate change adaptation and mitigation, and ecosystem-based management

She, Jun; Allen, Icarus; Buch, Erik; Lips, Urmas Ocean science 2016 / p. 953-976 : ill <https://doi.org/10.5194/os-12-953-2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Developing realistic models for assessing marine plastic pollution in semi-enclosed seas

She, Jun; Christensen, Asbjørn; Garaventa, Francesca; Lips, Urmas; Murawski, Jens; Ntoumas, Manolis; Tsiaras, Kostas

Development of a flexible, extendable, and low-cost control unit for surface drifters

Giudici, Andrea; Torsvik, Tomas; Soomere, Tarmo Journal of atmospheric and oceanic technology 2017 / p. 669-677 : ill <https://doi.org/10.1175/JTECH-D-16-0116.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of faunal diversity during the late Llandovery-early Wenlock in the easternmost part of the Baltic Palaeobasin - implications for the Ireviken Event

Hints, Linda; Pärnaste, Helje; Männik, Peep; Reich, Mike; Rozhnov, Sergey Estonian journal of earth sciences 2022 / p. 89-110 : ill <https://doi.org/10.3176/earth.2022.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of large shallow Lake Peipsi (North-Eastern Europe) over the Holocene based on the stratigraphy of phosphorus fractions

Kisand, Anu; Kirs, Anna-Liisa; Ehapalu, Kristiina; Alliksaar, Tiit; Heinsalu, Atko; Tõnno, Ilmar; Leeben, Aina; Nõges, Peeter Journal of paleolimnology 2017 / p. 43-56 : ill <https://doi.org/10.1007/s10933-017-9954-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of prefabricated insulation elements for buildings with aerated autoclaved concrete walls

Pihelo, Peep; Kalamees, Targo E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 18001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017218001> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Development of quality and knowledge management system for the first satellite mission in an educational institution based on ECSS standards

Vihmand, Mart; Dihuliya, Divya; Ehrminger, Robin 66th International Astronautical Congress 2015 (IAC 2015) : Space - The Gateway for Mankind's Future, Jerusalem, Israel, 12-16 October 2015 2015 / p. 9717-9719 <https://iafastro.directory/iac/paper/id/31145/summary/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Diagenetic Mg-calcite overgrowths on foraminiferal tests in the vicinity of methane seeps

Panieri, Giuliana; Lepland, Aivo; Whitehouse, Martin J.; Wirth, Richard Earth and planetary science letters 2017 / p. 203-212 : ill <https://doi.org/10.1016/j.epsl.2016.10.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Did stalked echinoderms bioerode calcareous substrates? A possible boring crinoid attachment structure in a stromatoporoid from the early Silurian (Telychian) of Estonia

Vinn, Olev; Ausich, William I.; Wilson, Mark A.; Toom, Ursula Paläontologische Zeitschrift PalZ 2023 / p. 37-41 <https://doi.org/10.1007/s12542-022-00637-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Did the Bronze Age deforestation of Europe affect its climate? A regional climate model study using pollen-based land cover reconstructions

Strandberg, Gustav; Chen, Jie; Fyfe, Ralph; Kjellström, Erik; Lindström, Johan; Poska, Anneli; Zhang, Qiong; Gaillard, Marie-José Climate of the Past 2023 / p. 1507 - 1530 <https://doi.org/10.5194/cp-19-1507-2023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The diet of Eurasian perch larvae in lakes with different zooplankton assemblages

Zingel, Priit; Agasild, Helen; Zagars, Matiss; Feldmann, Tõnu; Tuvikene, Arvo; Zingel, Tiina; Puncule, Linda; Karus, Katrit Boreal environment research 2023 / p. 181-193 <https://www.borenav.net/BER/archive/pdfs/ber28/ber28-181-193.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Digital-toolkit for sports tourism promoting

Prokopenko, Olha; Rusavska, Valentyna; Maliar, Nelia; Tvelina, Alisa; Opanasiuk, Nataliia; Aldankova, Halyna International journal of advanced research in engineering and technology 2020 / p. 84-96 <http://www.iaeme.com/IJARET/issues.asp?JType=IJARET&VType=11&IType=5> [Journal metrics at Scopus](#) [Article at Scopus](#)

Direct dating of deposition and rift-related alteration of fossil-barren red bed units in the North Sea

Hodgskiss, Malcolm S.W.; Roberts, Nick M.W.; Paiste, Päärn; Rameil, Niels; Hammer, Erik; Brunstad, Harald; Lepland, Aivo Journal of the Geological Society 2024 / art. jgs2023-052 <https://www.lyellcollection.org/doi/abs/10.1144/jgs2023-052> <https://doi.org/10.1144/jgs2023-052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Directional distribution of chilling winds in Estonia

Saue, Triin International Journal of Biometeorology 2016 / p. 1165 - 1173 <https://doi.org/10.1007/s00484-015-1110-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Discharge of meteoric water in the eastern Norwegian Sea since the last glacial period

Hong, WeiLi; Lepland, Aivo; Himmler, Tobias; Martma, Tõnu Geophysical research letters 2019 / p. 8194-8204 : ill <https://doi.org/10.1029/2019GL084237> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Disentangling the impact of nutrient load and climate changes on Baltic Sea hypoxia and eutrophication since 1850

Meier, H.E. Markus; Eilola, Kari; Almroth-Rosell, Elin; **Väli, Germa** Climate dynamics 2019 / p. 1145–1166 : ill

<https://doi.org/10.1007/s00382-018-4296-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dissolved organic matter, nutrients, and bacteria in Antarctic soil core from Schirmacher Oasis

Lepane, Viia; Künnis-Beres, Kai; Kaup, Enn; Sharma, Bhupesh Journal of soils and sediments 2018 / p. 2715-2726 : ill

<https://doi.org/10.1007/s11368-018-1913-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Distribution of conichnus and amphorichnus in the lower paleozoic of Estonia (Baltica)

Vinn, Olev; Wilson, Mark A.; **Toom, Ursula** Carnets de Geologie 2015 / p. 269 - 278 <https://doi.org/10.4267/2042/58180> [Journal metrics](#)

[at Scopus](#) [Article at Scopus](#)

Distribution of solar irradiance on inclined surfaces caused by moving clouds

Tomson, Teolan Theoretical and Applied Climatology 2016 / p. 1023 - 1031 <https://doi.org/10.1007/s00704-015-1449-3> [Journal metrics](#)

[at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Diverse endobiotic symbiont fauna from the late Katian(Late Ordovician) of Estonia

Vinn, Olev; Wilson, Mark A.; Holmer, Lars E.; Ernst, Andrej; Tinn, Oive; **Toom, Ursula** Palaeontologia Electronica 2022 / art. a31, 13

p. : ill <https://doi.org/10.26879/1232> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A diverse Hirnantian scolecodont assemblage from northern Estonia and resilience of polychaetes to the end-Ordovician mass extinction

Hints, Olle; Tonarova, Petra Estonian journal of earth sciences 2023 / p. 46-49 : ill <https://doi.org/10.3176/earth.2023.20> [Journal metrics](#)

[at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Diversity and biostratigraphic utility of Ordovician brachiopods in the East Baltic

Hints, Linda; Harper, David A. T.; Paškevičius, Juozas Estonian journal of earth sciences 2018 / p. 176-191 : ill

http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2018/issue_3/earth-2018-3-176-191.pdf http://www.ester.ee/record=b2246661*est

<https://doi.org/10.3176/earth.2018.14> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Do contemporary (1980-2015) emissions determine the elemental carbon deposition trend at Holtedahlfonna glacier, Svalbard?

Ruppel, Meri M.; Soares, Joana; Gallet, Jean-Charles; Isaksson, Elisabeth; **Martma, Tõnu** Atmospheric chemistry and physics 2017 /

p. 12779-12795 : ill <https://doi.org/10.5194/acp-17-12779-2017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

Dolocretes in the uppermost Famennian to Mississippian siliciclastic deposits (Šķervelis Formation, Latvia)

Pipira, Daiga; Keipane, Lauma; Stinkulis, Girts; Vircava, Ilze; **Martma, Tõnu** Estonian journal of earth sciences 2023 / p. 211-225

<https://doi.org/10.3176/earth.2023.86> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Drastic changes in lake ecosystem development as a consequence of flax retting: a multiproxy palaeolimnological study of Lake Kooraste Linajärvi, Estonia

Liiv, Merlin; Alliksaar, Tiit; Freiberg, Rene; **Heinsalu, Atko**; Ott, Ingmar; **Reitalu, Triin**; Tõnno, Ilmar; **Vassiljev, Jüri**; **Veski, Siim**

Vegetation history and archaeobotany 2018 / p. 437-451 : ill <https://doi.org/10.1007/s00334-017-0650-y> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Drifter-derived estimates of lateral eddy diffusivity in the World Ocean with emphasis on the Indian Ocean and problems of parameterisation

Zhubas, Victor; Lyzhkov, Dmitry; Kuzmina, Natalia Deep-Sea Research. Part I: Oceanographic Research Papers 2014 / 11 p. : ill

<https://doi.org/10.1016/j.dsr.2013.09.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Driving decarbonisation of the EU building stock by enhancing a consumer centred and locally based circular renovation process

Tisov, Ana; **Kuusk, Kalle**; Navarro Escudero, Miriam; **Pihelo, Peep**; **Kalamees, Targo** E3S Web of Conferences : 12th Nordic

Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020

<https://doi.org/10.1051/e3sconf/202017218006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Dynamic behaviour of diffuse solar radiation

Tomson, Teolan Theoretical and applied climatology 2014 / p. 399-402 : ill <https://doi.org/10.1007/s00704-013-1010-1> [Journal metrics](#)

[at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Earliest known rugosan-stromatoporoid symbiosis from the Llandovery of Estonia (Baltica)

Vinn, Olev; Wilson, Mark A.; **Toom, Ursula**; **Mõtus, Mari-Ann** Palaeogeography, Palaeoclimatology, Palaeoecology 2015 / p. 1-5

<https://doi.org/10.1016/j.palaeo.2015.04.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Earliest Petroxestes borings from Sandbian (earliest late ordovician) bryozoans of Northern Estonia

Vinn, Olev; Ernst, Andrej; **Toom, Ursula** Palaios 2019 / p. 453-457 <https://doi.org/10.2110/palo.2019.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Earliest rhynchonelliform brachiopod parasite from the Late Ordovician of northern Estonia (Baltica)

Vinn, Olev; Wilson, Mark A.; **Toom, Ursula** Palaeogeography, palaeoclimatology, palaeoecology 2014 / p. 42-45 : ill <https://doi.org/10.1016/j.palaeo.2014.06.028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Earliest symbiotic rugosans in cystoporate bryozoan Ceramopora intercellata Bassler, 1911 from Late Ordovician of Estonia (Baltica)

Vinn, Olev; Ernst, Andrej; **Toom, Ursula** Palaeogeography, palaeoclimatology, palaeoecology 2016 / p. 140-144 : ill <https://doi.org/10.1016/j.palaeo.2016.08.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Early and early Middle Ordovician chitinozoans from the Baldone drill core, central Latvia

Nõlvak, Jaak; Liang, Yan; **Hints, Olle** Estonian journal of earth sciences 2022 / p. 25-43 : ill <https://doi.org/10.3176/earth.2022.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Early Devonian fishes from coastal De Long Strait, central Chukotka, Arctic Russia

Mark-Kurik, Elga; Blicek, Alain; Burrow, Carole J.; Truner, Susan Geodiversitas 2013 / p. 545-578 <https://doi.org/10.5252/g2013n3a3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Early diagenetic transformation stages revealed by micro-analytical studies of shelly phosphorites, Rakvere region

Graul, Sophie Jane Marie-Pascale Huguette; **Kallaste, Toivo**; Moilanen, Marko; **Ndiaye, Mawo**; **Hints, Rutt** Estonian journal of earth sciences 2023 / p. 34-37 : ill <https://doi.org/10.3176/earth.2023.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Early diversification of Ordovician chitinozoans on Baltica : New data from the Jägala waterfall section, northern Estonia

Nõlvak, Jaak; Liang, Yan; **Hints, Olle** Palaeogeography, palaeoclimatology, palaeoecology 2019 / p. 14-24 : ill <https://doi.org/10.1016/j.palaeo.2019.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Early Middle Ordovician scolecodonts from northwestern Argentina and the emergence of labidognath polychaete jaw apparatuses

Hints, Olle; Tonarova, Petra; Eriksson, Mats E.; Rubinstein, Claudia V.; Puente, G. Susana de la Palaeontology 2017 / p. 583-593 : ill <https://doi.org/10.1111/pala.12303> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Early Middle Weichselian in the White Sea and adjacent areas : chronology, stratigraphy and palaeoenvironments

Zaretskaya, Nataliya; Korsakova, Olga; **Molodkov, Anatoli**; Ruchkin, Maksim; Baranov, Dmitriy; Rybalko, Aleksandr; Lugovoy, Nikolay; Merkuliev, Alekse Quaternary international 2022 / 14 p. : ill <https://doi.org/10.1016/j.quaint.2022.05.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Early Silurian recovery of Baltica crinoids following the end-Ordovician extinctions (Llandovery, Estonia)

Ausich, William I.; Wilson, Mark A.; **Toom, Ursula** Journal of paleontology 2020 / p. 521-530 : ill <https://doi.org/10.1017/jpa.2019.89> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Early symbiotic rugosan endobionts in stromatoporoids from the Rhuddanian of Estonia (Baltica)

Vinn, Olev; **Toom, Ursula** Lethaia 2017 / p. 237-243 : ill <https://doi.org/10.1111/let.12190> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The ecological impact of conquest and colonization on a medieval frontier landscape : combined palynological and geochemical analysis of lake sediments from Radzyń Chełmiński, Northern Poland

Brown, Alex; Banerjee, Rowena; Wynne, Amanda Dawn; **Stivriņš, Normunds**; Jarzebowski, Marc; Shillito, Lisa-Marie; Pluskowski, Aleks Geoarchaeology 2015 / p. 511 - 527 <https://doi.org/10.1002/gea.21525> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ecosystem changes in large and shallow Võrtsjärv, a lake in Estonia - evidence from sediment pigments and phosphorus fractions

Tõnno, Ilmar; Kirs, Anna-Liisa; Freiberg, Rene; **Alliksaar, Tiit**; **Lepane, Viia**; Kõiv, Toomas; **Kisand, Anu**; **Heinsalu, Atko** Boreal environment research 2013 / p. 195-208 : ill <https://www.semanticscholar.org/paper/Ecosystem-changes-in-large-and-shallow-V%C3%B5rtsj%C3%A4rv%2C-a-T%C3%B5nno-Kirs/1b6537bb746d1efabb83b1db1529b453fa231138> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ecosystem services costs of metal mining and pressures on biomes

Tost, Michael; Murguía, Diego; **Hitch, Michael William**; Lutter, Stephan; Luckeneder, Sebastian; Feiel, Susanne; Moser, Peter Extractive industries and society 2020 / p. 79-86 : ill <https://doi.org/10.1016/j.exis.2019.11.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eddy formation behind a coastal cape in a flow generated by transient longshore wind (Numerical experiments)

Zhurbas, Victor; Kuzmina, N.P.; Lyzhkov, D.A. Oceanology 2017 / p. 350-359 : ill <https://doi.org/10.1134/S0001437017020229> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Editorial: Air-sea interaction and oceanic extremes

Wu, Lichuan; Song, Jinbao; Esters, Leonie; **Alari, Victor** Frontiers in Marine Science 2024 / art. 1522866
<https://doi.org/10.3389/fmars.2024.1522866> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Educating the energy informatics specialist : opportunities and challenges in light of research and industrial trends

Bordin, Chiara; **Mishra, Sambeet**; Safari, Amir; Eliassen, Frank SN Applied Sciences 2021 / art. 674 <https://doi.org/10.1007/s42452-021-04610-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of asymmetry of incident wave on the maximum runup height

Didenkulova, Irina; Denissenko, Petr; **Rodin, Artem**; Pelinovsky, Efim Journal of coastal research 2013 / p. 207-212 : ill
<https://doi.org/10.2112/SI65-036> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Effect of bilge keel variations on the designed fast patrol boats to hull resistance and stability behaviours

Rahmaji, Tri; Prabowo, Aditya Rio; Muhyat, Nurul; Tuswan, Tuswan; Putranto, Teguh IOP Conference Series: Earth and Environmental Science ; 1166, 1 2023 / art. 012048 <https://doi.org/10.1088/1755-1315/1166/1/012048> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Effect of flotation time and collector dosage on Estonian phosphorite beneficiation

Tamm, Kadriann; Zadeh, Zeinab Arab; Kuusik, Rein, keemik; Kallas, Juha; Yang, Jason; **Tõnsuaadu, Kaia**; Trikkel, Andres Minerals 2021 / art. 114 <https://doi.org/10.3390/min11020114> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of glacial drainage water on the CO2 system and ocean acidification state in an Arctic tidewater-glacier fjord during two contrasting years

Fransson, Agneta; Chierici, Melissa; Nomura, Daiki; Granskog, Mats A.; Kristiansen, Svein; **Martma, Tõnu**; Nehrke, Gernot Journal of Geophysical Research: Oceans 2015 / p. 2413 - 2429 <https://doi.org/10.1002/2014JC010320> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of ice cover on wave statistics and wave-driven processes in the northern Baltic Sea

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo; Giudici, Andrea Boreal environment research 2022 / p. 97-116 : ill <https://www.borenav.net/BER/archive/pdfs/ber27/ber27-097-116.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of innovation in unconventional oil industry : case of Estonia and Canada

Kallemets, Kalev; Tänav, Tõnis Oil shale 2017 / p. 279-294 : ill <https://doi.org/10.3176/oil.2017.3.06>
http://www.ester.ee/record=b1072685*est https://artiklid.elnet.ee/record=b2824320*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of N2 and CO2 on shale oil from pyrolysis of Estonian oil shale

Mozaffari, Sepehr; Järvik, Oliver; Baird, Zachariah Steven International journal of coal preparation and utilization 2022 / p. 2908-2922 <https://doi.org/10.1080/19392699.2021.1914025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of rice husk biochar on soil nutrient status, microbial biomass and paddy productivity of nutrient poor agriculture soils

Singh, Chhatarpal; Tiwari, Shashank; **Gupta, Vijai Kumar**; Singh, Jay Shankar Catena 2018 / p. 485 - 493
<https://doi.org/10.1016/j.catena.2018.07.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of early marine diagenesis and site-specific depositional controls on carbonate-associated sulfate: Insights from paired S and O isotopic analyses

Richardson, Jocelyn A.; **Lepland, Aivo**; Hints, Olle; Prave, Anthony R.; Gilhooly III, William P.; **Bradley, Alexander S.**; Fike, David A Chemical geology 2021 / art. 120525 <https://doi.org/10.1016/j.chemgeo.2021.120525> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of Eulerian current, Stokes drift and wind while simulating surface drifter trajectories in the Baltic Sea

Pärn, Ove; Davulienė, Lina; Macias, Diego Moy; **Vahter, Kaimo**; Stips, Adolf; Torsvik, Tomas Oceanologia 2023 / p. 453-465
<https://doi.org/10.1016/j.oceano.2023.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of large-scale atmospheric circulation on the Baltic Sea wave climate : application of the EOF method on multi-mission satellite altimetry data

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo Climate dynamics 2021 / p. 3465-3478 : ill
<https://doi.org/10.1007/s00382-021-05874-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of nutrient management scenarios on marine eutrophication indicators : a Pan-European, Multi-Model Assessment in Support of the Marine Strategy Framework Directive

Friedland, Rene; Macias, Diego; Cossarini, Gianpero; Daewel, Ute; Estournel, Claude; Garcia-Gorriz, Elisa; Grizzetti, Bruna; Gregoire, Marilaure; Gustafsson, Bo; **Maljutenko, Ilja**; Pärn, Ove; Pätsch, Johannes; **Raudsepp, Urmas** *Frontiers in marine science* 2021 / 22 p. : map <https://doi.org/10.3389/fmars.2021.596126> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of wave-induced forcing on a circulation model of the North Sea

Staneva, Joanna; **Alari, Victor**; Breivik, Øyvind; Bidlot, Jean-Raymond; Mogensen, Kristian *Ocean dynamics* 2017 / p. 81-101 : ill <https://doi.org/10.1007/s10236-016-1009-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

800-Year ice-core record of nitrogen deposition in Svalbard linked to ocean productivity and biogenic emissions

Wendl, Isabel A.; Eichler, Anja; Isaksson, Elisabeth; **Martma, Tõnu**; Schwikowski, Margit *Atmospheric Chemistry and Physics* 2015 / p. 7287 - 7300 <https://doi.org/10.5194/acp-15-7287-2015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Elemental and water-insoluble organic carbon in Svalbard snow: a synthesis of observations during 2007–2018

Zdanowicz, Christian; Gallet, Jean-Charles; Björkman, Mats B.; Larose, Catherine; Schuler, Thomas V.; Luks, Bartłomiej; Kozio, Krystyna; Spolaor, Andrea; Barbaro, Elena; **Martma, Tõnu**; Wideqvist, Ulla; Ström, Johan *Atmospheric chemistry and physics* 2021 / p. 3035-3057 : ill <https://doi.org/10.5194/acp-21-3035-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Emended Sandbian (Ordovician) conodont biostratigraphy in Baltoscandia and a new species of *Amorphognathus*

Paiste, Tõnn; **Männik, Peep**; Meidla, Tõnu *Geological magazine* 2023 / p. 411-427 : map <https://doi.org/10.1017/S0016756822001005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Emissions from burning municipal solid waste and wood in domestic heaters

Maasikmets, Marek; **Kupri, Hanna-Lii**; Teinimaa, Erik; Vainumäe, Keio; Arumäe, Tarvo; Roots, Ott; Kimmel, Veljo *Atmospheric pollution research* 2016 / p. 438-446 : ill <https://doi.org/10.1016/j.apr.2015.10.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Endobiotic rugose coral symbionts in Silurian tabulate corals from Estonia (Baltica)

Vinn, Olev; Liang, Kun; **Toom, Ursula** *Palaios* 2017 / p. 158-165 : ill <https://doi.org/10.2110/palo.2016.084> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Endolymphatic structures in headshields of the osteostracan genus *Tremataspis* (Agnatha) from the Silurian of Estonia

Märss, Tiiu; Wilson, Mark V.H.; **Viljus, Mart** *Estonian journal of earth sciences* 2022 / p. 135-156 : ill <https://doi.org/10.3176/earth.2022.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy saving potential with smart thermostats in low-energy homes in cold climate

Kull, Tuule Mall; Penu, Karl-Rihard; Thalfeldt, Martin; Kurnitski, Jarek *E3S Web of Conferences* : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 09009, 7 p. : ill <https://doi.org/10.1051/e3sconf/202017209009> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Enhanced turbulence driven by mesoscale motions and flow-topography interaction in the Denmark Strait Overflow plume

Schaffer, Janin; Kanzow, Torsten; **Zhubas, Victor** *Journal of geophysical research. Oceans* 2016 / p. 7650-7672 : ill <https://doi.org/10.1002/2016JC011653> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhancing urban vitality: integrating traditional metrics with big data and socio-economic insights

Osunkoya, Kofoworola Modupe; Partanen, Jenni *Journal of Spatial Information Science* 2024 / p. 43-68 <https://doi.org/10.5311/JOSIS.2024.29.357> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ensemble approach for projections of return periods of extreme water levels in Estonian waters

Eelsalu, Maris; Soomere, Tarmo; Pindsoo, Katri; Lagemaa, Priidik *Continental shelf research* 2014 / p. 201-210 : ill <https://doi.org/10.1016/j.csr.2014.09.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ensuring Cybersecurity in Shipping: Reference to Estonian Shipowners

Heering, Dan *TransNav: the international journal on marine navigation and safety of sea transportation* 2020 / p. 271–278 <https://doi.org/10.12716/1001.14.02.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental changes induced by human activities in the Northern Curonian Lagoon (Eastern Baltic) : diatoms and stable isotope data

Vaikutiene, Giedre; Skipityte, Raminta; Mažeika, Jonas; **Martma, Tõnu** *Estonian journal of earth sciences* 2017 / p. 93-108 : ill <https://doi.org/10.3176/earth.2017.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental changes of the stadial/interstadial type during the Late Saalian (MIS-6) – Multi-proxy record at the Wola

Starogrodzka site, central Poland

Kupryjanowicz, Mirosława; Filoc, Magdalena; Drzymulska, Danuta; **Poska, Anneli**; Suchora, Magdalena; Zarski, Marcin; Mroczek, Przemysław Paweł Palaeogeography, palaeoclimatology, palaeoecology 2021 / art. 110420, 14 p. : ill
<https://www.sciencedirect.com/science/article/pii/S0031018221002054> <https://doi.org/10.1016/j.palaeo.2021.110420> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental drivers and abrupt changes of phytoplankton community in temperate lake Lielais Svētīņu, Eastern Latvia, over the last Post-Glacial period from 14.5 kyr

Tönno, Ilmar; Talas, Liisi; Freiberg, Rene; Kisand, Anu; Belle, Simon; **Stivrinš, Normunds**; **Alliksaar, Tiit**; **Heinsalu, Atko**; **Veski, Siim**; Kisand, Veljo Quaternary science reviews 2021 / art. 107006 <https://doi.org/10.1016/j.quascirev.2021.107006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental impact assessment of continuous underwater noise in the Baltic Sea

Klauson, Aleksander; **Mustonen, Mirko**; Folegot, Thomas; Tougaard, Jakob Marine pollution bulletin 2024 / art. 117105, 12 p. : ill
<https://doi.org/10.1016/j.marpolbul.2024.117105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental impact of oil shale mining

Väizene, Vivika; **Valgma, Ingo**; **Karu, Veiko**; **Orru, Mall** Environmental earth sciences 2016 / art. 1201, p. 1-14 : ill
<https://doi.org/10.1007/s12665-016-5996-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental impact of water exchange blocking in a strait – a multidisciplinary study in the Baltic Sea

Liblik, Taavi; **Buschmann, Fred**; **Siht, Ergo**; **Kuprijanov, Ivan**; **Väli, Germa**; **Lipp, Maarja**; **Erm, Ants**; **Laanemets, Jaan**; Eschbaum, Redik; Verliin, Aare; Saks, Lauri; Zekker, Ivar Oceanologia 2024 / p. 9-25 : ill <https://doi.org/10.1016/j.oceano.2023.06.002>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental impacts of grey water discharge from ships in the Baltic Sea

Ytreberg, Erik; Eriksson, Martin; **Maljutenko, Ilja** Marine pollution bulletin 2020 / art. 110891
<https://doi.org/10.1016/j.marpolbul.2020.110891> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

EOS - Environment & Oil Spill Response. An analytic tool for environmental assessments to support oil spill response planning: Framework, principles, and proof-of-concept by an Arctic example

Wegeberg, S.; Fritt-Rasmussen, J.; Gustavson, K.; **Lilover, Madis-Jaak**; Boertmann, D.; Christensen, T.; Johansen, K. L.; Spelling-Clausen, D.; Riget, F.; Mosbech, A. Marine pollution bulletin 2024 / art. 115948 <https://doi.org/10.1016/j.marpolbul.2023.115948> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Erratum to Long-term forest composition and its drivers in taiga forest in NW Russia (Veget Hist Archaeobot, DOI 10.1007/s00334-015-0542-y)

Kuosmanen, Niina; Seppä, Heikki; **Reitalu, Triin**; Alenius, Teija; Bradshaw, Richard H. W.; Clear, Jennifer L.; Filimonova, Ludmila; Kuznetsov, Oleg; Kuznetsov, Oleg Vegetation History and Archaeobotany 2016 / p. 237 - 238 <https://doi.org/10.1007/s00334-015-0547-6>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ESTCube-1 in-orbit experience and lessons learned

Slavinskis, Andris; Pajusalu, Mihkel; Kuuste, Henri; Ilbis, Erik; Eenmäe, Tõnis; Sunter, Indrek; Laizans, Kaspars; **Ehrpais, Hendrik**; **Liias, Paul**; Kulu, Erik IEEE aerospace and electronic systems magazine 2015 / art. 7286959, p. 12-22 : ill
<https://doi.org/10.1109/MAES.2015.150034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ESTCube-1 nanosatellite for electric solar wind sail demonstration in low Earth Orbit

Kulu, Erik; Slavinskis, Andris; Kvell, Urmas; Pajusalu, Mihkel; Kuuste, Henri; Sünter, Indrek; Ilbis, Erik; Eenmäe, Tõnis; Laizāns, Kaspars; **Vahter, Andres**; Eilonen, Elo; Kalde, Jaanus; **Liias, Paul**; Sisask, Andreas; Kimmel, Lauri; Allik, Viljo; Latt, Silver; Noorma, Mart 64th International Astronautical Congress 2013 (IAC 2013) : Beijing, China, 23 - 27 September 2013 2013 / p. 3898 - 3902
https://www.researchgate.net/publication/289349984_ESTCube-1_nanosatellite_for_electric_solar_wind_sail_demonstration_in_low_Earth_Orbit
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

Estimates of entrainment in the Denmark Strait overflow plume from CTD/LADCP data

Zhubas, Victor; Paka, Vadim; Rudels, B.; Quadfasel, D. Oceanology 2016 / p. 205-213 : ill
<https://doi.org/10.1134/S0001437016020223> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estimates of the lateral eddy diffusivity in the Indian Ocean as derived from drifter data

Zhubas, Victor; Lyzhkov, D.A.; Kuzmina, N.P. Oceanology 2014 / p. 281-288 : ill <https://doi.org/10.1134/S0001437014030163> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estimation of energy-saving potential and indoor thermal comfort by the central control of the heating curve in old apartment buildings

Hajian, Hatef; Ahmed, Kaiser; **Kurnitski, Jarek** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 09002, 10 p. : ill <https://doi.org/10.1051/e3sconf/202124609002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Estimation of gap fraction and foliage clumping in forest canopies

Kuusk, Andres; Pisek, Jan; Lang, Mait; **Märdla, Silja** Remote sensing 2018 / art. 1153, 17 p. : ill <https://doi.org/10.3390/rs10071153> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estonia and Antarctica

Kaup, Enn; Tammiksaar, Erki Polar record 2013 / p. 1-8 : ill <https://doi.org/10.1017/S0032247411000234> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estonian graptolite argillites revisited : a future resource?

Hade, Sigrid; **Soesoo, Alvar** Oil shale 2014 / p. 4-18 : ill https://artiklid.elnet.ee/record=b2664044*est <https://doi.org/10.3176/oil.2014.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estonian phosphate rock dissolution in hydrochloric acid : optimization of acid dosage and concentration

Tõnsuaadu, Kaia; **Kallas, Juha**; **Kallaste, Toivo**; **Urtson, Kristjan**; **Einard, Marve**; **Martin, Rasmus**; **Kuusik, Rein**; **Triikkel, Andres** Minerals 2023 / art. 578 <https://doi.org/10.3390/min13040578> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estuarine circulation reversals and related rapid changes in winter near-Bottom oxygen conditions in the Gulf of Finland, Baltic Sea

Liblik, Taavi; **Laanemets, Jaan**; **Raudsepp, Urmas**; **Elken, Jüri**; **Suhhova, Irina** Ocean Science 2013 / p. 917 - 930 <https://doi.org/10.5194/os-9-917-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

European mining and the social license to operate

Lesser, Pamela; Gugerell, Katharina; Poelzer, Gregory; **Hitch, Michael William**; Tost, Michael The Extractive industries and society 2020 / art. 787, 8 p <https://doi.org/10.1016/j.exis.2020.07.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

European pollen-based REVEALS land-cover reconstructions for the Holocene : methodology, mapping and potentials

Githumbi, Esther; Fyfe, Ralph; Gaillard, Marie-Jose; Trondman, Anna-Kari; Mazier, Florenze; Nielsen, Anne Birgitte; **Poska, Anneli**; Sugita, Shinya; **Veski, Siim** Earth system science data 2022 / p. 1581–1619 <https://doi.org/10.5194/essd-14-1581-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluating the potential of Estonia as European REE recycling capital via an environmental social governance risks assessment model

Paat, Andrus; **Veetil, Sanoop Kumar Puthiya**; **Karu, Veiko**; **Hitch, Michael William** The Extractive industries and society 2021 / art. 100767, 8 p <https://doi.org/10.1016/j.exis.2020.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of Estonian phosphate rock by flotation

Yang, Xiaosheng; **Tamm, Kadriann**; **Piir, Indrek**; **Kuusik, Rein**, **keemik**; **Triikkel, Andres**; **Tõnsuaadu, Kaia** Minerals engineering 2021 / art. 107127, 10 p. : ill <https://doi.org/10.1016/j.mineng.2021.107127> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of new applications of oil shale ashes in building materials

Usta, Mustafa Cem; **Yörük, Can Rüstü**; **Hain, Tiina**; **Paaver, Peeter**; **Snellings, Ruben**; **Rozov, Eduard**; **Gregor, Andre**; **Kuusik, Rein**, **keemik**; **Triikkel, Andres**; **Uibu, Mai** Minerals 2020 / art. 765, 19 p. : ill <https://doi.org/10.3390/min10090765> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evidence based residential ventilation: sizing procedure and system solutions addressed by REHVA Residential Ventilation Task Force

Kurnitski, Jarek; **Thalfeldt, Martin**; Weele, Harry van; Toksoy, Macit; Carlsson, Thomas; Vladykova Bednarova, Petra; Seppänen, Olli E3S Web of Conferences : CLIMA 2019 Congress, May 26-29, 2019 2019 / art. 01016, 7 p <https://doi.org/10.1051/e3sconf/201911101016> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Evolution of fluvial system during the Pleistocene warm stage (Marine Isotope Stage 7) - a case study from the Bladzikowo Formation, NPoland

Sokolowski, Robert J.; Janowski, Lukasz; Hrynowiecka, Anna; **Molodkov, Anatoli** Quaternary international 2019 / p. 109-119 : ill <https://doi.org/10.1016/j.quaint.2017.09.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Examining Lagrangian surface transport during a coastal upwelling in the Gulf of Finland, Baltic Sea

Delpeche-Ellmann, Nicole Camille; **Mingelaite, Toma**; **Soomere, Tarmo** Journal of marine systems 2017 / p. 21-30 : ill <https://doi.org/10.1016/j.jmarsys.2016.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Examining the performance of along track multi-mission satellite altimetry – a case study for Sentinel-6

Heinoja, Lenne-Liisa; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Journal of geodetic science 2023 / art. 20220159 <https://doi.org/10.1515/jogs-2022-0159> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exotic Devonian palynomorphs from the Sifa-1X well in the Western Desert, Egypt

Makled, Walid A.; **Hints, Olle**; Hosny, Atef M.; Shahat, Wafaa I.; Gentzis, Thomas Palynology 2021 / p. 363-380 : ill

<https://doi.org/10.1080/01916122.2020.1829726> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental modeling of CO₂-fluid-rock interaction: The evolution of the composition and properties of host rocks in the Baltic Region

Šogenov, Kazbulat; Šogenova, Alla; Vizika-Kavvadias, Olga; Nauroy, Jean-François Earth and Space Science 2015 / p. 262 -

284 <https://doi.org/10.1002/2015EA000105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental statistics of long wave runup on a plane beach

Denissenko, Petr; **Didenkulova, Irina; Rodin, Artem; Listak, Madis**; Pelinovsky, Efim Journal of coastal research 2013 / p. 195-

200 : ill <https://doi.org/10.2112/SI65-034.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Experimental study of radiator, underfloor, ceiling and air heater systems heat emission performance in TUT nZEB test facility

Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania,

May 26-29, 2019 2019 / art. 04005, 7 p <https://doi.org/10.1051/e3sconf/201911104005> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Experimental testing of exterior wall mounted mechanical ventilation exhaust air outlet devices

Palmiste, Ülar; Meier, Tauno; Kurnitski, Jarek; Voll, Hendrik E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 /

art. 02001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124602001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Experiments on Microclimatically adapt a courtyard to climate change

Naboni, Emanuele; Siani, Rossella; Turrini, Marcello; Touloupaki, Eleftheria; Gherri, Barbara; **De Luca, Francesco** Iop Conference

Series: Earth and Environmental Science 2023 / art. 012032 <https://doi.org/10.1088/1755-1315/1196/1/012032> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Exploring the three-dimensional vasculature of dermal hard tissues in thyestiid osteostracans using synchrotron radiation microtomography

Bremer, Oskar; Qu, Qingming; Sanchez, Sophie; **Märss, Tiit**; Fernandez, Vincent; Blom, Henning Journal of Vertebrate Paleontology

2022 / art. e2196318 <https://doi.org/10.1080/02724634.2023.2196318> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extending multi-criteria coastal vulnerability assessment to low-lying inland areas: Examples from Estonia, eastern Baltic Sea

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo Estuarine, coastal and shelf science 2024 / art. 109014

<https://doi.org/10.1016/j.ecss.2024.109014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extending the observed Baltic Sea wave climate back to the 1940s

Soomere, Tarmo Journal of coastal research 2013 / p. 1969-1974 : ill <https://doi.org/10.2112/si65-333.1> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extent of geotechnical site investigations for buildings in Estonia

Leetsaar, Lehar; Korkiala-Tanttu, Leena; Jaaniso, Valdo; **Kurnitski, Jarek; Idnurm, Juhan** 14th Baltic Sea Region Geotechnical

Conference : 18-19th of January 2021, Helsinki, Finland 2021 / art. 012001, 12 p. : ill <https://doi.org/10.1088/1755-1315/727/1/012001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Extraction of oil from Jordanian Attarat oil shale

Tiikma, Laine; Johannes, Ille; Luik, Hans; Lepp, Ardi; Šarajeva, Galina Oil shale 2015 / p. 218-239 : ill

<https://doi.org/10.3176/oil.2015.3.03> https://artiklid.elnet.ee/record=b2740510*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Factors affecting the chemical composition of snowpack in the Kilpisjärvi area of North Scandinavia

Raidla, Valle; Kaup, Enn; Ivask, Jüri Atmospheric Environment 2015 / p. 211 - 218 <https://doi.org/10.1016/j.atmosenv.2015.07.043>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Factors affecting the deep renovation of a single-family building – a case study

Bergmann, Triinu; Ruus, Aime; Kalbe, Kristo; Kiviste, Mihkel; Tintera, Jiri E3S Web Conference: Cold Climate HVAC and

Energy 2021 2021 / art. 05004, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124605004> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Fast ship prototype design simulation with fin stabilizer on hydrodynamic characteristics for ship realization planning

Diatmaja, Hananta; Prabowo, Aditya Rio; Muhayat, Nurul; Tuswan, Tuswan; **Putranto, Teguh** IOP Conference Series: Earth and

Feature article: Firmware updating systems for nanosatellites

Sünter, Indrek; Slavinskis, Andris; Kvell, Urmas; **Vahter, Andres**; Kuuste, Henri; Noorma, Mart; Kutt, Johan; Vendt, Riho; Tarbe, Karl; Pajusalu, Mihkel; Veske, Mihkel; Ilves, Taavi IEEE Aerospace and Electronic Systems Magazine 2016 / p. 36 - 44

<https://doi.org/10.1109/MAES.2016.150162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Field experiments with different fractions of painted sediments to study material transport in three coastal sites in Estonia

Tõnisson, Hannes; **Eelsalu, Maris**; Pindsoo, Katri Journal of coastal research 2014 / p. 229-234 : ill <https://doi.org/10.2112/SI70-039.1>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fine clay shuttle as a key mechanism for V hyper-enrichment in shallow water Tremadocian black shale from Baltica

Ndiaye, Mawo; Pajusaar, Siim; Liiv, Merlin; Graul, Sophie Jane Marie-Pascale Huguette; Kallaste, Toivo; Hints, Rutt

Chemical geology 2023 / art. 121583 <https://doi.org/10.1016/j.chemgeo.2023.121583> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Finite-time compressibility as an agent of frequent spontaneous patch formation in the surface layer: A case study for the Gulf of Finland, the Baltic Sea

Giudici, Andrea; Soomere, Tarmo Marine pollution bulletin 2014 / p. 239-249 : ill <https://doi.org/10.1016/j.marpolbul.2014.09.053>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fire and mechanical properties of hemp and clay boards for timber structures

Kallakas, Heikko; Liblik, Johanna; Alao, Percy Festus; Poltimäe, Triinu; Just, Alar; Kers, Jaan IOP conference series : earth and environmental science Central Europe towards Sustainable Building (CESB19) 2–4 July 2019, Prague, Czech Republic 2019 /

art. 012019, 8 p. : ill <https://doi.org/10.1088/1755-1315/290/1/012019> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Fire frequency during the Holocene in central Latvia, northeastern Europe

Steinberga, Dace; **Stivrīns, Normunds** Estonian journal of earth sciences 2021 / p. 127-139 : ill <https://doi.org/10.3176/earth.2021.09>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fire hazard modulation by long-term dynamics in land cover and dominant forest type in eastern and central Europe

Feurdean, Angelica; Vanniere, Boris; Finsinger, Walter; **Poska, Anneli**; **Vassiljev, Jüri**; **Veski, Siim** Biogeosciences 2020 / p.

1213–1230 <https://doi.org/10.5194/bg-17-1213-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at](#)

[WOS](#)

First description of rare Teichichnus burrows from carbonate rocks of the Lower Paleozoic of Estonia

Vinn, Olev; **Toom, Ursula** Carnets de geologie 2018 / p. 305-312 : ill <https://doi.org/10.4267/2042/68550> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First documentation of Llandovery (Silurian) conodont genus Astropentagnathus in China (Langao, Shaanxi Province) and the age of Baiyaya Formation

Chen, Zhong-Yang; **Männik, Peep**; Wang, Xin; Li, Chao; Wang, Jian Palaeoworld 2020 / p. 662-671

<https://doi.org/10.1016/j.palwor.2019.11.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First ice core records of NO₃– stable isotopes from Lomonosovfonna, Svalbard

Vega, Carmen Paulina; Pohjola, Veijo Allan; Samyn, Denis; Pettersson, Rickard; Isaksson, Elisabeth; Björkman, Mats P.; **Martma,**

Tõnu; Marca, Alina D.; Kaiser, Jan Journal of Geophysical Research 2015 / p. 313 - 330 <https://doi.org/10.1002/2013JD020930> [Journal](#)

[metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First record of the early sheinwoodian carbon isotope excursion (ESCIE) from the Barrandian area of northwestern peri-Gondwana

Fryda, Jiri; **Lehnert, Oliver**; Joachimski, Michael Estonian Journal of Earth Sciences 2015 / p. 42 - 46

<https://doi.org/10.3176/earth.2015.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First record of the trace fossil Oikobesalon from the Late Ordovician (Sandbian) of Russia

Vinn, Olev; **Toom, Ursula** Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2023 / p. 43-48

<https://doi.org/10.1127/njgpa/2023/1147> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First record of the trace fossil Oikobesalon from the Ordovician (Darriwilian) of Baltica

Vinn, Olev; **Toom, Ursula** Estonian journal of earth sciences 2014 / p. 118-121 : ill https://artiklid.elnet.ee/record=b2673778*est

<https://doi.org/10.3176/earth.2014.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First symbiotic association between hederelloids and rugose corals (latest Silurian of Saaremaa, Estonia)

Vinn, Olev; **Wilson, Mark A.**; Madison, Anna; Kazantseva, Elizaveta; **Toom, Ursula** Palaios 2022 / p. 368–373 : ill., map

<https://doi.org/10.2110/palo.2022.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fluid source and methane-related diagenetic processes recorded in cold seep carbonates from the Alvheim channel, central North Sea

Cremiere, Antoine; **Lepland, Aivo**; Chand, Shyam; **Martma, Tõnu** Chemical geology 2016 / p. 16-33 : ill

<https://doi.org/10.1016/j.chemgeo.2016.03.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fluorescence spectroscopy of sedimentary pore-water humic substances : a simple tool for retrospective analysis of lake ecosystems

Leeben, Aina; Mikomägi, Annika; **Lepane, Viia**; **Alliksaar, Tiiu** Journal of soils and sediments 2014 / p. 269-279 : ill

<https://doi.org/10.1007/s11368-013-0768-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Food availability and temperature optima shaped functional composition of chironomid assemblages during the Late Glacial–Holocene transition in Northern Europe

Stivrinš, Normunds; Belle, Simon; Trasune, Liva; **Blaus, Ansis**; **Salonen, Sakari** Quaternary science reviews 2021 / art. 107083

<https://doi.org/10.1016/j.quascirev.2021.107083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Forecasting of absolute dynamic topography using deep learning algorithm with application to the Baltic Sea

Rajabi-Kiasari, Saeed; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Computers & geosciences 2023 / art. 105406, 16 p. :

ill <https://doi.org/10.1016/j.cageo.2023.105406> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fossilized reproductive modes reveal a protistan affinity of Chitinozoa

Liang, Yan; **Hints, Olle**; Tang, Peng; Cai, Chenyang; Goldman, Daniel; **Nölvak, Jaak**; Tihelka, Erik; Pang, Ke; Bernardo, Joseph;

Wang, Wenhui Geology 2020 / p. 1200-1204 <https://doi.org/10.1130/G47865.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fostering circular economy approach in extractive industry-related study programs – the CIRCEXTIN project

Lutynski, M.; Murphy, M.; **Šogenov, Kazbulat**; **Šogenova, Alla**; Wolf, K.-H.; Soleymani Shishvan, M.; Ortega, M.F.; García-Martínez, M.J.; Mora, P.; Mazurek, M. IOP conference series : earth and environmental science 2023 / art. 012007, 6 p. : ill

<https://doi.org/10.1088/1755-1315/1132/1/012007> [Conference proceedings at Scopus](#) [Article at Scopus](#)

14,000 years of climate-induced changes in carbon resources sustaining benthic consumers in a small boreal lake (Lake Tollari, Estonia)

Belle, Simon; **Poska, Anneli**; Hossann, Christian; Tõnno, Ilmar Climatic change 2017 / p. 205-219 : ill [https://doi.org/10.1007/s10584-](https://doi.org/10.1007/s10584-017-2074-1)

[017-2074-1](https://doi.org/10.1007/s10584-017-2074-1) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From bog to fen : palaeoecological reconstruction of the development of a calcareous spring fen on Saaremaa, Estonia

Blaus, Ansis; **Reitalu, Triin**; **Amon, Leeli**; **Vassiljev, Jüri**; **Alliksaar, Tiiu**; **Veski, Siim** Vegetation history and archaeobotany 2020

/ p. 373–391 : ill <https://doi.org/10.1007/s00334-019-00748-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From deglaciation to the Early Holocene in the northern Appalachians : A multiproxy palaeoenvironmental record from Scotstown Bog, Québec, Canada

Amon, Leeli; St-Jacques, Jeannine-Marie; Ershova, Ekaterina; Hargan, Kathryn E.; Whyte, Charlotte Mary Cotter; Sachse, Dirk;

Rach, Oliver; Peros, Matthew Charles Journal of Quaternary Science 2024 / p. 1-16 <https://doi.org/10.1002/jqs.3685> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From discrete gravity survey data to a high-resolution gravity field representation in the Nordic-Baltic region

Märdla, Silja; Agren, Jonas; Strykowski, Gabriel; Oja, Tõnis; **Ellmann, Artu** Marine geodesy 2017 / p. 416-453 : ill

<https://doi.org/10.1080/01490419.2017.1326428> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From green to brown: two decades of darkening coastal water in the Gulf of Riga, the Baltic Sea

Aigars, Juris; Suhareva, Natalija; Cepite-Frisfelde, Daiga; Kokorite, Ilga; **lital, Arvo**; Skudra, Maris; Viska, Maija Frontiers in marine

science 2024 / art. 1369537 <https://doi.org/10.3389/fmars.2024.1369537> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From microbial eukaryotes to metazoan vertebrates : Wide spectrum paleo diversity in sedimentary ancient DNA over the last ~14,500 years

Kisand, Veljo; Talas, Liisi; Kisand, Anu; Stivrinš, Normunds; **Reitalu, Triin**; **Alliksaar, Tiiu**; **Vassiljev, Jüri**; **Liiv, Merlin**; **Heinsalu,**

Atko; Seppä, Heikki; **Veski, Siim** Geobiology 2018 / p. 628-639 : ill <https://doi.org/10.1111/gbi.12307> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From migmatites to plutons : power law relationships in the evolution of magmatic bodies

Soesoo, Alvar; Bons, Paul Dirk Pure and Applied Geophysics 2015 / p. 1787 - 1801 <https://doi.org/10.1007/s00024-014-0995-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From the molecules of resorcinolic lipids to alga G. prisca globular colonies in kukersite microfossils : a multiscale

simulation study

Kaevand, Toomas; Lille, Ülo Oil shale 2020 / p. 281-287 : ill <https://doi.org/10.3176/oil.2020.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Full-scale tests on the co-firing of peat and oil shale in an oil shale fired circulating fluidized bed boiler

Pihu, Tõnu; Konist, Alar; Nešumajev, Dmitri; Loo, Lauri; Molodtsov, Artjom; Valtsev, Aleksandr Oil shale 2017 / p. 250-262 : ill http://www.ester.ee/record=b1072685*est <https://doi.org/10.3176/oil.2017.3.04> https://artiklid.elnet.ee/record=b2824316*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Functional characteristics of trash fish in Lamongan Regency, East Java, Indonesia

Anam, Choirul; Harini, Noor; Damat, Damat; Setyobudi, Roy Hendroko; Ekawati, Ida; **Liblik, Taavi;** Purbajanti, Endang Dwi; Bernedektus, Hendrikus; Souripet, Loli Melani; Fauzi, Ahmad E3S Web of Conferences : International Conference on Bioenergy and Environmentally Sustainable Agriculture 2023 / art. 00007, 12 p. : ill <https://doi.org/10.1051/e3sconf/202343200007> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Fuzzy analytical hierarchy process based environmental, social and governance risks assessment for the future phosphorite mining in Estonia

Paat, Andrus; Majak, Jüri; Karu, Veiko; Hitch, Michael William Extractive Industries and Society 2024 / art. 101438 <https://doi.org/10.1016/j.exis.2024.101438> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gas-chromatographic determination of sulfur compounds in the gasoline fractions of shale oil and oil obtained from used tires

Pihl, Olga; Niidu, Allan; Merkulova, Nadežda; Fomitšov, Mihhail; Siirde, Andres; Tšepelevitš, Maria Oil shale 2019 / p. 188–196 : ill http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-188-196.pdf <https://doi.org/10.3176/oil.2019.2S.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

General geology and geochemistry of the Lokpanta Formation oil shale, Nigeria

Ofili, Sylvester; **Soesoo, Alvar** Oil shale 2021 / p. 1-25 : ill <https://doi.org/10.3176/oil.2021.1.01> https://kirj.ee/wp-content/plugins/kirj/pub/OS-1-2021-1-25_20210222114545.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Generation of large pollution patches via collisions of sticky floating parcels driven by wind and surface currents

Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo Marine pollution bulletin 2019 / p. 573–585 : ill <https://doi.org/10.1016/j.marpolbul.2019.02.039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geochemical discrimination of the Upper Ordovician Kinnekulle Bentonite in the Billegrav-2 drill core section, Bornholm, Denmark

Kiipli, Tarmo; Kallaste, Toivo; Nielsen, Arne T.; Schovsbo, Niels H.; **Siir, Sven** Estonian journal of earth sciences 2014 / p. 264-270 : ill https://artiklid.elnet.ee/record=b2705908*est <https://doi.org/10.3176/earth.2014.29> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geochemical evolution of caledonian volcanism recorded in the sedimentary rocks of the Eastern Baltic region

Kiipli, Tarmo; Soesoo, Alvar; Kallaste, Toivo Geological Society, London, Special Publications 2014 / p. 177-192 <https://doi.org/10.1144/SP390.5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Geochemical heterogeneity of Estonian graptolite argillite

Voolma, Margus; Soesoo, Alvar; Hade, Sigrid; Hints, Rutt; Kallaste, Toivo Oil shale 2013 / p. 377-401 : ill https://artiklid.elnet.ee/record=b2633538*est <https://doi.org/10.3176/oil.2013.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geochemical processes controlling ionic composition of water in the catchments of lakes Saana and Saanalampi in the Kilpisjärvi area of North Scandinavia

Raidla, Valle; **Kaup, Enn;** Hade, Sigrid; **Ivask, Jüri; Soesoo, Alvar** Geosciences 2019 / art. 174, 18 p. : ill <https://doi.org/10.3390/geosciences9040174> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geochemical reconstruction of the provenance, tectonic setting and paleoweathering of lower Paleozoic black shales from Northern Europe

Ofili, Sylvester; **Soesoo, Alvar;** Panova, Elena G.; **Hints, Rutt; Hade, Sigrid;** Ainsaar, Leho Minerals 2022 / art. 602 <https://doi.org/10.3390/min12050602> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geochemical study of stable carbon and oxygen isotopes in landfilled Ca-rich oil shale ash

Leben, Kristjan; Mötlep, Riho; Paaver, Peeter; **Konist, Alar; Pihu, Tõnu;** Kirsimäe, Kalle Estonian journal of earth sciences 2020 / p. 134-142 : ill <https://doi.org/10.3176/earth.2020.09> https://kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2020/issue_3/earth-2020-3-121-133.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geochemistry, mineral chemistry and pressure-temperature conditions of the Jõhvi magnetite quartzites and magnetite-rich gneisses, NE Estonia

Soesoo, Alvar; Nirgi, Siim; **Urtson, Kristjan;** Voolma, Margus Estonian journal of earth sciences 2021 / p. 71-93 : ill <https://doi.org/10.3176/earth.2021.05> https://kirj.ee/wp-content/plugins/kirj/pub/Erratum-Table7-earth-3-2021_20210818083054.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A geochronological review of magmatism along the external margin of Columbia and in the Grenville-age orogens forming the core of Rodinia

Johansson, Ake; Bingen, Bernard; Huhma, Hannu; Waight, Tod; Vestergaard, Rikke; **Soesoo, Alvar;** Skridlaite, Grazina; Krzeminska, Ewa; Shumlyansky, Leonid; Holland, Mark E. Precambrian research 2022 / art. 106463, p. 1-43 : ill <https://doi.org/10.1016/j.precamres.2021.106463> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geodetic reconciliation of tide gauge network in Estonia

Kollo, Karin; **Ellmann, Artu** Geophysica 2019 / p. 27–38 : ill http://www.geophysica.fi/pdf/geophysica_2019_54_kollo.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Geodetic SAR for height system unification and sea level research - observation concept and preliminary results in the Baltic Sea

Gruber, Thomas; Agren, Jonas; Angermann, Detlef; **Ellmann, Artu;** Engfeldt, Andreas; Gisinger, Christoph; Jaworski, Leszek; **Varbla, Sander** Remote sensing 2020 / art. 3747, 30 p. : ill <https://doi.org/10.3390/rs12223747> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geodetic SAR for height system unification and sea level research-results in the Baltic Sea test network

Gruber, Thomas; Agren, Jonas; Angermann, Detlef; **Ellmann, Artu;** Engfeldt, Andreas; Gisinger, Christoph; Jaworski, Leszek; Kur, Tomasz; Marila, Simo; Varbla, Sander Remote sensing 2022 / art. 3250 <https://doi.org/10.3390/rs14143250> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geoid modeling by the least squares modification of Hotine's and Stokes' formulae using non-gridded gravity data

Sakil, Fatima Feyza; Erol, Serdar; **Ellmann, Artu;** Erol, Bihter Computers & geosciences 2021 / art. 104909 <https://doi.org/10.1016/j.cageo.2021.104909> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

GIS-based multiproxy coastline reconstruction of the eastern Gulf of Riga, Baltic Sea, during the Stone Age

Habicht, Hando-Laur; Rosentau, Alar; Jõeleht, Argo; **Heinsalu, Atko;** Kriiska, Aivar; Kohv, Marko; Hang, Tiit; Aunap, Raivo Boreas 2017 / p. 83-99 : ill <https://doi.org/10.1111/bor.12157> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Going digital, staying secure : cyber ERM activities in a post-pandemic setup

Carlo, Antonio; Casamassima, Francesca IAC 2022 congress proceedings 2022 / art. 70417 <https://iafaastro.directory/iac/paper/id/70417/summary/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Gravity anomaly field over Estonia

Oja, Tõnis; **Ellmann, Artu;** Märdla, Silja Estonian journal of earth sciences 2019 / p.55-75 : ill http://www.eap.ee/public/Estonian_Journal_of_Earth_Sciences/2019/issue_2/earth-2019-2-55-75.pdf <https://doi.org/10.3176/earth.2019.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gray box time variant clogging behaviour and pressure drop prediction of the air filter in the HVAC system

Alimohammadi, Hossein; Vassiljeva, Kristina; **Petlenkov, Eduard;** Thalfeldt, Martin; **Mikola, Alo;** Kull, Tuule Mall; **Köse, Ahmet** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 10002 <https://doi.org/10.1051/e3sconf/202124610002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Groundwater and global palaeoclimate signals

Chen, Jianyao; Haldorsen, Sylvi; **Vaikmäe, Rein** Quaternary international 2020 / p. 1-6 : phot <https://doi.org/10.1016/j.quaint.2020.06.028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Groundwater and Global Palaeoclimate Signals (G@GPS)

Haldorsen, Sylvi; Ploeg, Martine J. van der; Cendon, Dioni I.; **Vaikmäe, Rein** Episodes 2016 / p. 556-567 : ill <https://doi.org/10.18814/epiugs/2016/v39i4/103888> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Growth characteristics of Protoheliolites norvegicus (Tabulata; Upper Ordovician; Estonia)

Liang, Kun; Lee, Dong-Jin; Elias, Robert J.; **Pärnaste, Helje;** **Mõtus, Mari-Ann** Palaeontology 2013 / p. 867 - 891 <https://doi.org/10.1111/pala.12022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Halogen chemistry and hydrogen isotopes of apatite from the >3.7 Ga Isua supracrustal belt, SW Greenland

Wudarska, Alicja; Wiedenbeck, Michael; Slaby, Ewa; **Lepland, Aivo** Precambrian research 2018 / p. 153-164 : ill <https://doi.org/10.1016/j.precamres.2018.02.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hazardous substances in the sediments and their pathways from potential sources in the eastern Gulf of Finland

Kuprijanov, Ivan; **Väli, Germa;** Sharov, Andrey; Berezina, Nadezhda; **Liblik, Taavi;** **Lips, Urmas;** Kolesova, Natalja; Maanio,

Jaakko; Junttila, Ville; **Lips, Inga** Marine pollution bulletin 2021 / art. 112642, 19 p. : ill <https://doi.org/10.1016/j.marpolbul.2021.112642>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Heat capacity of kukersite oil shale : literature overview

Savest, Natalja; Oja, Vahur Oil shale 2013 / p. 184-192 : ill https://artiklid.elnet.ee/record=b2621584*est
<https://doi.org/10.3176/oil.2013.2.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Heat recovery ventilation system heating energy weather normalization – calculation method and case study

Kuivjõgi, Helena; Laaneste, Janar; Thalfeldt, Martin; Kurnitski, Jarek E3S Web Conference: BuildSim Nordic 2022 2022 / art. 09003 <https://doi.org/10.1051/e3sconf/202236209003> [Conference proceedings at Scopus](#) [Article at Scopus](#)

High selective oil shale mining

Väizene, Vivika; Valgma, Ingo; Iskül, Riho; Kolats, Margit; Nurme, Martin; Karu, Veiko Oil shale 2013 / p. 305-325 : ill https://artiklid.elnet.ee/record=b2631753*est <https://doi.org/10.3176/oil.2013.2S.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-energy sources at low radio frequency : the Murchison Widefield Array view of Fermi blazars

Giroletti, M.; Massaro, F.; D'Abrusco, R.; **Kudryavtseva, Nadezhda** Astronomy and astrophysics 2016 / p. 1-9 : ill [httpS://doi.org/10.1051/0004-6361/201527817](https://doi.org/10.1051/0004-6361/201527817) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Highly insulated crawl spaces with controlled minimal ventilation – proof of concept by field measurements

Airaksinen, Miimu; Olsson, Lars; **Kurnitski, Jarek**; Hvidberg, Staffan E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 07004, 5 p. : ill <https://doi.org/10.1051/e3sconf/202017207004>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

High-resolution characterization of the development and decay of seasonal hypoxia in the Gulf of Riga, Baltic Sea

Liblik, Taavi; Stoicescu, Stella-Theresa; Buschmann, Fred; Lilover, Madis-Jaak; Lips, Urmas Frontiers in marine science 2023 / art. 1119515 <https://doi.org/10.3389/fmars.2023.1119515> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-resolution dynamics of the spring bloom in the Gulf of Finland of the Baltic Sea

Lips, Inga; Rünk, Nelli; Kikas, Villu; Meerits, Aet; Lips, Urmas Journal of marine systems 2014 / p. 135-149 : ill <https://doi.org/10.1016/j.jmarsys.2013.06.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-resolution seismic imaging of Paleozoic rocks in the Mora area, Siljan Ring structure, central Sweden

Muhamad, Harbe; Juhlin, Christopher; Sopher, Daniel; **Lehnert, Oliver**; Arslan, Arzu; Meinhold, Guido GFF 2017 / p. 260-275 : ill <https://doi.org/10.1080/11035897.2017.1386712> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-resolution trilobite stratigraphy of the Lower–Middle Ordovician Öland Series of Baltoscandia

Pärmaste, Helje; Bergström, Jan; Zhiyi, Zhou Geological magazine 2013 / p. 509-518 : ill <https://pubs.geoscienceworld.org/geolmag/article-abstract/150/3/509/299539/High-resolution-trilobite-stratigraphy-of-the>
<https://doi.org/10.1017/S0016756812000908> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hindcast of the mesoscale eddy field in the Southeastern Baltic Sea: Model output vs satellite imagery

Zhubas, Victor; **Väli, Germo**; Kostianoy, Andrey; Lavrova, Olga Russian journal of earth sciences 2019 / art. 46591, 17 p. : ill <https://doi.org/10.2205/2019ES000672> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hirnantian (Late Ordovician) brachiopod faunas across Baltoscandia : a global and regional context

Harper, David A. T.; **Hints, Linda** Palaeogeography, palaeoclimatology, palaeoecology 2016 / p. 71-83 <https://doi.org/10.1016/j.palaeo.2015.11.044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hirnantian sea-level changes in the Baltoscandian Basin, a review

Kiipli, Enli; **Kiipli, Tarmo** Palaeogeography, palaeoclimatology, palaeoecology 2020 / art. 109524, 13 p. : ill <https://doi.org/10.1016/j.palaeo.2019.109524> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Holes in the spinous processes of woolly mammoth vertebrae: spatial and temporal distribution, and the causes of pathology formation

Leshchinskiy, Sergey V.; Kuzmin, Yaroslav V.; Boudin, Mathieu; **Amon, Leeli** The Journal of Quaternary Science 2021 / p. 1254-1267 <https://doi.org/10.1002/jqs.3360> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Holocene fire activity during low-natural flammability periods reveals scale-dependent cultural human-fire relationships in Europe

Dietze, Elisabeth; Theuerkauf, Martin; Bloom, Karolina; **Poska, Anneli; Stivrinš, Normunds; Vassiljev, Jüri; Veski, Siim** Quaternary science reviews 2018 / p. 44-56 : ill <https://doi.org/10.1016/j.quascirev.2018.10.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Holocene hydroclimate variability of the Baltic region inferred from stable isotopes, d-excess and multi-proxy data at lake Nuudsaku, Estonia (NE Europe)

Eensalu, Mariliis; Nelson, Daniel B.; Buczynska, Anna; Rach, Oliver; Luoto, Tomi P.; **Poska, Anneli**; Klein, Eric S.; Stansell, Nathan D. Quaternary Science Reviews 2024 / 18 p. : ill <https://doi.org/10.1016/j.quascirev.2024.108736> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Holocene rapid climate changes and ice-rafting debris events reflected in high-resolution European charcoal records

Florescu, Gabriela; Brown, Kendrick J.; Carter, Vachel A.; **Veski, Siim** Quaternary science reviews 2019 / art. 105877, 13 p. : ill <https://doi.org/10.1016/j.quascirev.2019.105877> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A holocene relative sea-level database for the Baltic Sea

Rosentau, Alar; Klemann, Volke; Bennike, Ole; Steffen, Holger; Wehr, Jasmin; Latinović, Milena; Bagge, Meike; Ojala, Antti; Berglund, Mikael; Becher, Gustaf Peterson; Schoning, Kristian; Hansson, Anton; Nielsen, Lars; Clemmensen, Lars B.; Hede, Mikkel U.; Kroon, Aart; Pejrup, Morten; Sander, Lasse; Stattegger, Karl; Schwarzer, Klaus; Lampe, Reinhard; Lampe, Matthias; Uscinowicz, Szymon; Bitinas, Albertas; Grudzinska, Ieva; **Vassiljev, Jüri**; Nirgi, Triine; Kublitskiy, Yuriy; Subetto, Dmitry Quaternary Science Reviews 2021 / Art. nr. 107071 <https://doi.org/10.1016/j.quascirev.2021.107071> [Jornal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Holocene shifts in the primary producer community of large, shallow European Lake Peipsi, inferred from sediment pigment analysis

Tönno, Ilmar; Nauts, Kristiina; Belle, Simon; **Alliksaar, Tiit** Journal of paleolimnology 2019 / p. 403–417 : ill <https://doi.org/10.1007/s10933-019-00067-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How to compare energy performance requirements of Japanese and European office buildings

Ahmed, Kaiser; Yoon, Gyuyoung; Ukai, Makiko; **Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 03038, 8 p <https://doi.org/10.1051/e3sconf/201911103038> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Human impacts and their interactions in the Baltic Sea region

Reckermann, Marcus; Omstedt, Anders; **Soomere, Tarmo**; Aigars, Juris; **Parnell, Kevin Ellis**; Pons-Seres de Brauer, Cristian; **Poska, Anneli** Earth System Dynamics 2022 / p. 1-80 <https://doi.org/10.5194/esd-13-1-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrogen isotope biogeochemistry of plant waxes in paired lake catchments

Eensalu, Mariliis; Nelson, Daniel B.; Buczynska, Anna; Rach, Oliver; Klein, Eric S.; Dodd, Justin P.; **Poska, Anneli**; Stansell, Nathan D. Organic geochemistry 2023 / art. 104674, 17 p. : ill <https://doi.org/10.1016/j.orggeochem.2023.104674> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrogeological assumptions for stormwater management in Tallinn

Perens, Rein; **Kääd, Arvo**; Raukas, Anto Baltica 2020 / p. 71-84 <https://doi.org/10.5200/baltica.2020.1.7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydromorphological classification using synchronous pressure and inertial sensing

Ristolainen, Asko; Kalev, Kaia; Tuhtan, Jeffrey Andrew; Kuusik, Alar; Kruusmaa, Maarja IEEE transactions on geoscience and remote sensing 2018 / p. 3222-3232 : ill <https://doi.org/10.1109/TGRS.2018.2795641> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrothermal regeneration of ammonium as a basin-scale driver of primary productivity

Stüeken, Eva E.; Kirsimäe, Kalle; **Lepland, Aivo**; Prave, Anthony R. Astrobiology 2023 / p. 195-212 <https://doi.org/10.1089/ast.2021.0203> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hygrothermal performance of paper plaster: influence of different types of paper and production methods on moisture buffering

Soolepp, Mihkel; Ruus, Aime; Nutt, Nele; Raamets, Jane; Kubjas, Ardo E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 14010, 6 p <https://doi.org/10.1051/e3sconf/202017214010> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Ice deformation in the Gulf of Finland in the severe winter of 2002/2003

Pärn, Ove; Haapala, Jari Estonian journal of earth sciences 2013 / p. 15-25 : ill https://artiklid.elnet.ee/record=b2607202*est <https://doi.org/10.3176/earth.2013.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ichnogenus Trypanites in the Ordovician of Estonia (Baltica)

Toom, Ursula; Kuva, Jukka; Knaust, Dirk Estonian journal of earth sciences 2023 / p. 106-109 : ill <https://doi.org/10.3176/earth.2023.48> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification and improvement of critical joints in CLT construction without weather protection

Kalbe, Kristo; Kukk, Villu; Kalamees, Targo E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 10002, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017210002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Identification of areas of frequent patch formation from velocity fields

Giudici, Andrea; Soomere, Tarmo Journal of coastal research 2013 / p. 231-236 : ill <https://doi.org/10.2112/SI65-040> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Identification of mechanisms that drive water level extremes from in situ measurements in the Gulf of Riga during 1961-2017

Männikus, Rain; Soomere, Tarmo; Kudryavtseva, Nadezhda Continental shelf research 2019 / p. 22-36
<https://doi.org/10.1016/j.csr.2019.05.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Immobile and mobile elements during the transition of volcanic ash to bentonite - an example from the early Palaeozoic sedimentary section of the Baltic Basin

Kiipli, Tarmo; Hints, Rutt; Kallaste, Toivo; Verš, Evelin; Voolma, Margus Sedimentary geology 2017 / p. 148-159 : ill
<https://doi.org/10.1016/j.sedgeo.2016.11.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of horizontal eddy-diffusivity on Lagrangian statistics for coastal pollution from a major marine fairway

Viikmäe, Bert; Torsvik, Tomas; Soomere, Tarmo Ocean dynamics 2013 / p. 589-597 : ill <https://doi.org/10.1007/s10236-013-0615-3>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of infiltration on heating systems dimensioning in Estonian climate

Simson, Raimo; Rebane, Taaniel; Kiil, Martin; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 05004, 8 p. : ill
<https://doi.org/10.1051/e3sconf/202017205004> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Impact of internal heat gain profiles on the design cooling capacity of landscaped offices

Seyed Salehi, Seyed Shahabaldin; Ferrantelli, Andrea; Aljas, Hans Kristjan; Kurnitski, Jarek; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 07003, 7 p. : ill <https://doi.org/10.1051/e3sconf/202124607003> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Impact of office tenants' electricity use on the cost-optimal solutions in a cold climate

Kuivjõgi, Helena; Laas, Liina; Ferrantelli, Andrea; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 05001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124605001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Impact of ship-borne nitrogen deposition on the Gulf of Finland ecosystem : an evaluation

Raudsepp, Urmas; Laanemets, Jaan; Maljutenko, Ilja; Hongisto, Marke; Jalkanen, Jukka-Pekka Oceanologia 2013 / p. 837 - 857
<https://doi.org/10.5697/oc.55-4.837> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of surface currents and sea level on the wave field evolution during St. Jude storm in the eastern Baltic Sea

Viitak, Marii; Maljutenko, Ilja; Alari, Victor; Suursaar, Ülo; Rikka, Sander; Lagemaa, Priidik Oceanologia 2016 / p. 176-186 : ill
<https://doi.org/10.1016/j.oceano.2016.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of surface currents on the wave climate in narrow fjords

Christakos, Konstantinos; Björkqvist, Jan-Victor; Breivik, Øyvind; Tuomi, Laura; Furevik, Birgitte R.; Albrechtsen, Jon Ocean Modelling 2021 / Art. 101894 <https://doi.org/10.1016/j.ocemod.2021.101894> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of the physico-chemical properties of fen peat on the metal accumulation patterns in mires of Latvia

Krumins, Janis; Klavins, Maris; Kalnina, Laimdota; Seglins, Valdis; Kaup, Enn Baltica 2016 / p. 19-32 : ill
<https://doi.org/10.5200/baltica.2016.29.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of the Silurian Ireviken Event on polychaete faunas: New insights from the Viki drill core, western Estonia

Tonarová, Petra; Hints, Olle; Eriksson, Mats Erik GFF 2014 / p. 270-274 : ill <https://doi.org/10.1080/11035897.2013.862855> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of thermohaline conditions on vertical variability of optical properties in the Gulf of Finland (Baltic Sea) : implications for water quality remote sensing

Aavaste, Age; Sipelgas, Liis; Uiboupin, Rivo; Uudeberg, Kristi Frontiers in marine science 2021 / art. 674065
<https://doi.org/10.3389/fmars.2021.674065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Implications of the possible exit from oil shale for Estonian electricity sector

Härm, Mihkel; Hamburg, Arvi Oil shale 2020 / p. 177-187 : ill <https://doi.org/10.3176/oil.2020.3.01> https://kirj.ee/wp-content/plugins/kirj/pub/OS-3-2020-177-187_uus_20200827110456.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Importance of climate, forest fires and human population size in the Holocene boreal forest composition change in northern Europe

Kuosmanen, Niina; Seppä, Heikki; Alenius, Teija; **Reitalu, Triin** Boreas 2016 / p. 688-702 : ill <https://doi.org/10.1111/bor.12183> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Important environmental social governance risks in potential phosphorite mining in Estonia

Paat, Andrus; Roosalu, Triin; **Karu, Veiko**; **Hitch, Michael William** The Extractive Industries and Society 2021 / art. 100911 <https://doi.org/10.1016/j.exis.2021.100911> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Increased frequency of wintertime stratification collapse events in the Gulf of Finland since the 1990s

Elken, Jüri; **Raudsepp, Urmas**; **Laanemets, Jaan**; **Passenko, Jelena**; **Maljutenko, Ilja**; **Pärn, Ove**; **Keevallik, Sirje** Journal of marine systems 2014 / p. 47-55 : ill <https://doi.org/10.1016/j.jmarsys.2013.04.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Increasing renewable fraction by smoothing consumer power charts in grid-connected wind-solar hybrid systems

Annuk, Andres; **Tammoja, Heiki** Oil shale 2013 / p. 257-267 : ill https://artiklid.einet.ee/record=b2631746*est <https://doi.org/10.3176/oil.2013.2S.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Index based multi-criteria approach to coastal risk assesment

Bagdavičiute, Ingrida; Kelpšaitė-Rimkienė, Loreta; Galinien, Jelena; **Soomere, Tarmo** Journal of Coastal Conservation 2019 / p. 785–800 : ill <https://doi.org/10.1007/s11852-018-0638-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Indicative value and training set of freshwater organic-walled algal palynomorphs (non-pollen palynomorphs)

Stivrinš, Normunds; Trasune, Liva; Jasiunas, Nauris; Kalnina, Laimdota; Briede, Agrita; Maksims, Alekss; Steinberga, Dace; Jeskins, Jurijs; Rendenieks, Zigmars; **Veski, Siim** Quaternary science reviews 2022 / art. 107450, 19 p. : ill <https://doi.org/10.1016/j.quascirev.2022.107450> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Indoor climate and energy performance in nearly zero energy day care centers and school buildings

Kaiser, Ahmed; **Kuusk, Kalle**; Heininen, Henrik; **Arumägi, Endrik**; **Kalamees, Targo**; Hasu, Tero; Lolli, Nicola; **Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 02003 ; 9 p. : ill <https://doi.org/10.1051/e3sconf/201911102003> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Indoor temperature conditions and energy demand of a Finnish detached house in a changing climate

Farahani, Azin Velashjerdi; **Jokisalo, Juha**; Korhonen, Natalia; **Kosonen, Risto** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 15001, 7 p. : ill <https://doi.org/10.1051/e3sconf/202124615001> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Industrial CHP excess heat efficient usage for cooling

Uuemaa, Priit; Vigants, Haralds; Blumberga, Dagnija; **Drovtar, Imre** Energetika 2014 / p. 136-148 : ill <https://www.lmaleidykla.lt/ojs/index.php/energetika/article/view/2937> [Journal metrics at Scopus](#) [Article at Scopus](#)

Influence of glacial water and carbonate minerals on wintertime sea-ice biogeochemistry and the CO2 system in an Arctic fjord in Svalbard

Fransson, Agneta; Chierici, Melissa; Nomura, Daiki; **Martma, Tõnu** Annals of glaciology 2020 / p. 320-340 : ill <https://doi.org/10.1017/aog.2020.52> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of operation modes and fish behavior on fish passage through turbines

Stoltz, Ulli; Geiger, Franz; **Tuhtan, Jeffrey Andrew** IOP Conference Series: Earth and Environmental Science ; 774 2021 / art. 012125 <https://doi.org/10.1088/1755-1315/774/1/012125> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The influence of solar energy on the development of the mining industry in the republic of Cuba

Shklyarskiy, Yaroslav E.; Guerra, Dias Daniel; Iakovleva, Emilia V.; **Rassõlkin, Anton** Journal of Mining Institute 2021 / p. 427 - 440 <https://doi.org/10.31897/PMI.2021.3.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of surface salinity gradient on dinoflagellate cyst community structure, abundance and morphology in the Baltic Sea, Kattegat and Skagerrak

Sildever, Sirje; Andersen, Thorbjørn Joest; Ribeiro, Sofia; Ellegaard, Marianne Estuarine, Coastal and Shelf Science 2015 / p. 1-7 <https://doi.org/10.1016/j.ecss.2015.01.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of the shape of the bay cross section on wave run-up

Didenkulov, Oleg; **Didenkulova, Irina**; Pelinovsky, Efim N.; Kurkin, Andrey Izvestiya - Atmospheric and Ocean Physics 2015 / p. 661 - 666 <https://doi.org/10.1134/S0001433815060055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Informal governance in urban spaces : power, negotiation and resistance among Georgian street vendors

Polese, Abel; Rekhviashvili, Lela; Morris, Jeremy Geography research forum 2016 / p. 15-32 : ill

<https://grf.bgu.ac.il/index.php/GRF/article/view/508> [Journal metrics at Scopus](#) [Article at Scopus](#)

Informality versus shadow economy : reflecting on the first results of a manager's survey in Kyrgyzstan

Polese, Abel; Moisé, Gian Marco; Tokyzhanova, Talshyn; Aguzzi, Tommaso; Kerikmäe, Tanel; Sagynbaeva, Ainoura; Sauka, Arnis; Seliverstova, Oleksandra Central Asian Survey 2023 / p. 149 - 170 <https://doi.org/10.1080/02634937.2022.2093328> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Insights into the REY inventory of seep carbonates from the Northern Norwegian margin using geochemical screening

Schier, Katharina; Himmeler, Tobias; Lepland, Aivo; Kraemer, Dennis; Schoenenberger, Jasmin; Bau, Michael Chemical geology

2021 / art. 119857, 15 p. : ill <https://doi.org/10.1016/j.chemgeo.2020.119857> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Instability of low-moisture carrageenans as affected by water vapor sorption at moderate storage temperatures

Friedenthal, Margus; Eha, Kairit; Kaleda, Aleksei; Part, Natalja; Laos, Katrin SN Applied Sciences 2020 / art. 243, 6 p. : ill

<https://doi.org/10.1007/s42452-020-2032-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An integrated approach to coastal and biological observations

She, Jun; Piniella, Ángel Muñoz; Benedetti-Cecchi, Lisandro; Boehme, Lars; Boero, Ferdinando; Christensen, Asbjorn; Crowe, Tasman; Darecki, Mirosław; Nogueira, Enrique; Gremare, Antoine; Hernandez, Francisco; Kõuts, Tarmo Frontiers in Marine

Science 2019 / Art. nr. 314 <https://doi.org/10.3389/fmars.2019.00314> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrated conodont biostratigraphy and carbon isotope chemostratigraphy in the Lower-Middle Ordovician of southern Sweden reveals a complete record of the MDICE

Wu, Rong-Chang; Calner, Mikael; Lehnert, Oliver Geological magazine 2017 / p. 334-353 : ill

<https://doi.org/10.1017/S0016756816000017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrated graptolite-conodont biostratigraphy and organic carbon chemostratigraphy of the Llandovery of Kallholn quarry, Dalarna, Sweden

Walasek, Natalia; Loydell, David, K.; Männik, Peep Palaeogeography, palaeoclimatology, palaeoecology 2018 / p. 1-16 : ill

<https://doi.org/10.1016/j.palaeo.2018.08.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrated Upper Ordovician–lower Silurian biostratigraphy of the Grötlingbo-1 core section, Sweden

Männik, Peep; Loydell, David Kendrick; Nestor, Viuu; Nõlvak, Jaak GFF 2015 / p. 226 - 244

<https://doi.org/10.1080/11035897.2015.1042032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrating fire-scar, charcoal and fungal spore data to study fire events in the boreal forest of northern Europe

Stivriņš, Normunds The Holocene 2019 / 11 p. : ill <https://doi.org/10.1177/0959683619854524> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Interannual variations of ice cover and wave energy flux in the northeastern Baltic Sea

Zaitseva-Pärnaste, Inga; Soomere, Tarmo Annals of glaciology 2013 / p. 175-182 : ill <https://doi.org/10.3189/2013AoG62A228> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Intercomparison and characterization of 23 Aethalometers under laboratory and ambient air conditions : procedures and unit-to-unit variabilities

Cuesta-Mosquera, Andrea; Močnik, Griša; Drinovec, Luka; Müller, Thomas; Cruz Minguillon, Maria; Briel, Björn; Buckley, Paul; Dudoitis, Vadimas; Keernik, Hannes Atmospheric measurement techniques 2021 / p. 3195-3216 [https://doi.org/10.5194/amt-14-3195-](https://doi.org/10.5194/amt-14-3195-2021)

2021 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Interdependence between point load index, compressive strength and crushing resistance of Jordan oil shale and relation to calorific value

Väizene, Vivika; Valgma, Ingo; Reinsalu, Enno; Pastarus, Jüri-Rivaldo; Kaisla, Erkki Oil shale 2015 / p. 252-268 : ill

https://artiklid.elnet.ee/record=b2740514*est <https://doi.org/10.3176/oil.2015.3.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Intergrowth of bryozoans with other invertebrates in the Late Pridoli of Saaremaa, Estonia

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; Toom, Ursula Annales societatis geologorum Poloniae 2021 / p. 101-111

<https://doi.org/10.14241/asgp.2021.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Intergrowth of Orbignyella germana Bassler, 1911 (Bryozoa) and Lambelasma carinatum Weyer, 1993 (Rugosa) in the pelmatozoan-bryozoan-receptaculitid reefs from the Late Ordovician of Estonia

Vinn, Olev; Toom, Ursula; Ernst, Andrej Palaeontologia electronica 2018 / art. 21.1.4A, 7 p : ill <https://doi.org/10.26879/818> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Internal solitary waves control offshore extension of mud depocenters on the NW Iberian shelf

Zhang, Wenyan; **Didenkulova, Irina**; Kurkina, Oxana Marine geology 2019 / p. 15-30 : ill <https://doi.org/10.1016/j.margeo.2018.12.008>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Internal stratification of two thick Ordovician bentonites of Estonia : deciphering primary magmatic, sedimentary, environmental and diagenetic signatures

Siir, Sven; **Kallaste, Toivo**; **Kiipli, Tarmo**; **Hints, Rutt** Estonian journal of earth sciences 2015 / p. 140-158 : ill
https://artiklid.elnet.ee/record=b2727638*est <https://doi.org/10.3176/earth.2015.23> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Intrusion of saline water into a coastal aquifer containing palaeogroundwater in the Viimsi Peninsula in Estonia

Raidla, Valle; **Pärn, Joonas**; Aeschbach-Hertig, Werner; Czuppon, György; **Ivask, Jüri** Geosciences 2019 / art. 47, 25 p. : ill
<https://doi.org/10.3390/geosciences9010047> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigating the duration and termination of the Early Paleozoic Moyero Reversed Polarity Superchron: Middle Ordovician paleomagnetism from Estonia

Grappone, J. Michael; Chaffee, Thom; Isozaki, Yukio; **Bauert, Heikki**; Kirschvink, Joseph L. Palaeogeography, palaeoclimatology, palaeoecology 2017 / p. 673-686 : ill <https://doi.org/10.1016/j.palaeo.2017.07.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigating the impact of anthropogenic land use on a hemiboreal lake ecosystem using carbon/nitrogen ratios and coupled-optical emission spectroscopy

Stivriņš, Normunds; **Liiv, Merlin**; Brow, Alex D.; Banerjee, Rowena Yvonne; **Heinsalu, Atko**; **Veski, Siim** Palaeogeography, palaeoclimatology, palaeoecology 2019 / p. 1-9 : ill <https://doi.org/10.1016/j.palaeo.2019.01.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigating the influence of sub-mesoscale current structures on Baltic Sea connectivity through a Lagrangian analysis

Hari, Saeed; Meier, H. E. Markus; Väli, Germa Frontiers in marine science 2024 / 18 p <https://doi.org/10.3389/fmars.2024.1340291>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigating the marine protected areas most at risk of current-driven pollution in the Gulf of Finland, the Baltic Sea, using a Lagrangian transport model

Delpeche, Nicole; **Soomere, Tarmo** Marine pollution bulletin 2013 / p. 121-129 : ill <https://doi.org/10.1016/j.marpolbul.2012.11.025>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of dynamic mechanical properties of Estonian clay Arumetsa during firing

Štubna, Igor; Hulan, Tomaš; **Kaljuvee, Tiit**; Vozár, Libor Applied clay science 2018 / p. 23-28 : ill
<https://doi.org/10.1016/j.clay.2017.11.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of environmental factors on the resistance characteristic : study case of the designed patrol boat hull

Yusfianda, Ahmad Ramadhan; Prabowo, Aditya Rio; Do, Quang Thang; Adiputra, Ristiyanto; **Putranto, Teguh**; Bae, Dong-myung IOP Conference Series: Earth and Environmental Science ; 1278, 1 2023 / art. 012013 <https://doi.org/10.1088/1755-1315/1278/1/012013>
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

Iron isotopes reveal a benthic iron shuttle in the palaeoproterozoic zaonega formation : basinal restriction, euxinia, and the effect on global palaeoredox proxies

Mänd, Kaarel; Lalonde, Stefan V.; Paiste, Kärt; Thoby, Marie; Lumiste, Kaarel; Robbins, Leslie J; Kreitsmann, Timmu; Romashkin, Alexander E.; Kirsimäe, Kalle; **Lepland, Aivo** Minerals 2021 / art. 368, 25 p. : ill <https://doi.org/10.3390/min11040368> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Iterative data assimilation approach for the refinement of marine geoid models using sea surface height and dynamic topography datasets

Varbla, Sander; **Ellmann, Artu** Journal of geodesy 2023 / art. 24, 22 p. : ill <https://doi.org/10.1007/s00190-023-01711-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Japan's earliest ostracods

Siveter, David J.; Tanaka, Gengo; Williams, Mark; **Männik, Peep** Island Arc 2019 / art. e12284 <https://doi.org/10.1111/iar.12284> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Joint impact of currents and winds on the patch formation near the coasts of the Gulf of Finland

Giudici, Andrea; **Kalda, Jaan**; **Soomere, Tarmo** Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 1156 - 1160 <https://doi.org/10.2112/SI85-232.1>
<https://www.jcronline.org/doi/abs/10.2112/SI85-232.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Journal of Coastal Conservation special issue "Coast and society" : guest editorial

Harff, Jan; **Soomere, Tarmo**; Zhang, Hua Journal of Coastal Conservation 2019 / p. 713-716 : ill <https://doi.org/10.1007/s11852-019-00705-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kinematic parameters of internal waves of the second mode in the South China Sea

Kurkina, Oxana; Talipova, Tatyana; **Soomere, Tarmo**; Giniyatullin, Ayrat; Kurkin, Andrey Nonlinear processes in geophysics 2017 / p. 645-660 : ill <https://doi.org/10.5194/npg-24-645-2017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kinetics of Estonian phosphate rock dissolution in hydrochloric acid

Azeez, Ruhany Sheherazad; Tõnsuaadu, Kaia; Kaljuvee, Tiit; Triikkel, Andres Minerals 2024 / art. 322 <https://doi.org/10.3390/min14030322> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kouvola Housing fair NZEB houses energy, cost and carbon analyses

Ahmed, Kaiser; Hajian, Hatef; Hasu, Tero; **Kurnitski, Jarek** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 13001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017213001> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Laboratory tests and modelling of mineral wool insulated steel sandwich panels

Laukkarinen, Anssi; Vinha, Juha; **Kalbe, Kristo**; **Kalamees, Targo** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 17006, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017217006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

LainePoiss® - a lightweight and ice-resistant wave buoy

Alari, Victor; **Björkqvist, Jan-Victor**; Kaldvee, Valdur; Mölder, Kristjan; **Rikka, Sander**; **Kask-Korb, Anne**; **Vahter, Kaimo**; **Pärt, Siim**; **Vidjajev, Nikon**; Tõnisson, Hannes Journal of atmospheric and oceanic technology 2022 / p. 573–594 : ill <https://doi.org/10.1175/JTECH-D-21-0091.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Landscape change in central Latvia since the Iron Age : multi-proxy analysis of the vegetation impact of conflict, colonization and economic expansion during the last 2,000 years

Stivrinš, Normunds; Brown, Alex; **Reitalu, Triin**; **Veski, Siim**; **Heinsalu, Atko**; Banerjea, Rowena Yvonne; **Elmi, Kati** Vegetation History and Archaeobotany 2015 / p. 377 - 391 <https://doi.org/10.1007/s00334-014-0502-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Large earthquakes in the Katun Fault zone (Gorny Altai) : Paleoseismological and archaeoseismological evidence

Deev, Evgeny; Turova, Irina; Borodovskiy, Andrey; **Molodkov, Anatoli** Quaternary science reviews 2019 / p. 68–89 : ill <https://doi.org/10.1016/j.quascirev.2018.11.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Large herbivore population and vegetation dynamics 14,600–8300 years ago in central Latvia, northeastern Europe

Stivrinš, Normunds; Cerina, Aija; Galka, Mariusz; **Heinsalu, Atko**; Lõugas, Lembi; **Veski, Siim** Review of palaeobotany and palynology 2019 / p. 42-51 : ill <https://doi.org/10.1016/j.revpalbo.2019.04.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Late diagenetic evolution of Ordovician limestones in the Baltoscandian basin revealed through trace-element mapping and in situ U–Pb dating of calcite

Hagen-Peter, Graham; Wang, Yue; **Hints, Olle**; Prave, Anthony R.; **Lepland, Aivo** Chemical geology 2021 / art. 120563 <https://doi.org/10.1016/j.chemgeo.2021.120563> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Late glacial and early Holocene climate and environmental changes in the eastern Baltic area inferred from sediment C/N ratio

Liiv, Merlin; **Alliksaar, Tiit**; **Amon, Leeli**; Freiberg, Rene; **Heinsalu, Atko**; **Reitalu, Triin**; **Saarse, Leili**; Seppä, Heikki; **Stivrinš, Normunds**; Tõnno, Ilmar; **Vassiljev, Jüri**; **Veski, Siim** Journal of paleolimnology 2019 / p. 1–16 : ill <https://doi.org/10.1007/s10933-018-0041-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A Late Ordovician age for the Whirlpool and Power Glen formations, New York

Schröer, Laurenz; Vandembroucke, Thijs R. A.; **Hints, Olle** Canadian journal of earth sciences 2016 / p. 739-747 <https://doi.org/10.1139/cjes-2015-0226> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Late Ordovician jaw-bearing polychaetes from Anticosti Island, eastern Canada, and their biogeographic significance

Hints, Olle; **Tonarova, Petra**; Desrochers, Andre Canadian journal of earth sciences 2016 / p. 731-738 : ill <https://doi.org/10.1139/cjes-2015-0222> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Late Ordovician scolecodonts from the Qusaiba-1 core hole, central Saudi Arabia, and their paleogeographical affinities

Hints, Olle; Paris, Florentin; Al-Hajri, Sa'id Review of Palaeobotany and Palynology 2015 / p. 85 - 96 <https://doi.org/10.1016/j.revpalbo.2014.08.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Late Pleistocene and Holocene groundwater flow history in the Baltic Artesian Basin : a synthesis of numerical models and hydrogeochemical data

Vaikmäe, Rein; Pärn, Joonas; Raidla, Valle; Ivask, Jüri; Kaup, Enn; Martma, Tõnu Estonian journal of earth sciences 2021 / p. 152-164 : ill <https://doi.org/10.3176/earth.2021.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Late Pleistocene iceberg scouring in the north-eastern Baltic Sea, west of Estonia

Karpin, Vladimir; Heinsalu, Atko; Virtasalo, Joonas J. Marine geology 2021 / art. 106537, 11 p. : ill, map

<https://doi.org/10.1016/j.margeo.2021.106537> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lateglacial and early Holocene environmental dynamics in northern Lithuania : a multi-proxy record from Ginkunai Lake

Stančikaite, Migle; Šeiriene, Vaida; Kisieliene, Dalia; Martma, Tõnu; Kisieliene, Dalia; Zinkute, Rimante; Mažeika, Jonas; Šinkunas, Petras Quaternary International 2015 / p. 44-57 <https://doi.org/10.1016/j.quaint.2014.08.036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Late-Holocene expansion of a south Swedish peatland and its impact on marginal ecosystems: Evidence from dendrochronology, peat stratigraphy and palaeobotanical data

Edvardsson, Johannes; Poska, Anneli; Van der Putten, Nathalie; Rundgren, Mats; Linderson, Hans; Hammarlund, Dan Holocene

2014 / p. 466-476 : ill <https://doi.org/10.1177/0959683613520255> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Latest Ordovician age of the Spinachitina fragilis Chitinozoan Biozone in Baltoscandia

Nõlvak, Jaak; Liang, Yan; Hints, Olle Estonian journal of earth sciences 2023 / p. 82-85 : ill <https://doi.org/10.3176/earth.2023.51>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Latest Ordovician jawed polychaetes, chitinozoans and depositional environments of the Levín section, Prague Basin, Czech Republic

Tonarová, Petra; Vodrážková, Stanislava; Hints, Olle; Nõlvak, Jaak; Kubajko, Michal; Čáp, Pavel Geobios 2023 / p. 179-198 : ill

<https://doi.org/10.1016/j.geobios.2023.01.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Latest Sandbian brachiopods and chitinozoan biostratigraphy in North Estonia

Hints, Linda; Nõlvak, Jaak Estonian journal of earth sciences 2023 / p. 42-45 : ill <https://doi.org/10.3176/earth.2023.50> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Layered intrusions and traffic jams

Bons, Paul D.; Baur, Albrecht; Elburg, Marlina A.; Lindhuber, Matthias J.; Marks, Michael A.W.; Soesoo, Alvar; Van Milligen,

Boudewijn P.; Walte, Nicolas P. Geology 2015 / p. 71 - 74 <https://doi.org/10.1130/G36276.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Leaching behaviour of Estonian oil shale ash-based construction mortars

Irha, Natalja; Uibu, Mai; Jefimova, Jekaterina; Raado, Lembi-Merike; Hain, Tiina; Kuusik, Rein, keemik Oil shale 2014 / p. 394-

411 : ill https://artiklid.elnet.ee/record=b2704135*est <https://doi.org/10.3176/oil.2014.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Leaching thermodynamics and kinetics of oil shale waste key components

Tamm, Kadriann; Kallaste, Priit; Uibu, Mai; Kallas, Juha; Velts-Jänes, Olga; Kuusik, Rein, keemik Oil shale 2016 / p. 80-99 : ill

https://artiklid.elnet.ee/record=b2760706*est <https://doi.org/10.3176/oil.2016.1.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Linkages between the circulation and distribution of dissolved organic matter in the White Sea, Arctic Ocean

Pavlov, Alexey K.; Stedmon, Colin A.; Semushin, Andrey V.; Martma, Tõnu Continental shelf research 2016 / p. 1-13 : ill

<https://doi.org/10.1016/j.csr.2016.03.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Linking the progressive expansion of reducing conditions to a stepwise mass extinction event in the late Silurian oceans

Bowman, Chelise N.; Young, Seth, A.; Kaljo, Dimitri; Hints, Olle; Martma, Tõnu Geology 2019 / p. 968-972 : ill

<https://doi.org/10.1130/G46571.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lithological and geomorphological indicators of glacial genesis in the upper Quaternary strata, Nadym River basin, Western Siberia

Sizov, Oleg; Volvakh, Anna; Molodkov, Anatoli; Vishnevskiy, Andrey; Soromotin, Andrey; Abakumov, Evgeny Solid Earth 2020 / p.

2047-2074 <https://doi.org/10.5194/se-11-2047-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lithostratigraphic analysis of a new stromatolite-thrombolite reef from across the rise of atmospheric oxygen in the Paleoproterozoic Turee Creek Group, Western Australia

Barlow, E.; van Kranendonk, M. J.; Yamaguchi, K. E.; Ikehara, M.; Lepland, Aivo Geobiology 2016 / p. 317-343 : ill

<https://doi.org/10.1111/gbi.12175> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Llandovery microfossils and microfacies of the Hyskov section, Prague Basin

Tonarova, Petra; Vodražková, Stanislava; **Hints, Olle**; **Männik, Peep**; Kubajko, Michal; Fryda, Jiri Fossil Imprint 2019 / p. 25–43 : ill <https://doi.org/10.2478/if-2019-0002> [Journal metrics at Scopus](#) [Article at Scopus](#)

Llandovery (Silurian) conodont provincialism: an update based on quantitative analysis

Chen, Zhongyang; **Männik, Peep**; Fan, Junxuan Palaeogeography, palaeoclimatology, palaeoecology 2017 / p. 661-672 : ill <https://doi.org/10.1016/j.palaeo.2017.07.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Local and regional Holocene vegetation dynamics at two sites in eastern Latvia

Stivrinš, Normunds; Kalnina, Laimdota; **Veski, Siim**; Zeimule, Sandra Boreal environment research 2014 / p. 310-322 : ill <https://helda.helsinki.fi/server/api/core/bitstreams/058c48fe-ebcd-46e2-be77-f5952af1ab6b/content> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lomonosovfonna and Høltedahlfonna ice cores reveal east–west disparities of the Spitsbergen environment since AD 1700

Beaudon, Emilie; Moore, John C.; **Martma, Tõnu**; Pohjola, Veijo A.; Van de Wal, Roderik S. W.; Kohler, Jack; Isaksson, Elisabeth Annals of glaciology 2013 / p. 1069-1083 : ill <https://doi.org/10.3189/2013.JoG12J203> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long term interferometric temporal coherence and DInSAR phase in northern peatlands

Tampuu, Tauri; Praks, Jaan; **Uiboupin, Rivo**; Kull, Ain Remote Sensing 2020 / Art. 1566 <https://doi.org/10.3390/rs12101566> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long wave generation and coastal amplification due to propagating atmospheric pressure disturbances

Dogan, Gozde Guney; Pelinovsky, Efim; Zaytsev, Andrey; Metin, Ayse Duha; Ozyurt Tarakcioglu, Gulizar; Yalciner, Ahmet Cevdet; Yalciner, Bora; **Didenkulova, Ira** Natural hazards 2021 / p. 1195-1221 : ill <https://doi.org/10.1007/s11069-021-04625-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term changes of waves at the German Baltic Sea coast: Are there trends from the past?

Dreier, Norman; **Männikus, Rain**; Fröhle, Peter Journal of coastal research 2020 / p. 1416-141621 <https://doi.org/10.2112/SI95-274.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term fluid expulsion revealed by carbonate crusts and pockmarks connected to subsurface gas anomalies and palaeo-channels in the central North Sea

Chand, Shyam; Cremiere, Antoine; **Lepland, Aivo**; Thorsnes, Terje; Brunstad, Harald; Stoddart, Daniel Geo-marine letters 2017 / p. 215-227 : ill <https://doi.org/10.1007/s00367-016-0487-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term forest composition and its drivers in taiga forest in NW Russia

Kuosmanen, Niina; Seppä, Heikki; **Reitalu, Triin** Vegetation history and archaeobotany 2016 / p. 221-236 : ill, 237-238 <https://doi.org/10.1007/s00334-015-0542-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term mean, interannual and seasonal circulation in the Gulf of Finland - The wide salt wedge estuary or gulf type ROFI

Maljutenko, Ilja; **Raudsepp, Urmas** Journal of marine systems 2019 / p. 1-19 : ill <https://doi.org/10.1016/j.jmarsys.2019.03.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term stability of pillars in an underground oil shale mine

Reinsalu, Enno; **Lüütse, Enn**; **Pöldema, Tauri**; **Väli, Erik** Oil shale 2022 / p. 142-149 : ill <https://doi.org/10.3176/oil.2022.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Low grade fuel - oil shale and biomass co-combustion in CFB boiler

Konist, Alar; **Pihu, Tõnu**; **Nešumajev, Dmitri**; **Külaots, Indrek** Oil shale 2013 / p. 294-304 : ill https://artiklid.elnet.ee/record=b2631751*est <https://doi.org/10.3176/oil.2013.2S.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lower and Middle Ordovician chitinozoans from Honghuayuan, South China: Biodiversity patterns and response to environmental changes

Liang, Yan; **Hints, Olle**; Luan, Xiacong; Tang, Peng; **Nölvak, Jaak**; Zhan, Renbin Palaeogeography, palaeoclimatology, palaeoecology 2018 / p. 95-105 <https://doi.org/10.1016/j.palaeo.2018.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lower to middle Ordovician trilobite faunas along the Ural border of Baltica

Pärnaste, Helje; Bergström, Jan Bulletin of Geosciences 2014 / p. 431 - 450 <https://doi.org/10.3140/bull.geosci.1448> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lower-Middle Ordovician $\delta^{13}\text{C}$ chemostratigraphy of western Baltica (Jämtland, Sweden)

Wu, Rong-Chang; Calner, Mikael; **Lehnert, Oliver**; Peterffy, Olof; Joachimski, Michael M. Palaeoworld 2014 / p. 110-122 : ill <https://doi.org/10.1016/j.palwor.2015.01.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Low-temperature supercritical conversion of Kukersite oil shale

Fomitšov, Mihail Oil shale 2019 / p. 171–178 : ill http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-171-178.pdf <https://doi.org/10.3176/oil.2019.2S.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Main bird excrement contamination type causing insulator flashovers in 110 kV overhead power lines in Estonia

Taklaja, Paul; Oidram, Rein; Niitsoo, Jaan; Palu, Ivo Oil shale 2013 / p. 211-224 : ill https://artiklid.elnet.ee/record=b2631738*est <https://doi.org/10.3176/oil.2013.2S.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Main physicochemical factors affecting the aqueous carbonation of oil shale ash

Uibu, Mai; Kuusik, Rein, keemik Minerals engineering 2014 / p. 64-70 : ill <https://doi.org/10.1016/j.mineng.2013.10.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mapping flood extent and frequency from Sentinel-1 imagery during the extremely warm winter of 2020 in boreal floodplains and forests

Sipelgas, Liis; Aavaste, Age; Uiboupin, Rivo Remote sensing 2021 / art. 4949, 17 p. : ill., map <https://doi.org/10.3390/rs13234949> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mapping microplastic pathways and accumulation zones in the Gulf of Finland, Baltic Sea – insights from modeling

Mishra, Arun; Siht, Enriko; Väli, Germa; Liblik, Taavi; Buhhalko, Natalja; Lips, Urmas Frontiers in marine science 2025 / art. 1524585, 17 p. : ill., map <https://doi.org/10.3389/fmars.2024.1524585> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mapping water quality parameters with Sentinel-3 ocean and land colour instrument imagery in the Baltic Sea

Toming, Kaire; Kutser, Tiit; **Uiboupin, Rivo; Arikas, Age; Vahter, Kaimo**; Paavel, Birgot Remote sensing Remote Sensing of Water Quality 2017 / art. 1070, 21 p <https://doi.org/10.3390/rs9101070> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mapping wave set-up near a complex geometric urban coastline

Soomere, Tarmo; Pindsoo, Katri; Bishop, Steven Richard; Käär, Arvo; Valdmann, Ain Natural Hazards and Earth System Sciences 2013 / p. 3049 - 3061 <https://doi.org/10.5194/nhess-13-3049-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Marine redox variability from Baltica during extinction events in the latest Ordovician–early Silurian

Young, Seth A.; Benayoun, Emily; Kozik, Nevin P.; **Hints, Olle; Martma, Tõnu**; Bergström, Stig M.; Owens, Jeremy D. Palaeogeography, Palaeoclimatology, Palaeoecology 2020 / art. 109792 <https://doi.org/10.1016/j.palaeo.2020.109792> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A matched filter technique for slow radio transient detection and first demonstration with the Murchison Widefield Array

Feng, L.; Vaulin, R.; Hewitt, J. N.; Remillard, R.; **Kudryavtseva, Nadezhda** The astronomical journal 2017 / art. 98 <https://doi.org/10.3847/1538-3881/153/3/98> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mean grain size fluctuations of the siliciclastic component in the Aizpute-41 core : implication for end-Ordovician glaciation

Kiipli, Enli; Siir, Sven; Kallaste, Toivo; Kiipli, Tarmo Estonian journal of earth sciences 2014 / p. 257-263 : ill https://artiklid.elnet.ee/record=b2705898*est <https://doi.org/10.3176/earth.2014.28> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Measured and simulated energy performance of OLK NZEB with heat pump and energy piles in Hämeenlinna

Fadejev, Jevgeni; Simson, Raimo; Kesti, Jyrki; **Kurnitski, Jarek** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 16012, 11 p. : ill <https://doi.org/10.1051/e3sconf/202017216012> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Measured performance of exhaust air heat pumps in Finnish apartment buildings

Pylsy, Petri; **Kurnitski, Jarek** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 06001, 7 p <https://doi.org/10.1051/e3sconf/202124606001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Measurement and model simulations of hydrodynamic parameters, observations of coastal changes and experiments with indicator sediments to analyse the impact of storm St. Jude in October, 2013

Tõnisson, Hannes; Suursaar, Ülo; **Alari, Victor**; Muru, Merle; Rivas, Reimo; Kont, Are; **Viitak, Marii** Journal of coastal research 2016 / p. 1257-1261 : ill <https://doi.org/10.2112/SI75-252.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Measurement report: Spatial variations in ionic chemistry and water-stable isotopes in the snowpack on glaciers across Svalbard during the 2015–2016 snow accumulation season

Barbaro, Elena; Koziol, Krystyna; Björkman, Mats B.; Vega, Carmen Paulina; Zdanowicz, Christian; **Martma, Tõnu** Atmospheric chemistry and physics 2021 / p. 3163-3180 <https://doi.org/10.5194/acp-21-3163-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanical activation of magnesium silicates for mineral carbonation, a review

Li, Jiajie; **Hitch, Michael William** Minerals engineering 2018 / p. 69-83 : ill <https://doi.org/10.1016/j.mineng.2018.08.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Melanosclerites from the Late Ordovician to earliest Silurian of Estonia and their palaeogeographical implications

Du, Minghao; **Nõlvak, Jaak**; Tan, Jingqiang; Gao, Shijia; Wang, Wenhui Palynology 2022 / art. 2012538, 16 p. : ill <https://doi.org/10.1080/01916122.2021.2012538> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Metal enrichment in lithologically complex black shales : a case study from the Tremadocian of NE Estonia

Hints, Rutt; Pajusaar, Siim; Urtson, Kristjan; Liiv, Merlin; Kallaste, Toivo Estonian journal of earth sciences 2021 / p. 36–50 : ill <https://doi.org/10.3176/earth.2021.04> https://kirj.ee/wp-content/plugins/kirj/pub/earth-1-2021-36-50_20210128130612.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Meteo-marine parameters from Sentinel-1 SAR imagery : towards near real-time services for the Baltic Sea

Rikka, Sander; Pleskachevsky, Andrey; Jacobsen, Sven; **Alari, Victor; Uiboupin, Rivo** Remote sensing 2018 / art. 757, 17 p. : ill <https://doi.org/10.3390/rs10050757> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Methane seepage at Vestnesa Ridge (NW Svalbard) since the LastGlacial Maximum

Schneider, A.; Panieri, Giuliana; **Lepland, Aivo** Quaternary science reviews 2018 / p. 98-117 : ill <https://doi.org/10.1016/j.quascirev.2018.06.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A method for assessment of the general circulation model quality using the K-means clustering algorithm : a case study with GETM v2.5

Raudsepp, Urmas; Maljutenko, Ilja Geoscientific model development 2022 / p. 535-551 <https://doi.org/10.5194/gmd-15-535-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal methods at WOS](#) [Article at WOS](#)

A method for significant wave height estimation from circularly polarized X-Band coastal marine radar images

Rikka, Sander; Uiboupin, Rivo; Kõuts, Tarmo; Vahter, Kaimo; Pärt, Siim IEEE Geoscience and Remote Sensing Letters 2019 / p. 844-848 : ill <https://doi.org/10.1109/LGRS.2018.2886631> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A method to develop energy activated ETICS

Ilomets, Simo; Heim, Dariusz; Chodak, Ivan; Czarny, Dariusz; **Kalamees, Targo** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 21006, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017221006> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Methodology for mapping flood extent on Estonian floodplains

Sipelgas, Liis; Aavaste, Age; Uiboupin, Rivo; Rikka, Sander 2020 IEEE International Geoscience and Remote Sensing Symposium, September 26 – October 2, 2020 : Virtual Symposium : Proceedings 2020 / p. 4750-4753 <https://doi.org/10.1109/IGARSS39084.2020.9324369> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Microstructure measurements and estimates of entrainment in the Denmark Strait overflow plume

Paka, Vadim T.; **Zhurbas, Victor**; Rudels, Bert; Quädfasel, Detlef R.; Korzh, Andrey O.; Delisi, Donald P. Ocean Science 2013 / p. 1003 - 1014 <https://doi.org/10.5194/os-9-1003-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructured continua and scaling for wave motion

Engelbrecht, Jüri Atti della Accademia Peloritana dei Pericolanti, Classe di Scienze Fisiche, Matematiche e Naturali 2013 / art. A8 <https://doi.org/10.1478/AAPP.91S1A8> [Journal metrics at Scopus](#) [Article at Scopus](#)

Mid- and late-Holocene shoreline changes along southern coast of the Gulf of Finland

Grudzinska, Ieva; Saarse, Leili; Vassiljev, Jüri; Heinsalu, Atko Bulletin of the Geological Society of Finland 2013 / p. 19-34 : ill <https://doi.org/10.17741/bgsf/85.1.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Middle Devonian jawed polychaete fauna from the type Eifel area, western Germany, and its biogeographical and evolutionary affinities

Tonarova, Petra; Hints, Olle; Königshof, Peter; Suttner, Thomas J.; Kido, Erika; Da Silva, Anne-Christine; Pas, Damien Papers in palaeontology 2016 / p. 295-310 : ill <https://doi.org/10.1002/spp2.1041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Middle Jurassic Zoophycos and Chondrites from the Mélah Formation of Saharan Atlas, Algeria

Mekki, Fayça; Zhang, Li-Jun; Vinn, Olev; **Toom, Ursula** Estonian journal of earth sciences 2019 / p. 190-198 : ill
<https://doi.org/10.3176/earth.2019.13> http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2019/issue_4/earth-2019-4-190-198.pdf
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Middle Pleistocene marine deposits on the Kola Peninsula (NWRussia)

Korsakova, Olga; **Molodkov, Anatoli**; Yelovicheva, Yadviga; Kolka, Vasily Quaternary international 2019 / p. 3-16 : ill
<https://doi.org/10.1016/j.quaint.2018.09.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Middle to Late Ordovician graptolite and chitinozoan biostratigraphy of the Kandava-25 drill core in western Latvia

Goldman, Daniel; **Nõlvak, Jaak**; Maletz, Jörg GFF 2015 / p. 197 - 211 <https://doi.org/10.1080/11035897.2015.1021375> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mid-Holocene European climate revisited : new high-resolution regional climate model simulations using pollen-based land-cover

Strandberg, Gustav; Lindström, Johan; **Poska, Anneli**; Zhang, Qiong; Fyfe, Ralph; Githumbi, Esther; Kjellström, Erik; Mazier, Florenze; Nielsen, Anne Birgitte; Sugita, Shinya; Trondman, Anna-Kari; Woodbridge, Jessie; Gaillard, Marie-Jose Quaternary science reviews 2022 / art. 107431, 21 p. : ill., map <https://doi.org/10.1016/j.quascirev.2022.107431> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Mid-Ludfordian (late Silurian) Glaciation : a link with global changes in ocean chemistry and ecosystem overturns

Fryda, Jirí; Lehnert, Oliver; Joachimski, Michael M.; **Männik, Peep**; Kubajko, Michal; Mergl, Michal; Farkaš, Juraj; Frydova, Barbora Earth-Science Reviews 2021 / art. 103652 <https://doi.org/10.1016/j.earscirev.2021.103652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mine water as a potential source of energy from underground mined areas in Estonian oil shale deposit

Karu, Veiko; Valgma, Ingo; Kolats, Margit Oil shale 2013 / p. 336-362 : ill https://artiklid.elnet.ee/record=b2631761*est
<https://doi.org/10.3176/oil.2013.2S.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mineral sequestration of CO₂ by carbonation of Ca-rich oil shale ash in natural conditions

Konist, Alar; Maaten, Birgit; Loo, Lauri; Nešumajev, Dmitri; Pihu, Tõnu Oil shale 2016 / p. 248-259 : ill
<https://doi.org/10.3176/oil.2016.3.04> https://artiklid.elnet.ee/record=b2798381*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Miners and mendicants : a cautionary tale

Lytle, Murray; **Hitch, Michael William** The Extractive industries and society 2019 / p. 498-503 : tab
<https://doi.org/10.1016/j.exis.2019.02.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model for leisure boat activities and emissions - implementation for the Baltic Sea

Johansson, Lasse; Ytreberg, Erik; Jalkanen, Jukka-Pekka; Fridell, Erik; Eriksson, K. Martin; Lagerström, Maria; **Maljutenko, Ilja**; **Raudsepp, Urmas**; Fischer, Vivian; Roth, Eva Ocean science 2020 / p. 1143-1163 <https://doi.org/10.5194/os-16-1143-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model study on present and future eutrophication and nitrogen fixation in the Gulf of Finland, Baltic Sea

Lessin, Gennadi; **Raudsepp, Urmas**; **Maljutenko, Ilja**; **Laanemets, Jaan**; **Passenko, Jelena**; Jaanus, Andres Journal of marine systems 2014 / p. 76-85 : ill <https://doi.org/10.1016/j.jmarsys.2013.08.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling of discharges from Baltic Sea shipping

Jalkanen, Jukka-Pekka; Johansson, Lasse; Wilewska-Bien, Magda; Granhag, Lena; Ytreberg, Erik; Eriksson, K. Martin; Yngsell, Daniel; Hassellöv, Ida-Maja; Magnusson, Kerstin; **Raudsepp, Urmas**; **Maljutenko, Ilja**; Winnes, Hulda; Moldanova, Jana Ocean Science 2021 / p. 699 - 728 <https://doi.org/10.5194/os-17-699-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling of internal waves in the Baltic Sea

Kurkin, Andrey; Pelinovsky, Efim; Talipova, Tatyana; **Soomere, Tarmo** Фундаментальная и прикладная гидрофизика 2018 / p. 8-20 <https://doi.org/10.7868/S2073667318020016> [Journal metrics at Scopus](#) [Article at Scopus](#)

Modelling of oil shale concentration processes in Estonian mines

Pastarus, Jüri-Rivaldo; **Reinsalu, Enno**; **Saarnak, Martin** International journal of mining, reclamation and environment 2015 / p. 213-225 : ill <https://doi.org/10.1080/17480930.2014.962807> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling of wax actuators in underfloor heating manifolds

Kull, Tuule Mall; **Thalfeldt, Martin**; **Kurnitski, Jarek** E3S Web Conference : Cold Climate HVAC and Energy 2021 2021 / art. 11009, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124611009> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Modelling spatial compositional data : reconstructions of past land cover and uncertainties

Pirzamanbin, Behnaz; Lindström, Johan; **Poska, Anneli**; Gaillard, Marie-Jose Spatial statistics 2018 / p. 14-31 : ill

<https://doi.org/10.1016/j.spasta.2018.03.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling spatial dispersion of contaminants from shipping lanes in the Baltic Sea

Maljutenko, Ilja; Hassellöv, Ida-Maja; **Kõuts, Mariliis**; **Kasemets, Mari-Liis**; **Raudsepp, Urmas** Marine pollution bulletin 2021 / art.

112985 <https://doi.org/10.1016/j.marpolbul.2021.112985> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modern pollen and non-pollen palynomorphs along an altitudinal transect in Jammu and Kashmir (Western Himalaya), India

Quamar, Firoze; **Stivrinš, Normunds** Palynology 2021 / p. 669-684 <https://doi.org/10.1080/01916122.2021.1915402> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modernization of the Estonian national GNSS reference station network

Metsar, Jaanus; **Kollo, Karin**; **Ellmann, Artu** Geodesy and cartography 2018 / p. 55-62 : ill <https://doi.org/10.3846/gac.2018.2023>

[Journal metrics at Scopus](#) [Article at Scopus](#)

Modification of closure depths by synchronisation of severe seas and high water levels

Soomere, Tarmo; **Männikus, Rain**; **Pindsoo, Katri**; **Kudryavtseva, Nadezhda**; **Eelsalu, Maris** Geo-marine letters 2017 / p. 35-

46 : ill <https://doi.org/10.1007/s00367-016-0471-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Moisture dry-out from steel faced insulated sandwich panels

Kalbe, Kristo; Piikov, Hubert; **Kurnitski, Jarek**; **Kalamees, Targo** E3S Web of Conferences : 12th Nordic Symposium on Building

Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 17007, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017217007>

[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Monograin layer solar cell for future lunar outpost

Kristmann, Katriin; **Altosaar, Mare**; **Raudoja, Jaan**; **Grossberg, Maarja**; **Krustok, Jüri**; **Raadik, Taavi** IAC 2020 congress

proceedings Proceedings of the International Astronautical Congress, IAC 2020 / 7 p. : ill [Monograin layer solar cell for future lunar](#)

[outpost https://dl.iafastro.directory/event/IAC-2020/paper/56905/](#) [Conference proceeding at Scopus](#) [Article at Scopus](#)

Morphology, ontogeny and affinities of the Hirnantian triplisiid brachiopod Streptis undifera from Baltoscandia

Hints, Linda; Popov, Leonid E.; Holmer, Lars E Palaeontology 2013 / p. 961 - 970 <https://doi.org/10.1111/pala.12028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-criteria evaluation approach to coastal vulnerability index development in micro-tidal low-lying areas

Bagdanavičiute, Ingrida; Kelpšaitė, Loreta; **Soomere, Tarmo** Ocean & coastal management 2015 / p. 124-135 : ill

<https://doi.org/10.1016/j.ocecoaman.2014.12.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multidecadal Shoreline Monitoring at Parengarenga, Northern New Zealand: From Dumpy Level to LiDAR

Parnell, Kevin Ellis; Hosking, Peter; McLean, Roger; Nichol, Scott Journal of coastal research 2020 / p. 165-171

<https://doi.org/10.2112/JCR-SI101-031.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-epoch GNSS campaigns of the national geodetic network in Estonia

Metsar, Jaanus; **Kollo, Karin**; **Ellmann, Artu**; **Rüdja, Andres**; **Pihlak, Priit** [EUREF2019 abstracts] 2019 / p. [23]

<http://www.maaamet.ee/euref2019/EUREF2019-Abstracts.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

Multiple Palaeoproterozoic carbon burial episodes and excursions

Martin, Adam P.; Prave, Anthony R.; Condon, Dan J.; **Lepland, Aivo**; Fallick, Anthony Edward; Romashkin, Alexander E.; Medvedev,

Pavel V.; Rychanchik, Dmitry V. Earth and Planetary Science Letters 2015 / p. 226 - 236 <https://doi.org/10.1016/j.epsl.2015.05.023>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A multi-proxy approach to constrain reducing conditions in the Baltic Basin during the late Silurian Lau carbon isotope excursion

Bowman, Chelise N.; Them II, Theodore R.; Knight, Marisa D.; **Kaljo, Dimitri**; Eriksson, Mats E.; **Hints, Olle**; **Martma, Tõnu**; Owens, Jeremy D.; Young, Seth, A. Palaeogeography, palaeoclimatology, palaeoecology 2021 / art. 110624

<https://doi.org/10.1016/j.palaeo.2021.110624> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A multiproxy study of the Puhmu core section (Estonia, Upper Ordovician) : consequences for stratigraphy and environmental interpretation

Kaljo, Dimitri; **Hints, Linda**; **Martma, Tõnu**; **Nõlvak, Jaak** Estonian journal of earth sciences 2017 / p. 77-92 : ill

<https://doi.org/10.3176/earth.2017.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-scale analysis of wave conditions and coastal changes in the north-eastern Baltic Sea

Suursaar, Ülo; **Alari, Victor**; Tõnisson, Hannes Journal of coastal research 2014 / p. 223-228 : ill <https://doi.org/10.2112/SI70-038.1>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-sensor in situ observations to resolve the sub-mesoscale features in the stratified Gulf of Finland, Baltic Sea
Lips, Urmas; Kikas, Villu; Liblik, Taavi; Lips, Inga Ocean science 2016 / p. 715-732 : ill <https://doi.org/10.5194/os-12-715-2016>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multivariate models based on infrared spectra as a substitute for oil property correlations to predict thermodynamic properties : evaluated on the basis of the narrow-boiling fractions of Kukersite retort oil
Baird, Zachariah Steven; Oja, Vahur Oil shale 2022 / p. 20-36 <https://doi.org/10.3176/oil.2022.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

National methods fail to calculate standardized deep renovation concepts for dwellings: Benchmarking in three EU climates
Võsa, Karl-Villem; Kurnitski, Jarek; Felsmann, Clemens; Meinsenbach, Andrea; Carli, Michele De; Tonon, Massimo; Iivonen, Mikko E3S Web of Conferences : 11th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, IAQVE C2023 2023 / art. 04014, 8 p.: ill <https://doi.org/10.1051/e3sconf/202339604014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nearly zero energy renovation concepts for apartment buildings
Kuusk, Kalle; Naumann, Jens; Gritzki, Anina; Felsmann, Clemens; De Carli, Michele; **Kurnitski, Jarek** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 18009, <https://doi.org/10.1051/e3sconf/202017218009> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Nemo-Nordic 2.0 : operational marine forecast model for the Baltic Sea
Kämä, Tuomas; Ljungemyr, Patrik; Falahat, Saeed; Ringgaard, Ida; Axell, Lars; Korabel, Vasily; Murawski, Jens; **Maljutenko, Ilja;** Lindenthal, Anja; Jandt-Scheelke, Simon; **Verjovkina, Svetlana;** Lorkowski, Ina; **Lagemaa, Priidik;** She, Jun; Tuomi, Laura; Nord, Adam; Huess, Vibeke Geoscientific Model Development 2021 / p. 5731 - 5749 <https://doi.org/10.5194/gmd-14-5731-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Neotypes for some upper Silurian acanthodian taxa from the Baltic Sea Region and the Welsh Borderland
Burrow, Carole J.; **Märss, Tiit** Estonian journal of earth sciences 2022 / p. 17-24 <https://doi.org/10.3176/earth.2022.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New bioclastration of a symbiont in the mantle cavity of Clitambonites schmidtii (Brachiopoda) from the Sandbian (Upper Ordovician) of Estonia
Vinn, Olev; Wislon, M. A.; Isakar, Mare; **Toom, Ursula** Palaios 2022 / p. 520–524 <https://doi.org/10.2110/palo.2021.067> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New biostratigraphically important chitinozoans from the Kukruse Regional Stage, Upper Ordovician of Baltoscandia
Nõlvak, Jaak; Bauert, Garmen Estonian journal of earth sciences 2015 / p. 218-224 : ill https://artiklid.elnet.ee/record=b2739527*est <https://doi.org/10.3176/earth.2015.28> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new Byrionia species from the Late Ordovician of Estonia
Vinn, Olev; Kirsimäe, Kalle; Parry, Luke A.; **Toom, Ursula** Estonian journal of earth sciences 2016 / p. 201-206 : ill <https://doi.org/10.3176/earth.2016.17> https://artiklid.elnet.ee/record=b2809365*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New camerate crinoid genera from the Upper Ordovician (Katian) of Estonia: evolutionary origin of family Opsicrinidae and a phylogenetic assessment of Ordovician Monobathrida
Cole, Selina R.; **Toom, Ursula** Journal of systematic palaeontology 2019 / p. 597-611 : ill <https://doi.org/10.1080/14772019.2018.1447519> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New conodont $\delta^{18}\text{O}$ records of Silurian climate change : implications for environmental and biological events
Trotter, Julie A.; Williams, Ian S.; Barnes, Christopher R.; **Männik, Peep;** Simpson, Andrew Palaeogeography, palaeoclimatology, palaeoecology 2016 / p. 34-48 : ill <https://doi.org/10.1016/j.palaeo.2015.11.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New cornulitid from the Ohesaare Formation (late Pridoli) of Saaremaa, Estonia
Vinn, Olev; **Toom, Ursula** Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2020 / p. 67-73 <https://doi.org/10.1127/njgpa/2020/0934> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New crinoids from the Baltic region (Estonia): fossil tip-dating phylogenetics constrains the origin and Ordovician–Silurian diversification of the Flexibilia (Echinodermata)
Wright, David F.; **Toom, Ursula** Palaeontology 2017 / p. 893-910 : ill <https://doi.org/10.1111/pala.12324> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New data on karksiodus (chondrichthyes) from the main devonian field (East European platform)

Ivanov, Alexander; **Märss, Tiit** Estonian journal of earth sciences 2014 / p. 156-165 : ill <https://doi.org/10.3176/earth.2014.14> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New data on Ordovician stable isotope record and conodont biostratigraphy from the Viki reference drill core, Saaremaa Island, western Estonia

Hints, Olle; Martma, Tõnu; Männik, Peep; Nõlvak, Jaak; Põldvere, Anne; Shen, Yanan; **Viira, Viive** GFF 2014 / p. 100-104 : ill <https://doi.org/10.1080/11035897.2013.873989> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New data on the exoskeleton of the osteostracan genus Aestiaspis (Agnatha) from the Silurian of Saaremaa Island (Estonia) and the Severnaya Zemlya Archipelago (Russia)

Afanassieva, Olga; **Märss, Tiit** Paleontological Journal 2014 / p. 74-78 : ill <https://doi.org/10.1134/S003103011401002X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New data on the problematic mollusc Jinonicella from the early Silurian of east Siberia

Gubanov, Alexander P.; Ebbestad, Jan Ove R.; **Männik, Peep;** Bogolepova, Olga GFF 2020 / p. 147-153 : ill <https://doi.org/10.1080/11035897.2019.1708451> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New data on the stratigraphy of the Ordovician and Silurian of the central region of Kotelnyi Island (New Siberian Islands) and correlation with the synchronous successions of the Eastern Arctic

Danukalova, Maria K.; Tolmacheva, Tat'yana Yu; **Männik, Peep;** Kul'kov, N. P.; Kuzmichev, Alexander B.; Melnikova, Lyudmila M. Stratigraphy and Geological Correlation 2015 / p. 468 - 494 <https://doi.org/10.1134/S0869593815050032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New Early Katian species of Leptestiidae and Hesperorthidae (Brachiopoda) from Lithuania

Paškevičius, Juozas; **Hints, Linda** Estonian journal of earth sciences 2016 / p. 75-84 : ill <https://doi.org/10.3176/earth.2016.05> https://artiklid.elnet.ee/record=b2778901*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new early silurian prioniodontid conodont with three P elements from Iran and associated species

Männik, Peep; Miller, C. Giles; Hairapetian, Vachik Acta Palaeontologica Polonica 2015 / p. 733 - 746 <https://doi.org/10.4202/app.00003.2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New encrusting tentaculitoids from the Silurian of Estonia and taxonomic status of Anticalyptraea Quenstedt, 1867

Zaton, Michal; Vinn, Olev; **Toom, Ursula;** Slowinski, Jakub GFF 2022 / p. 111-117 : ill., map <https://doi.org/10.1080/11035897.2022.2042378> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new formal subdivision of the Holocene Series/Epoch in Estonia

Hang, Tiit; **Veski, Siim; Vassiljev, Jüri; Poska, Anneli;** Kriiska, Aivar; **Heinsalu, Atko** Estonian journal of earth sciences 2020 / p. 269-280 <https://doi.org/10.3176/earth.2020.15> [Journal metrics at Scopus](#) [Article at Scopus](#)

A new genus and species of cornulitid tubeworm from the Hirnantian (Late Ordovician) of Estonia

Vinn, Olev; Wilson, Mark A; **Toom, Ursula** Journal of Paleontology 2024 / p. 40-46 <https://doi.org/10.1017/jpa.2023.90> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new genus of ptyctodont (Placodermi) from the Late Devonian of Baltic area

Trinajstić, Kate; Long, John A.; Ivanov, Alexander; **Mark-Kurik, Elga** Palaeontologia electronica 2019 / art. 22.2.23, 19 p. : ill <https://doi.org/10.26879/890> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New insights of the crustal structure across Estonia using satellite potential fields derived from WGM-2012 gravity data and EMAG2v3 magnetic data

Solano-Acosta, Juan David; Soesoo, Alvar; Hints, Rutt Tectonophysics 2023 / art. 229656, 27 p. : ill <https://doi.org/10.1016/j.tecto.2022.229656> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new Lower Devonian arthrodire (Placodermi) from the NW Siberian Platform

Mark-Kurik, Elga Estonian journal of earth sciences 2013 / p. 131-138 : ill <https://doi.org/10.3176/earth.2013.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new method to estimate point thermal transmittance based on combined two-dimensional heat flow calculation

Hallik, Jaanus; Kalamees, Targo E3S Web Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) 2020 / art. 08005, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017208005> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A new microconchid species from the Silurian of Baltica

Zaton, Michal; Vinn, Olev; **Toom, Ursula** Estonian journal of earth sciences 2016 / p. 115-123 : ill <https://doi.org/10.3176/earth.2016.09> https://artiklid.elnet.ee/record=b2778953*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new species of the antiarch Microbrachius from the Middle Devonian (Givetian) of Belarus

Mark-Kurik, Elga; Newman, Michael J.; **Toom, Ursula**; Den Blaauwen, Jan Estonian journal of earth sciences 2018 / p. 3-13 : ill <https://doi.org/10.3176/earth.2017.22> http://www.ester.ee/record=b2246661*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New U-Pb zircon ages of the Sandbian (Upper Ordovician) "Big K-bentonite" in Baltoscandia (Estonia and Sweden) by LA-ICPMS

Bauert, Heikki; Isozaki, Yukio; Holmer, Lars Erik; Aoki, Kazumasa; Sakata, Shuhei; Hirata, Takafumi GFF 2014 / p. 30-33 : ill <https://doi.org/10.1080/11035897.2013.862854> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrate stable isotopes and major ions in snow and ice samples from four Svalbard sites

Vega, Carmen P.; Björkman, Mats P.; Pohjola, Veijo A.; Isaksson, Elisabeth; Pettersson, Rickard; **Martma, Tõnu**; Marca, Alina; Kaiser, Jan Polar Research 2015 / art. 23246 <https://doi.org/10.3402/polar.v34.23246> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen and organic carbon isotope record in Tremadocian highly metalliferous black shales from Baltica

Ndiaye, Mawo; Liiv, Merlin; Kallaste, Toivo; Graul, Sophie Jane Marie-Pascale Huguette; Hints, Rutt Estonian journal of earth sciences 2023 / p. 78-81 : ill <https://doi.org/10.3176/earth.2023.25> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen and phosphorus discharges from cargo ships' black and grey waters — a case study of a Baltic Sea port

Lappalainen, Suvi-Tuuli; Tapaninen, Ulla Pirita; Kotta, Jonne Oceans 2024 / p. 560–570 <https://doi.org/10.3390/oceans5030032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen and phosphorus losses in Nordic and Baltic agricultural monitoring catchments-Spatial and temporal variations in relation to natural conditions and mitigation programmes

Kyllmar, Katarina; Bechmann, Marianne; Blicher-Mathiesen, Gitte; Fischer, Franziska Katharina; Folster, Jens; **lital, Arvo**; Lagzdins, Ainis; Povilaitis, Arvydas; Rankinen, Katri CATENA 2023 / art. 107205 <https://doi.org/10.1016/j.catena.2023.107205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen isotopes in kukersite and black shale implying Ordovician-Silurian seawater redox conditions

Kiipli, Enli; Kiipli, Tarmo Oil shale 2013 / p. 60-75 : ill https://artiklid.elnet.ee/record=b2604253*est <https://doi.org/10.3176/oil.2013.1.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen surface water retention in the Baltic Sea drainage basin

Stalnacke, Per; Pengerud, Annelene; **Vassiljev, Anatoli** Hydrology and earth system sciences 2015 / p. 981-996 : ill <https://doi.org/10.5194/hess-19-981-2015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Noncalified dasyclad algae from the Vasalemma Formation, late Sandbian (Late Ordovician) of Estonia

Kröger, Björn; Tinn, Oive; Rikkinen, Jouko; Jolis, Ester M.; Butcher, Alan R.; **Toom, Ursula**; **Hints, Olle** Review of palaeobotany and palynology 2023 / art. 104970, 9 p. : ill <https://doi.org/10.1016/j.revpalbo.2023.104970> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nonlinear deformation and run-up of single tsunami waves of positive polarity : numerical simulations and analytical predictions

Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys Natural hazards and earth system sciences 2019 / p. 2905–2913 : ill <https://doi.org/10.5194/nhess-19-2905-2019> <https://nhess.copernicus.org/articles/19/2905/2019/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nonlinear effects at the initial stage of tsunami-wave development

Pelinovsky, Efim; Rodin, Artem Izvestiya, atmospheric and oceanic physics 2013 / p. 548-553 : ill <https://doi.org/10.1134/S0001433813050083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Non-pollen palynomorphs from 78 surface sediment samples reveal spatial distribution of phytoplankton in Latvian lakes and ponds

Stivrīnš, Normunds Estonian journal of earth sciences 2023 / p. 226-235 <https://doi.org/10.3176/earth.2023.87> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Non-stationary analysis of water level extremes in Latvian waters, Baltic Sea, during 1961-2018

Kudryavtseva, Nadezhda; Soomere, Tarmo; Männikus, Rain Natural Hazards and Earth System Sciences 2021 / p. 1279-1296 : ill <https://doi.org/10.5194/nhess-21-1279-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Non-stationary modeling of trends in extreme water level changes along the Baltic Sea coast

Kudryavtseva, Nadezhda; Pindsoo, Katri; Soomere, Tarmo Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 586-590 <https://doi.org/10.2112/SI85-118.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

The novel Copernicus Global dataset of atmospheric total water vapour content with related uncertainties from GNSS observations

Rannat, Kalev; Keernik, Hannes; Madonna, Fabio Remote Sensing 2023 / art. 5150 <https://doi.org/10.3390/rs15215150> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

NZEB and market-based renovation case study of an existing office building

Kuivjõgi, Helena; Kurnitski, Jarek; Uutar, Aivar; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 05002, 7 p. : ill <https://doi.org/10.1051/e3sconf/202124605002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Numerical modeling and validation of a large-scale borehole thermal energy storage system in Finland

Xue, Tianchen; Jokisalo, Juha; Kosonen, Risto; Vuolle, Mika; Marongiu, Federica; Vallin, Sami; Leppäharju, Nina; Arola, Teppo E3S Web of Conferences : BuildSim Nordic 2022 2022 / art. 06003 <https://doi.org/10.1051/e3sconf/202236206003> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Numerical simulation and experimental verification of downstream fish migration in a bulb turbine

Benigni, Helmut; Schneider, Josef; Reckendorfer, Walter; Schiffer, J.; Tuhtan, Jeffrey Andrew; Leithner, S.; Zenz, Gerald; Meusburger, P. 31st IAHR Symposium on Hydraulic Machinery and Systems 26/06/2022 - 01/07/2022 Trondheim, Norway. Vol. 1079 2022 / 10 p. : ill <https://doi.org/10.1088/1755-1315/1079/1/012101> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Numerical simulation and experimental verification of downstream fish migration in a Kaplan turbine

Benigni, Helmut; Schneider, Josef; Reckendorfer, Walter; Jaberg, Helmut; Zenz, Gerald; Tuhtan, Jeffrey Andrew IOP Conference Series: Earth and Environmental Science ; 774 2021 / art. 012149 <https://doi.org/10.1088/1755-1315/774/1/012149> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Numerical simulations of wave climate in the Baltic Sea: a review

Soomere, Tarmo Oceanologia 2023 / p. 117-140 <https://doi.org/10.1016/j.oceano.2022.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A numerical study of circulation in the Gulf of Riga, Baltic Sea. Part I : Whole-basin gyres and mean currents

Lips, Urmas; Zhurbas, Victor; Skudra, Maris; Väli, Germo Continental shelf research 2016 / p. 1-13 : ill <https://doi.org/10.1016/j.csr.2015.11.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A numerical study of circulation in the Gulf of Riga, Baltic Sea. Part II : Mesoscale features and freshwater transport pathways

Lips, Urmas; Zhurbas, Victor; Skudra, Maris; Väli, Germo Continental shelf research 2016 / p. 44-52 : ill <https://doi.org/10.1016/j.csr.2015.12.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Observations of surface drift and effects induced by wind and surface waves in the Baltic Sea for the period 2011–2018

Delpeche-Ellmann, Nicole Camille; Giudici, Andrea; Rätsep, Margus; Soomere, Tarmo Estuarine, coastal and shelf science 2021 / art. 107071, 13 p. : ill., map <https://doi.org/10.1016/j.ecss.2020.107071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Observed flow variability along the thalweg, and on the coastal slopes of the Gulf of Finland, Baltic Sea

Lilover, Madis-Jaak; Elken, Jüri; Suhhova, Irina; Liblik, Taavi Estuarine, coastal and shelf science 2017 / p. 23-33 : ill <https://doi.org/10.1016/j.ecss.2016.11.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An ocean–wave–trajectory forecasting system for the eastern Baltic Sea : validation against drifting buoys and implementation for oil spill modeling

Pärt, Siim; Björkqvist, Jan-Victor; Alari, Victor; Maljutenko, Ilja; Uiboupin, Rivo Marine pollution bulletin 2023 / art. 115497, 13 p. : ill <https://doi.org/10.1016/j.marpolbul.2023.115497> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Offshore murtoos indicate warm-based Fennoscandian ice-sheet conditions during the Bølling warming in the northern Gulf of Riga, Baltic Sea

Karpin, Vladimir; Heinsalu, Atko; Ojala, Antti E.K.; Virtasalo, Joonas J. Geomorphology 2023 / art. 108655 <https://doi.org/10.1016/j.geomorph.2023.108655> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oil shale ash based stone formation - hydration, hardening dynamics and phase transformations

Raado, Lembi-Merike; Kuusik, Rein; Keemik, Hain; Tiina; Uibu, Mai; Somelar, Peeter Oil shale 2014 / p. 91-101 : ill https://artiklid.elnet.ee/record=b2664060*est <https://doi.org/10.3176/oil.2014.1.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oil shale pulverized firing : boiler efficiency, ash balance and flue gas composition

Konist, Alar; Pihu, Tõnu; Nešumajev, Dmitri; Siirde, Andres Oil shale 2013 / p. 6-18 : ill https://artiklid.elnet.ee/record=b2604229*est <https://doi.org/10.3176/oil.2013.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oil shale pyrolysis products and the fate of sulfur

Maaten, Birgit; Järvi, Oliver; Pihl, Olga; Konist, Alar; Siirde, Andres Oil shale 2020 / p. 51–69 : tab https://www.kirj.ee/33071/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/oil.2020.1.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oil shale related fundamental research and industry development

Siirde, Andres Oil shale 2015 / p. 1–4 https://artiklid.elnet.ee/record=b2716290*est <https://doi.org/10.3176/oil.2015.1.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oil spill detection using fluorometric sensors : laboratory validation and implementation to a ferryBox and a moored SmartBuoy

Pärt, Siim; Kankaanpää, Harri; Björkqvist, Jan-Victor; Uiboupin, Rivo Frontiers in marine science 2021 / art. 778136 : ill <https://doi.org/10.3389/fmars.2021.778136> <https://www.frontiersin.org/articles/10.3389/fmars.2021.778136/full> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The oldest evidence for human habitation in the Baltic region : a preliminary report on the chronology and archaeological context of the Riadino-5 archaeological site

Druzhinina, Olga; Molodkov, Anatoli; Bitinas, Albertas; Bregman, Enno Geoarchaeology 2016 / p. 156–164 : ill <https://doi.org/10.1002/gea.21553> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On future directions of Ordovician chitinozoan research

Liang, Yan; Hints, Olle; Nõlvak, Jaak; Tang, Peng Estonian journal of earth sciences 2023 / p. 58–61 : ill <https://doi.org/10.3176/earth.2023.34> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the buoyant sub-surface salinity maxima in the Gulf of Riga

Liblik, Taavi; Skudra, Maris; Lips, Urmas Oceanologia 2017 / p. 113–128 : ill <https://doi.org/10.1016/j.oceano.2016.10.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the erroneous identification of a turiniid thelodont in the Middle/Upper Devonian boundary beds of the Middle Urals

Märss, Tiit; Ivanov, Alexander Acta Geologica Polonica 2018 / p. 455 <https://geojournals.pgi.gov.pl/agp/article/view/26057> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the finite-time compressibility of the surface currents in the Gulf of Finland, the Baltic Sea

Kalda, Jaan; Soomere, Tarmo; Giudici, Andrea Journal of marine systems 2014 / p. 56–65 : ill <https://doi.org/10.1016/j.jmarsys.2012.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the nature of low-frequency currents over a shallow area of the southern coast of the Gulf of Finland

Lilover, Madis-Jaak; Pavelson, Juss; Kõuts, Tarmo Journal of marine systems 2014 / p. 66–75 : ill <https://doi.org/10.1016/j.jmarsys.2013.06.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An online platform for rapid oil outflow assessment from grounded tankers for pollution response

Tabri, Kristjan; Heinvee, Martin; Laanearu, Janek; Kollo, Monika; Goerlandt, Floris Marine pollution bulletin 2018 / p. 963–976 : ill <https://doi.org/10.1016/j.marpolbul.2018.06.039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optical water type guided approach to estimate optical water quality parameters

Uudeberg, Kristi; Aavaste, Age; Kõks, Kerttu-Liis; Ansper, Ave; Uusõue, Mirjam; Kangro, Kersti; Ansko, Ilmar; Ligi, Martin; Toming, Kaire; Reinart, Anu Remote sensing 2020 / art. 931 <https://doi.org/10.3390/rs12060931> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimal PI control parameters for accurate underfloor heating temperature control

Kull, Tuule Mall; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26–29, 2019 / art. 01081, 8 p. : ill <https://doi.org/10.1051/e3sconf/201911101081> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Optimising sampling frequency for monitoring heterotrophic protists in a marine ecosystem

Lehtiniemi, Maiju; Fileman, Elanie; Hällfors, Heidi; Kuosa, Harri; Lehtinen, Sirpa; Lips, Inga; Setälä, Outi; Suikkanen, Sanna; Tuimala, Jarno; Widdicombe, Claire ICES journal of marine science 2022 / p. 925–936 : ill <https://doi.org/10.1093/icesjms/fsab132> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimization of power system operation : editor's page

Tammoja, Heiki Oil shale 2013 / p. 193–194 https://artiklid.elnet.ee/record=b2631735*est <https://doi.org/10.3176/oil.2013.2S.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ordovician and Silurian ichnofossils from carbonate facies in Estonia: A collection-based review

Toom, Ursula; Vinn, Olev; Hints, Olle Palaeoworld 2019 / p. 123–144 : ill <https://doi.org/10.1016/j.palwor.2018.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ordovician and Silurian polychaete diversity and biogeography

Eriksson, Mats E.; **Hints, Olle**; Paxton, Hannelore; Tonarova, Petra Early Palaeozoic Biogeography and Palaeogeography 2013 / p. 265 - 272 <https://www.lyellcollection.org/doi/abs/10.1144/M38.18> <https://doi.org/10.1144/M38.18> [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The Ordovician bioclastration revolution

Vinn, Olev; Wilson, Mark A.; Ernst, Andrej; **Toom, Ursula** Geobios 2023 / p. 145-151 <https://doi.org/10.1016/j.geobios.2022.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ordovician chitinozoans of the Miaopo Formation at Zhenjin, Upper Yangtze Platform, South China

Liang, Yan; **Nõlvak, Jaak**; **Hints, Olle** Palynology 2024 / art. 2271086, 15 p. : ill <https://doi.org/10.1080/01916122.2023.2271086> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ordovician of the Eastern Baltic palaeobasin and the Tornquist Sea margin of Baltica

Meidla, Tõnu; Ainsaar, Leo; **Hints, Olle**; Radzevičius, Sigita Geological Society, London, Special Publications 2023 / p. 317-343 : ill <https://doi.org/10.1144/SP532-2022-141> [Journal metrics at Scopus](#) [Article at Scopus](#)

Ordovician reef and mound evolution: the Baltoscandian picture

Kröger, Björn; **Hints, Linda**; **Lehnert, Oliver** Geological magazine 2017 / p. 683-706 : ill <https://doi.org/10.1017/S0016756816000303> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Origin and formation of methane in groundwater of glacial origin from the Cambrian-Vendian aquifer system in Estonia

Raidla, Valle; **Pärm, Joonas**; Schloemer, Stefan; Aeschbach-Hertig, Werner; Czuppon, György; **Ivask, Jüri**; Marandi, Andres; Sepp, Holar; **Vaikmäe, Rein**; Kirsimäe, Kalle Geochimica et cosmochimica acta 2019 / p. 247-264 : ill <https://doi.org/10.1016/j.gca.2019.02.029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Overheating and daylighting evaluation for free-running classroom designs

Kiil, Martin; **Simson, Raimo**; **De Luca, Francesco**; **Thalfeldt, Martin**; **Kurnitski, Jarek** IOP conference series : earth and environmental science 2019 / art. 012059, 7 p. : ill <https://doi.org/10.1088/1755-1315/352/1/012059> [Conference proceedings at Scopus](#) [Article at Scopus](#)

An overview of Estonian woodlice (Isopoda, Oniscidea)

Sammet, Kaarel; Orgusaar, Getriin; **Ivask, Mari**; Kurina, Olavi ZooKeys 2021 / p. 1-17 : ill., map <https://doi.org/10.3897/zookeys.1067.68105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxygen influence on Estonian kukersite oil shale devolatilization and char combustion

Loo, Lauri; **Maaten, Birgit**; **Nešumajev, Dmitri**; **Konist, Alar** Oil shale 2017 / p. 219-231 : ill <https://doi.org/10.3176/oil.2017.3.02> http://www.ester.ee/record=b1072685*est https://artiklid.elnet.ee/record=b2824314*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The oxygen isotope composition of earth's oldest rocks and evidence of a terrestrial magma ocean

Rumble, Douglas; Bowring, Samuel A.; Iizuka, Tsuyoshi; Komiya, Tsuyoshi I.; **Lepland, Aivo**; **Rosing, Minik T.**; Ueno, Yuichiro Geochemistry, Geophysics, Geosystems 2013 / p. 1929 - 1939 <https://doi.org/10.1002/ggge.20128> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxygen isotope studies of the largest West Siberian mammoth sites and implications for last glacial maximum climate reconstruction

Krivokorin, Ivan; **Amon, Leeli**; Leshchinskiy, Sergey V.; Arppe, Laura Quaternary science reviews 2024 / art. 108938, 13 p. : ill <https://doi.org/10.1016/j.quascirev.2024.108938> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxygenated conditions in the aftermath of the Lomagundi-Jatuli Event: The carbon isotope and rare earth element signatures of the Paleoproterozoic Zaonega Formation, Russia

Kreitsmann, Timmu; Lepland, Aivo; Bau, M.; Prave, A.R.; Paiste, Kärt; Mänd, Kaarel; Sepp, Holar; **Martma, Tõnu**; **Romashkin, A.E.**; Kirsimäe, Kalle Precambrian research 2020 / art. 105855, 16 p. : ill <https://doi.org/10.1016/j.precamres.2020.105855> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Paired carbon isotope chemostratigraphy across the Ordovician–Silurian boundary in central East Baltic: Regional and global signatures

Hints, Olle; Ainsaar, Leho; **Lepland, Aivo**; **Liiv, Merlin**; **Männik, Peep**; Meidla, Tõnu; **Nõlvak, Jaak**; Radzevičius, Sigita Palaeogeography, palaeoclimatology, palaeoecology 2023 / art. 111640, 17 p. : ill <https://doi.org/10.1016/j.palaeo.2023.111640> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoclimate inferred from $\delta^{18}\text{O}$ and palaeobotanical indicators in freshwater tufa of Lake Äntu Sinijärv, Estonia

Laumets, Liina; Kalm, Volli; **Poska, Anneli**; Kele, Sándor; Lasberg, Katrin; **Amon, Leeli** Journal of paleolimnology 2014 / p. 99-111 : ill <https://doi.org/10.1007/s10933-013-9758-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoecological implications of the subfossil *Pediastrum argentinense*-type in Europe

Lenarczyk, Joanna; Kolaczek, Piotr; Jankovská, Vlasta; Turner, Falko; Karpińska-Kolaczek, Monika; Pini, Roberta; Pedziszewska, Anna; Zimny, Marcelina; **Stivriņš, Normunds**; Szymczyk, Artur Review of Palaeobotany and Palynology 2015 / p. 129 - 138
<https://doi.org/10.1016/j.revpalbo.2015.08.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoecology of corals and stromatoporoids in a late Silurian biostrome in Estonia

Kershaw, Steve; **Mõtus, Mari-Ann** Acta palaeontologica polonica 2016 / p. 33-50 : ill <https://doi.org/10.4202/app.00094.2014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoenvironmental and biostratigraphical implications of selected Floian and Dapingian (Ordovician) chitinozoans of the South China Palaeoplate

Liang, Yan; Hints, Olle; Servais, Thomas; Luan, Xiacong; **Nõlvak, Jaak**; Tang, Peng; Wu, Rong-Chang Lethaia 2018 / 220-231 p. : ill <https://doi.org/10.1111/let.12308> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoenvironmental changes and their chronology during the latter half of MIS 5 on the south-eastern coast of the Gulf of Finland

Molodkov, Anatoli; Bolikhovskaya, Nataliya Quaternary International 2022 / p. 40-54 : ill <https://doi.org/10.1016/j.quaint.2021.10.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoenvironmental evidence for the impact of the crusades on the local and regional environment of medieval (13th-16th century) northern Latvia, eastern Baltic

Stivriņš, Normunds; Brown, Alex; **Veski, Siim**; Ratniece, Vita; **Heinsalu, Atko**; Austin, Jennifer; **Liiv, Merlin**; Cerina, Aija The Holocene 2016 / p. 61-69 : ill <https://doi.org/10.1177/0959683615596821> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoenvironmental signatures revealed from rare earth element (REE) compositions of vertebrate microremains of the Vesiku Bone Bed (Homerian, Wenlock), Saaremaa Island, Estonia

Fadel, Alexandre; Žigaitė, Živilė; Blom, Henning; Pérez-Huerta, Alberto; Jeffries, Teresa; **Märss, Tiit**; Ahlberga, Per Erik Estonian Journal of Earth Sciences 2015 / p. 36 - 41 <https://doi.org/10.3176/earth.2015.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoproterozoic oxygenated oceans following the Lomagundi–Jatuli Event

Mänd, Kaarel; Lalonde, Stefan V.; Robbins, Leslie J.; Thoby, Marie; Paiste, Kärt; Kreitsmann, Timmu; **Paiste, Päärn**; Reinhard, Christopher T.; Romashkin, Alexandr E.; Planavsky, Noah J.; Kirsimäe, Kalle; **Lepland, Aivo**; Konhauser, Kurt O. Nature geoscience 2020 / p. 302-306 <https://doi.org/10.1038/s41561-020-0558-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoseismic deformations in the Eastern Baltic region (Kaliningrad District of Russia)

Druzhinina, Olga; Bitinas, Albertas; **Molodkov, Anatoli**; Kolesnik, Tatyana Estonian journal of earth sciences 2017 / p. 119-129 : ill <https://doi.org/10.3176/earth.2017.09> http://www.ester.ee/record=b2246661*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palynology, microfacies and biostratigraphy across the Daleje Event (Lower Devonian, lower to upper Emsian) : new insights from the offshore facies of the Prague Basin, Czech Republic

Tonarova, Petra; Vodrážková, Stanislava; Ferrova, Lenka; Puente, G. Susana de la; **Hints, Olle**; Fryda, Jiri; Kubajko, Michal Palaeobiodiversity and palaeoenvironments 2017 / p. 419-438 : ill <https://doi.org/10.1007/s12549-017-0274-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palynomorph optical analyses for thermal maturity assessment of upper ordovician (Katian-Hirnantian) rocks from Southern Estonia

Sorci, Andrea; Cirilli, Simonetta; Clayton, Geoff; Corrado, Sveva; **Hints, Olle**; Goodhue, Robbie; Schito, Andrea; Spina, Amalia Marine and Petroleum Geology 2020 / art. 104574 <https://doi.org/10.1016/j.marpetgeo.2020.104574> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Parametric energy simulations of a Nordic detached house heated by a wood stove

Thalfeldt, Martin; Skare, Anders; Georges, Laurent; Skreiberg, Øyvind E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 25007, 7 p. : ill <https://doi.org/10.1051/e3sconf/202017225007> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Parametric study for the long term energetic performance of geothermal energy piles

Ferrantelli, Andrea; Fadejev, Jevgeni; Kurnitski, Jarek IOP conference series : earth and environmental science 2019 / art. 012047, 9 p. : ill <https://doi.org/10.1088/1755-1315/352/1/012011> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Parasite-induced shell damage in brachiopod *Porambonites (Porambonites) laticaudata* from the Late Ordovician (Sandbian) of Estonia

Vinn, Olev; De Baets, Kenneth; Isakar, Mare; **Toom, Ursula** Estonian journal of earth sciences 2023 / p. 110-113 : phot

<https://doi.org/10.3176/earth.2023.23> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Past environmental change and seawater intrusion into coastal Lake Lilaste, Latvia

Grudzinska, Ieva; Vassiljev, Jūri; Saarse, Leili; Reitalu, Triin; Veski, Siim Journal of paleolimnology 2017 / p. 257-271 : ill
<https://doi.org/10.1007/s10933-017-9945-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Past extreme events recorded in the internal architecture of coastal formations in the Baltic Sea Region

Vilumaa, Kadri; Tõnisson, Hannes; Sugita, Shinya; **Molodkov, Anatoli** Journal of coastal research 2016 / p. 775-779
<https://doi.org/10.2112/SI75-156.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Patterns in recent and Holocene pollen accumulation rates across Europe - the Pollen Monitoring Programme Database as a tool for vegetation reconstruction

Vojtěch, Abraham; Hicksa, Sheila; Svobodová-Svitavská, Helena; Koff, Tiit; **Veski, Siim** Biogeosciences 2021 / p. 4511-4534 : ill
<https://doi.org/10.5194/bg-18-4511-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

PCSP's diagonal tie connectors thermal bridges impact on energy performance and operational cost : case study of a high-rise residential building in Estonia

Kiil, Martin; Käär, Martin-Sven; Klõšeiko, Paul; Võsa, Karl-Villem; Simson, Raimo; Sarevet, Henri; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 80060, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017208006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Peat stratigraphy and changes in peat formation during the Holocene in Latvia

Kalnina, Laimdota; **Stivrīns, Normunds**; Kuske, Eliza; Ozola, Ilze; Pujate, Agnese; Zeimule, Sandra; **Grudzinska, Ieva**; Ratniece, Vita Quaternary International 2015 / p. 186 - 195 <https://doi.org/10.1016/j.quaint.2014.10.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Performance analysis of a compact and low-cost mapping-grade mobile laser scanning system

Julge, Kalev; Vajakas, Toivo; **Ellmann, Artu** Journal of applied remote sensing 2017 / p. 044003-1 - 044003-23 : ill
<https://doi.org/10.1117/1.JRS.11.044003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Performance analysis of freeware filtering algorithms for determining ground surface from airborne laser scanning data

Julge, Kalev; Ellmann, Artu; Gruno, Anti Journal of applied remote sensing 2014 / p. 083573-1-083573-15 : ill
<https://doi.org/10.1117/1.JRS.8.083573> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Petrography and geochemistry of carbonate rocks of the Paleoproterozoic Zaonega Formation, Russia: Documentation of 13C-depleted non-primary calcite

Črne, A. E.; Melezhik, Victor A.; **Lepland, Aivo**; Fallick, Anthony Edward; Prave, Anthony R.; Brasier, A.T. Precambrian research 2014 / p. 79-93 : ill <https://doi.org/10.1016/j.precamres.2013.10.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Petrography and mineralogy of the Attarat Um Ghudran oil shale, Central Jordan

Puura, Väino; **Soesoo, Alvar; Voolma, Margus; Konsa, Mare**; Aosaar, Hardi Oil shale 2017 / p. 110-128 : ill
http://www.ester.ee/record=b1072685*est <https://doi.org/10.3176/oil.2017.2.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Petrography and the REE-composition of apatite in the Paleoproterozoic Pilgūjärvi Sedimentary Formation, Pechenga Greenstone Belt, Russia

Joosu, Lauri; **Lepland, Aivo**; Kreitsmann, Timmu Geochimica et cosmochimica acta 2016 / p. 135-153 : ill
<https://doi.org/10.1016/j.gca.2016.04.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Petroleum source rock evaluation of the Alum and Dictyonema Shales (Upper Cambrian-Lower Ordovician) in the Baltic Basin and Podlasie Depression (eastern Poland)

Kosakowski, Paweł; Kotarba, Maciej J.; Piestrzynski, Adam; **Šogenova, Alla**; Wieclaw, Dariusz International journal of earth sciences 2017 / p. 743-761 : ill <https://doi.org/10.1007/s00531-016-1328-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Petrophysical and numerical seismic modelling of CO2 geological storage in the E6 structure, Baltic Sea, offshore Latvia

Šogenov, Kazbulat; Gei, Davide; Forlin, Edy; **Šogenova, Alla** Petroleum geoscience 2016 / p. 153-164
<https://doi.org/10.1144/petgeo2015-017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phosphorus cycling during the Hirnantian glaciation

Müller, Johann; Joachimski, Michael M.; Lehnert, Oliver; **Männik, Peep**; Sun, Yadong Palaeogeography, palaeoclimatology, palaeoecology 2024 / art. 111906, 15 p. : ill <https://doi.org/10.1016/j.palaeo.2023.111906> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Photogrammetry of Apollo 11 surface imagery

Pustõnski, Vladislav-Veniamin; Jones, Eric M. Journal of the British Interplanetary Society 2014 / p. 390-398 : ill <https://bis-space.com/shop/product/photogrammetry-of-apollo-11-surface-imagery/> [Journal metrics at Scopus](#) [Article at Scopus](#)

Physical and thermodynamic properties of kukersite pyrolysis shale oil : literature overview

Oja, Vahur; Rooleht, Ruth; Baird, Zachariah Steven Oil shale 2016 / p. 184-197 : ill <https://doi.org/10.3176/oil.2016.2.06> https://artiklid.elnet.ee/record=b2778471*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phytoplankton response to the environmental and climatic variability in a temperate lake over the last 14,500 years in eastern Latvia

Stivriņš, Normunds; Kołaczek, Piotr; **Reitalu, Triin;** Seppä, Heikki T.; **Veski, Siim** Journal of Paleolimnology 2015 / p. 103 - 119 <https://doi.org/10.1007/s10933-015-9840-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pleistocene stratigraphy of the Vychegda River basin, European North-East

Zaretskaya, Nataliya; Panin, Andrei; **Molodkov, Anatoli** Quaternary international 2020 / p. 185-195 : ill <https://doi.org/10.1016/j.quaint.2019.09.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Polarization and depolarization currents in kaolin

Ondruška, Jan; Štubna, Igor; Trnovcova, Viera; Medved, Igor; **Kaljuvee, Tiit** Applied clay science 2015 / p. 157-160 : ill <https://doi.org/10.1016/j.clay.2015.05.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pollen based quantitative climate reconstructions from the Middle Pleistocene sequences in Łuków and Zdany (E Poland) : species and modern analogues based approach

Pidek, Irena Agnieszka; **Poska, Anneli** Review of Palaeobotany and Palynology 2013 / p. 65 - 78 <https://doi.org/10.1016/j.revpalbo.2013.01.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pollen richness : a reflection of vegetation diversity or pollen-specific parameters?

Väli, Vivika; Odgaard, Bent Vad; Väli, Ülo; **Poska, Anneli** Vegetation history and archaeobotany 2022 / p. 611-622 <https://doi.org/10.1007/s00334-022-00879-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Possibilities of oil shale mining under the Selisoo mire of the Estonia oil shale deposit

Orru, Mall; Väizene, Vivika; Pastarus, Jüri-Rivaldo; Sõstra, Ülo; Valgma, Ingo Environmental earth sciences 2013 / p. 3311-3321 : ill <https://doi.org/10.1007/s12665-013-2396-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Possible metazoan egg fossils from the Darriwilian (Middle Ordovician) of Baltoscandia

Hints, Olle; Nõlvak, Jaak; Liang, Yan Estonian journal of earth sciences 2021 / p. 240-252 : ill <https://doi.org/10.3176/earth.2021.16> [Journal metrics at Scopus](#) [Article at Scopus](#)

Possible presence of shear instabilities at steep slopes during an upwelling event in the Gulf of Finland, Baltic Sea

Delpêche-Ellmann, Nicole Camille; Soomere, Tarmo Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 481-485 <https://doi.org/10.2112/SI85-097.1> <https://www.icronline.org/doi/abs/10.2112/SI85-097.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Postglacial flooding and vegetation history on the Ob River terrace, central Western Siberia based on the palaeoecological record from Lake Svetlenkoye

Amon, Leeli; Blaus, Ansis; Alliksaar, Tiit; Heinsalu, Atko; Lapshina, Elena; **Liiv, Merlin; Reitalu, Triin; Vassiljev, Jüri; Veski, Siim** The Holocene 2020 / p. 618-631 <https://doi.org/10.1177/0959683619895582> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Potential effects of different irrigation and drainage regimes on yield and water productivity of two potato varieties under Estonian temperate climate

Kadaja, Jüri; **Saue, Triin** Agricultural water management 2016 / p. 61-71 : ill <https://doi.org/10.1016/j.agwat.2015.11.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Potential for an underwater glider component as part of the Global Ocean Observing System

Liblik, Taavi; Karstensen, Johannes; Testor, P. Methods in oceanography 2016 / p. 50-82 : ill <https://doi.org/10.1016/j.mio.2016.05.001> [Journal metrics at Scopus](#) [Article at Scopus](#)

Potential influence of sulphur bacteria on Palaeoproterozoic phosphogenesis

Lepand, Aivo; Joosu, Lauri; Kirsimäe, Kalle Nature geoscience 2014 / p. 20-24 : ill <https://doi.org/10.1038/ngeo2005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A potential route towards new methods for extracting value from shale oil side stream

Niidu, Allan Oil shale 2019 / p. 128-141 : ill http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-128-141.pdf

Potential structures for CO₂ geological storage in the Baltic Sea : case study offshore Latvia

Šogenov, Kazbulat; Šogenova, Alla; Vizika-Kavvadias, Olga Bulletin of the Geological Society of Finland 2013 / p. 65-81 : ill <https://doi.org/10.17741/bgsf/85.1.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A practical software package for computing gravimetric geoid by the least squares modification of Hotine's formula

Abbak, Ramazan Alpay; **Ellmann, Artu;** Ustun, Aydin Earth science informatics 2022 / p. 713-724 <https://doi.org/10.1007/s12145-021-00713-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Precise hydrodynamic leveling by using pressure gauges

Liibusk, Aive; **Ellmann, Artu; Kõuts, Tarmo;** Jürgenson, Harli Marine geodesy 2013 / p. 138-163 : ill <https://doi.org/10.1080/01490419.2013.771594> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Precise levelling data processing near terraced landforms

Märdla, Silja Geodesy and cartography 2014 / p. 51-57 : ill <https://doi.org/10.3846/20296991.2014.930247> [Journal metrics at Scopus](#) [Article at Scopus](#)

Preface : New challenges for tsunami science : understanding tsunami processes to improve mitigation and enhance early warning

Hebert, Helene; **Didenkulova, Irina;** Hermann, M. Fritz; Papadopoulos, Gerassimos A. Natural hazards and earth system sciences 2016 / p. 1855-1857 <https://doi.org/10.5194/nhess-16-1855-2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preface "Sea hazards"

Pelinovsky, Efim N.; **Didenkulova, Ira;** Méndez, Fernando J.; Rybski, Diego; Tinti, Stefano Natural Hazards and Earth System Science 2013 / p. 1063 - 1067 <https://doi.org/10.5194/nhess-13-1063-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preliminary assessment of preconditions to deliver carbon neutrality in apartment buildings by 2050

Lihtmaa, Lauri; Kalamees, Targo E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 18004, 6 p. : ill <https://doi.org/10.1051/e3sconf/202017218004> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Preparation of metal-doped carbon aerogels from oil shale processing by-products

Kreek, Kristiina; Kulp, Maria; Uibu, Mai; Mere, Arvo; Koel, Mihkel Oil shale 2014 / p. 185-194 : ill https://artiklid.elnet.ee/record=b2673721*est <https://doi.org/10.3176/oil.2014.2.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pressure and inertia sensing drifters for glacial hydrology flow path measurements

Alexander, Andreas; **Kruusmaa, Maarja; Tuhtan, Jeffrey Andrew;** Hodson, Andrew J.; Schuler, Thomas V.; Kääb, Andreas The cryosphere 2020 / p. 1009-1023 <https://doi.org/10.5194/tc-14-1009-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Primary energy balance driven integrated energy design process of positive energy building

Tamm, Meril; Ortiz, Joana; Pascual, Jordi; **Kurnitski, Jarek; Thalfeldt, Martin;** Salom, Jaume E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 13001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124613001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Primary method for reduction of SO₂ emission in pulverized oil shale-fired boilers at Narva power plants : test 1 - water injection after superheater

Karolin, Robert; **Latõšov, Eduard;** Kleesmaa, Jüri Oil shale 2017 / p. 70-81 : ill <https://doi.org/10.3176/oil.2017.1.05> https://artiklid.elnet.ee/record=b2816466*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Producing pyrite based solar panels for the future lunar habitat

Kristmann, Katriin; Raadik, Taavi; Heemskerk, Marc Vincent; Woods, Arthur; Vogel, Andreas; Collins, Patrick; Gasperovics, Dimitrijs; Makaya, Advenit IAF Space Power Symposium : held at the 75th International Astronautical Congress (IAC 2024) : Milan, Italy, 14-18 October 2024 2024 / p. 312 - 317 <https://doi.org/10.52202/078370-0035> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Progress in physical oceanography of the Baltic Sea during the 2003-2014 period

Omstedt, Anders; **Elken, Jüri;** Lehmann, Andreas; Leppäranta, Matti; Meier, H.E. Markus; Myrberg, Kai; Rutgersson, Anna Progress in Oceanography 2014 / p. 139-171 : ill <https://doi.org/10.1016/j.pocean.2014.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Projected changes in wave conditions in the Baltic Sea by the end of 21st century and the corresponding shoreline

changes

Suursaar, Ülo; Tõnisson, Hannes; **Alari, Victor; Raudsepp, Urmas**; Rästas, Henri; Anderson, Agnes Journal of coastal research 2016 / p. 1012-1016 <https://doi.org/10.2112/SI75-203.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Propagation of impact of the recent major Baltic inflows from the Eastern Gotland Basin to the Gulf of Finland [Online resource]

Liblik, Taavi; Naumann, Michael; **Lips, Urmas; Laanemets, Jaan** Frontiers in marine science 2018 / art. 222, 23 p. : ill <https://doi.org/10.3389/fmars.2018.00222> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Propagation regimes and populations of internal waves in the Mediterranean Sea basin

Kurkina, Oxana; Rouvinskaya, Ekaterina; Talipova, Tatyana; **Soomere, Tarmo** Estuarine, coastal and shelf science 2017 / p. 44-54 : ill <https://doi.org/10.1016/j.ecss.2016.12.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Propagation regimes of interfacial solitary waves in a three-layer fluid

Kurkina, Oxana; Kurkin, Andrey; Rouvinskaya, Ekaterina; **Soomere, Tarmo** Nonlinear processes in geophysics 2015 / p. 117-132 <https://doi.org/10.5194/npg-22-117-2015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Properties and environmental impact of oil shale ash landfills

Pihu, Tõnu; Konist, Alar; Puura, Erik; Liira, Martin; Kirsimäe, Kalle Oil shale 2019 / p. 257–270 : ill http://www.kirj.ee/public/oilshale_pdf/2019/issue_2/OS-2019-2-257-270.pdf <https://doi.org/10.3176/oil.2019.2.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Properties of kukersite shale oil

Järvik, Oliver; Baird, Zachariah Steven; Rannaveski, Rivo; Oja, Vahur Oil shale 2021 / p. 265-294 <https://doi.org/10.3176/oil.2021.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Prospects for future binary black hole gravitational wave studies in light of PTA measurements

Ellis, John; Fairbairn, Malcolm; Hütsi, Gert; Raidal, Martti; **Urrutia Perez, Juan**; Vaskonen, Ville; Veermäe, Hardi Astronomy and astrophysics 2023 / art. A38 <https://doi.org/10.1051/0004-6361/202346268> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Protracted post-glacial hydrocarbon seepage in the Barents Sea revealed by U–Th dating of seep carbonates

Himmler, Tobias; Wagner, Doris; Sahy, Diana; Vadakkepuliymbatta, Sunil; Chand, Shyam; **Martma, Tõnu**; Kirsimäe, Kalle; Mattingdsdal, Rune; Panieri, Giuliana; **Lepland, Aivo** Frontiers in earth science 2024 / art. 1355621, 11 p. : ill <https://doi.org/10.3389/feart.2024.1355621> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Provenance of heavy minerals in the Quaternary deposits of the Lemme outcrop, Estonia, based on optical microscopy, X-ray diffractometry and scanning electron microscope microanalysis

Järvellill, Johanna-lisebel; **Kallaste, Toivo; Kleesment, Anne-Liis; Pajusaar, Siim; Raukas, Anto** Estonian journal of earth sciences 2019 / p. 76-87 : ill http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2019/issue_2/earth-2019-2-76-87.pdf <https://doi.org/10.3176/earth.2019.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Provenance shift in Cambrian mid-Baltica : detrital zircon chronology of Ediacaran-Cambrian sandstones in Estonia

Isozaki, Yukio; Põldvere, Anne; **Bauert, Heikki** Estonian journal of earth sciences 2014 / p. 251-256 : ill https://artiklid.elnet.ee/record=b2705890*est <https://doi.org/10.3176/earth.2014.27> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pyrite as prospective monograin layer solar cell absorber material for in-situ solar cell fabrication on the Moon

Kristmann, Katriin; Raadik, Taavi; Altosaar, Mare; Grossberg, Maarja; Krustok, Jüri; Pilvet, Maris; Mikli, Valdek; Kauk-Kuusik, Marit IAC 2021 congress proceedings 2021 / p. 1-6 : ill <https://deepzone3.ttu.ee/~juri.krustok/PDF-s/IAC-21.C3.4.7.x64087.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Pyrite based solar panel in-situ production on the Moon for space-based solar power

Raadik, Taavi; Kristmann, Katriin; Ciazela, J.; Jozefowicz, M.; Kowalinski, M.; Sniadkowski, A.; Bakala, J.; Steslicki, M.; Zalewska, N.; Pieterek, B.; Ciazela, M.; Marciniak, D. IAC 2023 congress proceedings 2023 / 9 p. : ill <https://iafastro.directory/iac/paper/id/79277/abstract-pdf/IAC-23.D3.2B.6.x79277.brief.pdf?2023-03-30.12:16:44> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Pyrite FeS₂ solar cells fabrication for lunar base energy production

Kristmann, Katriin; Raadik, Taavi; Altosaar, Mare; Grossberg-Kuusik, Maarja; Krustok, Jüri; Pilvet, Maris; Mikli, Valdek; Kauk-Kuusik, Marit; Makaya, Advenit IAC 2022 congress proceedings 2022 / art. 190266 [Pyrite FeS₂ solar cells fabrication for lunar base energy production](#) [Conference proceedings at Scopus](#) [Article at Scopus](#)

Quality and accuracy of digital twin models for the neighbourhood level building energy performance calculations

Parts, Egert-Ronald; Pikas, Ergo; Parts, Tuule Mall; Arumägi, Endrik; Liiv, Innar E3S Web of Conferences : 11th International

Quantification and characterization of mesoscale eddies with different automatic identification algorithms

Viikmäe, Bert; Torsvik, Tomas Journal of coastal research 2013 / p. 2077-2082 : ill <https://doi.org/10.2112/SI65-351> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Quantification of dissolved oxygen dynamics in a semi-enclosed sea – a comparison of observational platforms

Meyer, David; **Lips, Urmas**; Prien, Ralf D.; Naumann, Michael; **Liblik, Taavi** Continental shelf research 2018 / p. 34–45 : ill
<https://doi.org/10.1016/j.csr.2018.09.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantification of hydrodynamic model sea level bias utilizing deep learning and synergistic integration of data sources

Jahanmard, Vahidreza; Hordoir, Robinson; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Ocean modelling 2023 / art. 102286 : ill., map <https://doi.org/10.1016/j.ocemod.2023.102286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantifying the effects of land use and climate on Holocene vegetation in Europe

Marquer, Laurent; Gaillard, Marie-Jose; Sugita, Shinya; **Poska, Anneli** Quaternary science reviews 2017 / p. 20-37 : ill
<https://doi.org/10.1016/j.quascirev.2017.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantitative summer and winter temperature reconstructions from pollen and chironomid data between 15 and 8 ka BP in the Baltic-Belarus area

Veski, Siim; Seppä, Heikki; Stančikaite, Migle; Zernitskaya, Valentina; **Reitalu, Triin**; Gryguc, Grażyna; **Heinsalu, Atko**; **Stivrinš, Normunds**; **Amon, Leeli**; **Vassiljev, Jüri**; Heiri, Oliver Quaternary International 2015 / p. 4 - 11
<https://doi.org/10.1016/j.quaint.2014.10.059> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quartz grains reveal sedimentary palaeoenvironment and past storm events : a case study from eastern Baltic

Kalinska-Nartiša, Edyta; **Stivrinš, Normunds**; Grudzinska, Ieva Estuarine, coastal and shelf science 2018 / p. 359-370 : ill
<https://doi.org/10.1016/j.ecss.2017.11.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quasi-steady circulation regimes in the Baltic Sea

Liblik, Taavi; **Väli, Germa**; **Salm, Kai**; **Laanemets, Jaan**; **Lilover, Madis-Jaak**; **Lips, Urmas** Ocean science 2022 / p. 857-879
<https://doi.org/10.5194/os-18-857-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quaternary deposits of the pritaymyr islands (the Kara Shelf)

Gusev, E.A.; Yarzhembovsky, Ya.D.; Makariev, A.A.; **Molodkov, A.N.**; Maksimov, F.E.; Kupriyanova, N.V.; Kostromina, N.A.; Rudenko, O.V.; Krylov, A.V.; Sharin, V.V.; Sharapova, A.Yu. Russian geology and geophysics 2023 / p. 582-594 : ill
<https://doi.org/10.2113/RGG20224510> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Radiocarbon and other environmental isotopes in the groundwater of the sites for a planned new nuclear power plant in Lithuania

Mažeika, Jonas; **Martma, Tõnu**; Petrošius, Rimantas; Jakimavičiute-Maseliene, Vaidotė; Skuratovič, Žana Radiocarbon 2013 / p. 951-962 : ill https://doi.org/10.2458/azu_js_rc.55.16318 [Journal metrics at Scopus](#) [Article at Scopus](#)

RAPTOR-UAV : real-time particle tracking in rivers using an unmanned aerial vehicle

Thumser, Philipp; Haas, Christian; **Tuhtan, Jeffrey Andrew**; **Fuentes-Pérez, Juan Francisco**; **Toming, Gert** Earth surface processes and landforms 2017 / p. 2439-2446 : ill <https://doi.org/10.1002/esp.4199> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rare arthropod traces from the Ordovician and Silurian of Estonia (Baltica)

Vinn, Olev; **Toom, Ursula** Neues Jahrbuch für Geologie und Paläontologie 2016 / p. 135-141 : ill
<https://doi.org/10.1127/njgpa/2016/0570> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rare earth elements (REEs) in vertebrate microremains from the upper Pridoli Ohesaare beds of Saaremaa Island, Estonia : geochemical clues to palaeoenvironment

Žigaitė, Živilė; Fadel, Alexandre; **Märss, Tiit** Estonian journal of earth sciences 2015 / p. 115-120 : ill
https://artiklid.elnet.ee/record=b2715987*est <https://doi.org/10.3176/earth.2015.21> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rare rugosan-bryozoan intergrowth from the Upper Ordovician of Estonia

Vinn, Olev; Ernst, Andrej; **Toom, Ursula** Carnets de géologie 2017 / p. 145-151 : ill <https://doi.org/10.4267/2042/62664> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rare tool marks from the Upper Ordovician of Estonia (Baltica)

Vinn, Olev; **Toom, Ursula** Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2016 / p. 221-226 : ill
<https://doi.org/10.1127/njgpa/2016/0596> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reactivities of American, Chinese and Estonian oil shale semi-cokes and Argonne premium coal chars under oxy-fuel combustion conditions

Culin, Chris; Tente, Kevin; **Konist, Alar; Maaten, Birgit; Loo, Lauri** Oil shale 2019 / p. 353-369 : ill http://www.kirj.ee/32526/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/oil.2019.3.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Realistic dynamic topography through coupling geoid and hydrodynamic models of the Baltic Sea

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Continental shelf research 2021 / art. 104421 <https://doi.org/10.1016/j.csr.2021.104421> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Realization of OpenStreetMap project possibilities : special GIS software described by using case study of transport infrastructure

Pashkevich, Anton 14th SGEM GeoConference on Informatics, Geoinformatics and Remote Sensing : SGEM 2014 conference proceedings. Vol. 3 2014 / p. 799-806 : ill <https://doi.org/10.5593/sgem2014/b23/s11.102> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at Scopus](#)

Realizing the European Vertical Reference System using model-based hydrodynamic leveling data

Afrasteh, Yosra; Slobbe, D. Cornelis; Sacher, Michael; Verlaan, Maarten G.; **Jahanmard, Vahidreza**; Klees, Robert F.; Guarneri, Henrique; Keyzer, L.; Pietrzak, Jurek R.; Snellen, Martin; Zijl, Firmijn Journal of geodesy 2023 / art. 86 <https://doi.org/10.1007/s00190-023-01778-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recent climate tendencies on an East Antarctic ice shelf inferred from a shallow firn core network

Schlosser, Elisabeth; Anschutz, H.; Divine, Dmitry V.; **Martma, Tõnu**; Sinisalo, A.; Altnau, S.; Isaksson, Elisabeth Journal of geophysical research 2014 / p. 6549-6562 : ill <https://doi.org/10.1002/2013JD020818> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recent intraplate seismicity in Estonia, East European platform

Soosalu, Heidi Elisabet; Uski, Marja; Komminaho, Kari; Veski, Anu Seismological research letters 2022 / p. 1800-1811 : ill., map <https://doi.org/10.1785/0220210277> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recent progress in performance evaluations and near real-time assessment of operational ocean products

Hernandez, Fabrice; Blockley, Edward; Brassington, Gary B.; Davidson, Fraser; Divakaran, Prasanth; Drévilion, Marie; Ishizaki, Shiro; Garcia-Sotillo, Marcos; Hogan, Patrick J.; **Lagemaa, Priidik** Journal of Operational Oceanography 2015 / p. s221 - s238 <https://doi.org/10.1080/1755876X.2015.1050282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recent regime of persistent hypoxia in the Baltic Sea

Kõuts, Mariliis; Maljutenko, Ilja; Elken, Jüri; Liu, Ye; Raudsepp, Urmas Environmental Research Communications 2021 / 1-17 p <https://doi.org/10.1088/2515-7620/ac0cc4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recently accelerated oxygen consumption rates amplify deoxygenation in the Baltic Sea

Meier, H. E. Markus; **Väli, Germa**; Naumann, Michael; Eilola, Kari; Frauen, Claudia Journal of geophysical research : oceans 2018 / p. 3227-3240 : ill <https://doi.org/10.1029/2017JC013686> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The recharge of glacial meltwater and its influence on the geochemical evolution of groundwater in the Ordovician-Cambrian aquifer system, northern part of the Baltic Artesian Basin

Pärn, Joonas; Raidla, Valle; Vaikmäe, Rein; Martma, Tõnu; Ivask, Jüri; Mokrik, Robert; Erg, Katrin Applied geochemistry 2016 / p. 125-135 : ill <https://doi.org/10.1016/j.apgeochem.2016.07.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstructing Late Ordovician carbon cycle variations

Pancost, Richard D; Freeman, Katherine H.; Herrmann, Achim D.; Patzkowsky, Mark E.; Ainsaar, Leo; **Martma, Tõnu** Geochimica et cosmochimica acta 2013 / p. 433-454 : ill <https://doi.org/10.1016/j.gca.2012.11.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstructing salinity changes and environmental influence on dinoflagellate cysts in the central Baltic Sea since the late 19th century

Sildever, Sirje Estuarine, coastal and shelf science 2019 / p. 384-394 <https://doi.org/10.1016/j.ecss.2019.02.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstructing the environmental conditions around the Silurian Ireviken Event using the carbon isotope composition of bulk and palynomorph organic matter

Vandenbroucke, Thijs R. A.; Munnecke, Axel; Leng, Melanie J.; Bickert, Torsten; **Hints, Olle**; Gelsthorpe, David; Maier, Georg; Servais, Thomas Geochemistry, Geophysics, Geosystems 2013 / p. 86 - 101 <https://doi.org/10.1029/2012GC004348> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstruction of large-scale sea surface temperature and salinity fields using sub-regional EOF patterns from models

Elken, Jüri; Zujev, Mihail; She, Jun; Lagemaa, Priidik *Frontiers in earth science* 2019 / art. 232, 20 p. : ill

<https://doi.org/10.3389/feart.2019.00232> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstruction of the geological history of the Lithuanian Maritime Region from MIS 6 to MIS 3

Bitinas, Albertas; Molodkov, Anatoli; Damušyte, Aldona; Grigienė, Alma; Satkunas, Jonas; Šeiriene, Vaida; Šlauteris, Arturas

Quaternary international 2022 / p. 4-20 <https://doi.org/10.1016/j.quaint.2021.05.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstruction of the Holocene palaeoenvironmental conditions accordingly to the multiproxy sedimentary records from Lake Pilvelis, Latvia

Stankevica, Karina; Kalina, Laimdota; Klavins, Maris; Cerina, Aija; Ustupe, Liene; Kaup, Enn *Quaternary International* 2015 / p. 102

- 115 <https://doi.org/10.1016/j.quaint.2015.02.031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recreational preferences of Estonian coastal landscapes and willingness-to-pay in comparison – a good tool for creating national beach management strategy

Reimann, Mart; Ehrlich, Üllas; Tõnisson, Hannes *Beach management tools - concepts, methodologies and case studies* 2018 / p.

895-912 https://doi.org/10.1007/978-3-319-58304-4_46 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Redefining cost-optimal nZEB levels for new residential buildings

Simson, Raimo; Arumägi, Endrik; Kuusk, Kalle; Kurnitski, Jarek *E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019* 2019 / art. 03035, 7 p. : ill

<https://doi.org/10.1051/e3sconf/201911103035> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Redox fluctuations, trace metal enrichment and phosphogenesis in the ~2.0 Ga Zaonega Formation

Kipp, Michael A.; Lepland, Aivo; Buick, Roger *Precambrian Research* 2020 / Art. 105716

<https://doi.org/10.1016/j.precamres.2020.105716> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Redox zonation and organic matter oxidation in palaeogroundwater of glacial origin from the Baltic Artesian Basin

Pärn, Joonas; Affolter, Stephane; Ivask, Jüri; Kirsimäe, Kalle; Martma, Tõnu; Raidla, Valle; Vaikmäe, Rein *Chemical geology*

2018 / p. 149-161 : ill <https://doi.org/10.1016/j.chemgeo.2018.04.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Redox-sensitive trace metal hyper-enrichment in Tremadocian Alum Shale (graptolite argillite) in northwestern Estonia, Baltic Palaeobasin

Vind, Johannes; Ofili, Sylvester; Mänd, Kaarel; Soesoo, Alvar; Kirsimäe, Kalle *Chemical Geology* 2023 / art. 121746

<https://doi.org/10.1016/j.chemgeo.2023.121746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

REE + Y distribution in Tremadocian shelly phosphorites (Toolse, Estonia) : multi-stages enrichment in shallow marine sediments during early diagenesis

Graul, Sophie; Kallaste, Toivo; Pajusaar, Siim; Urston, Kriksjan; Gregor, Andre; Moilanen, Marko; Ndiaye, Mawo; Hints, Rutt

Journal of Geochemical Exploration 2023 / art. 107311 <https://doi.org/10.1016/j.gexplo.2023.107311> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

REE + Y uptake in bioapatite revisited : facies-controlled variability in coeval conodonts

Lumiste, Kaarel; Paiste, Tõnn; Paiste, Päärn; Männik, Peep; Somelar, Peeter; Kirsimäe, Kalle *Chemical Geology* 2023 / art. 121761

<https://doi.org/10.1016/j.chemgeo.2023.121761> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The REE-composition and petrography of apatite in 2Ga Zaonega Formation, Russia: The environmental setting for phosphogenesis

Joosu, Lauri; Lepland, Aivo; Kirsimäe, Kalle; Romashkin, Alexander E.; Roberts, Nick M.W.; Martin, Adam P.; Črne, Alenka E.

Chemical Geology 2015 / p. 88-107 <https://doi.org/10.1016/j.chemgeo.2014.11.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A refined late-Cryogenian - Ediacaran earth history of South China: Phosphorous-rich marbles of the Dabie and Sulu orogens

Prave, Anthony R.; Meng, Fanwei; Lepland, Aivo; Kirsimäe, Kalle; Kreitsmann, Timmu; Jiang, Clancy Zhijian *Precambrian research*

2018 / p. 166-176 : ill <https://doi.org/10.1016/j.precamres.2017.11.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Refraction may redirect waves from multiple directions into a harbour : a case study in the Gulf of Riga, eastern Baltic Sea

Männikus, Rain; Soomere, Tarmo; Najafzadeh, Fatemeh *Estonian journal of earth sciences* 2022 / p. 80-88 : ill

<https://doi.org/10.3176/earth.2022.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A regime shift toward a more anoxic environment in a Eutrophic sea in Northern Europe

Almroth-Rosell, Elin; Wählström, Irene; Väli, Germa *Frontiers in marine science* 2021 / art. 799936

Regional and local variability in coastal processes in Torres Strait, Australia, and its importance for climate change planning

Parnell, Kevin Ellis; Smithers, Scott G. Journal of coastal research 2020 / p. 616-620 <https://doi.org/10.2112/SI95-120.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Regional differences in recreational preferences of Estonian coastal landscapes

Reimann, Mart; **Ehrlich, Üllas**; Tõnisson, Hannes Journal of coastal research 2014 / p. 420-425 : ill <https://doi.org/10.2112/SI70-071.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Regional geoid computation by least squares modified Hotine's formula with additive corrections

Märdla, Silja; Ellmann, Artu; Agren, Jonas; Sjöberg, Lars E. Journal of geodesy 2018 / p. 253-270 : ill <https://doi.org/10.1007/s00190-017-1061-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Regional variability in peatland burning at mid-to high-latitudes during the Holocene

Sim, Thomas G.; Swindles, Graeme T.; Morris, Paul J.; Baird, Andy J.; Gallego-Sala, Angela V.; Wang, Yuwan; Blaauw, Maarten; Camill, Philip; Gameau, Michelle; Hardiman, Mark; Loisel, Julie; Välranta, Minna; **Stivrins, Normunds** Quaternary Science Reviews 2023 / art. 108020 <https://doi.org/10.1016/j.quascirev.2023.108020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Regulatory frameworks for lunar resources exploitation and insights from deep sea mining practices

Bruseghello, Ilenia; **Carlo, Antonio**; Pessôa-Lopes, Isabel 22nd IAA Symposium on Visions and Strategies for the Future : held at the 75th International Astronautical Congress (IAC 2024) : Milan, Italy, 14-18 October 2024 2024 / p. 374-381 <https://doi.org/10.52202/078375-0046> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Relative complex permittivity and its dependence on frequency

Giannoukos, Georgios; Min, Mart; Rang, Toomas World journal of engineering 2017 / p. 532-537 : ill <https://doi.org/10.1108/WJE-01-2017-0007> [Journal metrics at Scopus](#) [Article at Scopus](#)

Relative sea level changes and development of the Hiiumaa Island, Estonia, during the Holocene

Vassiljev, Jüri; Saarse, Leili; Grudzinska, Ieva; Heinsalu, Atko Geological Quarterly 2015 / p. 517 - 530 <https://doi.org/10.7306/gq.1227> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reliability framework for power network assessment

Mishra, Sambeet; Bordin, Chiara; Fornes, Jordi Mateo; **Palu, Ivo** 2018 International Conference on Renewable Energy and Environment Engineering (REEE 2018) 2019 / art. 02005, 7 p. : ill <https://doi.org/10.1051/e3sconf/20198002005> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Renovation of apartment buildings with prefabricated modular panels

Kuusk, Kalle; Pihelo, Peep; Kalamees, Targo E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 03023, 6 p <https://doi.org/10.1051/e3sconf/201911103023> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Replacement of the regulated price of oil shale-based electricity with open-market price and real-time tariff system opportunities

Kivipõld, Tanel; Valtin, Juhan Oil shale 2013 / p. 195-210 : ill https://artiklid.elnet.ee/record=b2631736*est <https://doi.org/10.3176/oil.2013.2S.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Representing glaciations and subglacial processes in hydrogeological models : a numerical investigation

Sterckx, Arnaud; Lemieux, Jean-Michel; **Vaikmäe, Rein** Geofluids 2017 / art. 4598902, p. 1-12 : ill <https://doi.org/10.1155/2017/4598902> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reservoir quality and petrophysical properties of Cambrian sandstones and their changes during the experimental modelling of CO2 storage in the Baltic Basin

Šogenov, Kazbulat; Šogenova, Alla; Vizika-Kavadias, Olga; Nauroy, Jean-Francois Estonian journal of earth sciences 2015 / p. 199-217 : ill https://artiklid.elnet.ee/record=b2739504*est <https://doi.org/10.3176/earth.2015.27> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Residential buildings with heat pumps peak power reduction with high performance insulation

Sarevet, Henri; Fadejev, Jevgeni; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 12008, 5 p. : ill <https://doi.org/10.1051/e3sconf/202017212008> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Respiratory infection risk based ventilation and room conditioning design method with year-round thermal comfort control in modern office buildings

Kiil, Martin; Simson, Raimo; Vösa, Karl-Villem; Mikola, Alo; Thalfeldt, Martin; Kurnitski, Jarek E3S Web Conference: The 16th

Responding to mass displacement - A competency framework for built environment professionals

Witt, Emlyn David Qivitoq; Malalgoda, Chamindi Ishara; Jayakody, Chathurangane International journal of disaster risk reduction 2023 / art. 103757 <https://doi.org/10.1016/j.ijdrr.2023.103757> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A review of particulate-reinforced aluminum matrix composites fabricated by selective laser melting

Wang, Pei; Eckert, Jürgen; Prashanth, Konda Gokuldoss; Kaban, Ivan; Xi, L.; Scudino, Sergio Transactions of nonferrous metals society of China 2020 / p. 2001-2034 [https://doi.org/10.1016/S1003-6326\(20\)65357-2](https://doi.org/10.1016/S1003-6326(20)65357-2) http://tnmsc.csu.edu.cn/paper/paperView.aspx?id=paper_321576 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Review of the extraction of key metallic values from black shales in relation to their geological and mineralogical properties

Vind, Johannes; Tamm, Kadriann Minerals Engineering 2021 / art. 107271 <https://doi.org/10.1016/j.mineng.2021.107271> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Revised conodont stratigraphy of the Cellon section (Silurian, Carnic Alps)

Corradini, Carlo; Corrigan, Maria G.; Männik, Peep; Schönlaub, Hans Peter Lethaia 2015 / p. 56-71 <https://doi.org/10.1111/let.12087> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Revision of Ordovician chitinozoan Lagenochitina esthonica sensu lato : morphometrics, biostratigraphy and paleobiogeography

Liang, Yan; Nõlvak, Jaak; Xu, Honghe; Chen, Yansen; Hints, Olle Journal of paleontology 2022 / p. 46-60 <https://doi.org/10.1017/jpa.2021.79> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Revision of Psammosteus livonicus Obruchev (Agnatha, Heterostraci) from the Devonian Amata regional stage of the NW of the East European platform

Glinskiy, Vadim N.; Mark-Kurik, Elga Estonian journal of earth sciences 2016 / p. 1-18 : ill [10.3176/earth.2016.02](https://doi.org/10.3176/earth.2016.02) https://artiklid.elnet.ee/record=b2760746*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Revision of Silurian vertebrate biozones and their correlation with the conodont succession

Märss, Tiiu; Männik, Peep Estonian journal of earth sciences 2013 / p. 181-204 : ill https://artiklid.elnet.ee/record=b2651564*est <https://doi.org/10.3176/earth.2013.15> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Revision of the concept of the orthide brachiopod Cyrtotetella in the Middle Ordovician of the East Baltic

Hints, Linda Estonian journal of earth sciences 2014 / p. 63-70 : ill https://artiklid.elnet.ee/record=b2673722*est <https://doi.org/10.3176/earth.2014.05> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Revision of thelodonts, acanthodians, conodonts, and the depositional environments in the Burgen outlier (Ludlow, Silurian) of Gotland, Sweden

Jarochovska, Emilia; Bremer, Oskar; Yu, Alexandra; Märss, Tiiu; Blom, Henning; Mörs, Thomas; Vajda, Vivi GFF 2021 / p. 168-189 : ill <https://doi.org/10.1080/11035897.2021.1907441> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

River bulge evolution and dynamics in a non-tidal sea - Daugava River plume in the Gulf of Riga, Baltic Sea

Soosaar, Edith; Maljutenko, Ilja; Uiboupin, Rivo; Skudra, Maris; Raudsepp, Urmas Ocean science 2016 / p. 417-432 : ill <https://doi.org/10.5194/os-12-417-2016> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Rogue events in spatiotemporal numerical simulations of unidirectional waves in basins of different depth

Slunyaev, Alexey; Sergeeva, Anna; Didenkulova, Irina Natural hazards 2016 / p. S549-S565 : ill <https://doi.org/10.1007/s11069-016-2430-x> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The role of landscape structure in determining palynological and floristic richness

Meltsov, Vivika; Poska, Anneli; Reitalu, Triin; Sammul, Marek; Kull, Tiiu Vegetation History and Archaeobotany 2013 / p. 39 - 49 <https://doi.org/10.1007/s00334-012-0358-y> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Rolling vs. seasonal PMF : real-world multi-site and synthetic dataset comparison

Via, Marta; Chen, Gang; Canonaco, Francesco; Daellenbach, K. R.; Chazeanu, Benjamin; Chebaicheb, Hasna; Jiang, J.; Keernik, Hannes; Lin, C.; Marchand, Nicolas Atmospheric measurement techniques 2022 / p. 5479-5495 <https://doi.org/10.5194/amt-15-5479-2022> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Rotation of floating particles in submesoscale cyclonic and anticyclonic eddies : a model study for the southeastern Baltic Sea

Zhubas, Victor; Väli, Germa; Kuzmina, Natalia Ocean science 2019 / p. 1691-1705 <https://doi.org/10.5194/os-15-1691-2019> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A Rowellecta (Lingulata, Brachiopoda) nestler in a Trypanities boring from the Middle Ordovician of Estonia : an early colonizer of hard substrate borings

Vinn, Olev; Holmer, Lars E.; Wilson, Mark A.; Isakar, Mare; **Toom, Ursula** Palaios 2023 / p. 240-245

<https://doi.org/10.2110/palo.2023.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rugosan epibionts on vertical stems from the Ludlow and Pridoli of Saaremaa, Estonia (Baltica)

Vinn, Olev; **Toom, Ursula** Palaios 2016 / p. 35-40 : ill <https://doi.org/10.2110/palo.2015.051> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Run-up of a nonlinear monochromatic wave on a plane beach in presence of a tide

Didenkulova, Irina; Pelinovsky, Efim Oceanology 2019 / p. 478–481 : ill <https://doi.org/10.1134/S0001437019040027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Run-up of long solitary waves of different polarities on a plane beach

Didenkulova, Irina; Pelinovsky, Efim; Didenkulov, Igor Izvestiya, atmospheric and oceanic physics 2014 / p. 532-538 : ill

<https://doi.org/10.1134/S000143381405003X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Run-up of surface waves on a sea wall built on a convex bottom profile

Didenkulova, Irina; Pelinovsky, Efim; Rodin, Artem Oceanology 2016 / p. 483-490 : ill <https://doi.org/10.1134/S0001437016030036>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Salinity dynamics of the Baltic Sea

Lehmann, Andreas; Myrberg, Kai; Post, Piia; Chubarenko, Irina; Dailidienė, Inga; Hinrichsen, Hans-Harald; Hüseyin, Karin; **Liblik, Taavi**; **Lips, Urmas**; Meier, H. E. Markus; Bukanova, Tatiana Earth System Dynamics 2022 / p. 373–392 : ill

<https://doi.org/10.5194/esd-13-373-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sandbian (Late Ordovician) conodonts in Estonia : distribution and biostratigraphy

Paiste, Tõnn; **Männik, Peep**; Meidla, Tõnu GFF 2022 / p. 9-23 : ill <https://doi.org/10.1080/11035897.2021.2020333> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Sandy beach evolution in the low-energy microtidal Baltic Sea : attribution of changes to hydrometeorological forcing

Eelsalu, Maris; **Parnell, Kevin Ellis**; **Soomere, Tarmo** Geomorphology 2022 / art. 108383

<https://doi.org/10.1016/j.geomorph.2022.108383> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Satellite altimetry reveals spatial patterns of variations in the Baltic Sea wave climate

Kudryavtseva, Nadezhda; **Soomere, Tarmo** Earth System Dynamics 2017 / p. 697-706 : ill <https://doi.org/10.5194/esd-2016-68>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Scale dependent diversity of bryozoan assemblages in the reefs of the Late Ordovician Vasalemma Formation, Estonia

Kröger, Björn; Ernst, Andrej; Penny, Amelia; Nakrem, Hans Arne; **Toom, Ursula** Lethaia 2023 / p. 1-16 : ill

<https://doi.org/10.18261/let.56.2.7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Scottish middle Devonian fishes in Estonia

Newman, Michael J.; **Mark-Kurik, Elga**; Den Blaauwen, Jan; Zupinš, Ivars Scottish journal of geology 2015 / p. 141-147 : ill

<https://doi.org/10.1144/sjg2014-006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sea ice dynamics influence halogen deposition to Svalbard

Spolaor, Andrea; Gabrieli, Jacopo; **Martma, Tõnu**; Kohler, Jack; Björkman, Mats B.; Isaksson, Elisabeth; Varin, Cristiano;

Vallelonga, Paul; Plane, John M. C.; Barbante, Carlo The cryosphere 2013 / p. 1645-1658 : ill <https://doi.org/10.5194/tc-7-1645-2013>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sea level changes and Neolithic hunter-fisher-gatherers in the centre of Tallinn, southern coast of the Gulf of Finland, Baltic Sea

Muru, Merle; Rosentau, Alar; Kriiska, Aivar; **Vassiljev, Jüri**; **Saarse, Leili** The Holocene 2017 / p. 917-928 : ill

<https://doi.org/10.1177/0959683616678462> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sea level dynamics and coastal erosion in the Baltic Sea region

Weisse, Ralf; Dailidienė, Inga; Hünicke, Birgit; Kahma, Kimmo; Madsen, Kristine; Omstedt, Anders; **Parnell, Kevin Ellis**; Schöne, Tilo; **Soomere, Tarmo**; **Zhang, Wenyan**; **Zorita, Eduardo** Earth System Dynamics 2021 / p. 871-898 <https://doi.org/10.5194/esd-12-871-2021>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sea state in the Baltic Sea from space-borne high-resolution synthetic aperture radar imagery

Rikka, Sander; Pleskachevsky, Andrey; **Uiboupin, Rivo**; Jacobsen, Sven International journal of remote sensing 2018 / p. 1256-

1284 : ill <https://doi.org/10.1080/01431161.2017.1399475> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sea state parameters in highly variable environment of Baltic Sea from satellite radar images

Rikka, Sander; Pleskachevsky, Andrey; **Uiboupin, Rivo;** Jacobsen, Sven 2017 IEEE International Geoscience & Remote Sensing Symposium : proceedings : July 23-28, 2017, Fort Worth, Texas, USA 2017 / p. 2965-2968 : ill
<https://doi.org/10.1109/IGARSS.2017.8127621> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Sea surface temperature variations in the south-eastern Baltic Sea in 1960–2015

Rukšėnienė, Viktorija; Dailidienė, Inga; Kelpšaitė-Rimkienė, Loreta; **Soomere, Tarmo** Baltica 2017 / p. 75-85 : ill
<https://doi.org/10.5200/baltica.2017.30.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sea-effect snowfall case in the Baltic Sea region analysed by reanalysis, remote sensing data and convection-permitting mesoscale modelling

Rannat, Kalev; Keernik, Hannes; Olsson, Taru; Post, Piia; Perttula, Tuuli; Kivi, Rigel; Voormansik, Tanel Geophysica 2018 / p. 65–91 : ill http://www.geophysica.fi/pdf/geophysica_2018_53_olsson.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Searching for the Ordovician-Silurian boundary in Estonia, Latvia and Lithuania

Meidla, Tõnu; **Hints, Oile;** Ainsaar, Leho Estonian journal of earth sciences 2023 / p. 70-73 : ill <https://doi.org/10.3176/earth.2023.53>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Seasonal dynamics and regional distribution patterns of CO₂ and CH₄ in the north-eastern Baltic Sea

Lainela, Silvie; Jacobs, Erik; **Luik, Stella-Theresa;** Rehder, Gregor; **Lips, Urmas** Biogeosciences 2024 / p. 4495-4519 : ill
<https://doi.org/10.5194/bg-21-4495-2024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Seasonal storage of residential exhaust air and sewage waste heat

Hirvonen, Janne; **Jokisalo, Juha; Kosonen, Risto** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 06009, 7 p <https://doi.org/10.1051/e3sconf/202124606009> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Seasonality of halogen deposition in polar snow and ice

Spolaor, Andrea; Vallelonga, Paul; Gabrieli, Jacopo; **Martma, Tõnu;** Björkman, Mats P.; Isaksson, Elisabeth; Cozzi, Gabriele; Turetta, Clara; Kjær, H.A.; Curran, M.A.J. Atmospheric chemistry and physics 2014 / p. 9613-9622 : ill <https://doi.org/10.5194/acp-14-9613-2014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Seasonality of submesoscale coherent vortices in the Northern Baltic Proper : a model study

Väli, Germa; Zhurbas, Victor Фундаментальная и прикладная гидрофизика 2021 / p. 122–129
<https://doi.org/10.7868/S2073667321030114> [Journal metrics at Scopus](#) [Article at Scopus](#)

Securing outer space through cyber : risks and countermeasures

Carlo, Antonio; Casamassima, Francesca IAC 2021 congress proceedings 2021 / art. 64939 <https://dl.iafastro.directory/event/IAC-2021/paper/64939/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Sedimentary carbon forms in relation to climate and phytoplankton biomass in a large, shallow, hard-water boreal lake

Ehapalu, Kristiina; Tõnno, Ilmar; **Reitalu, Triin; Alliksaar, Tiit; Liiv, Merlin;** Freiberg, Rene; Nöges, Peeter Journal of paleolimnology 2017 / p. 81-93 : ill <https://doi.org/10.1007/s10933-016-9931-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)
[Article at WOS](#)

Sedimentation dynamics in the littoral zone of Lake Peipsi

Terasmaa, Jaanus; Raukas, Anto; Vaasma, Tiit; **Tavast, Elvi** Baltica 2013 / p. 95-104 <https://doi.org/10.5200/baltica.2013.26.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective laser melting of AlSi10Mg : corrosion behavior

Sellamuthu, Prabhukumar; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** Journal of Mines, Metals and Fuels 2024 / p. 93-102 <https://doi.org/10.18311/jmmf/2024/36429> [Journal metrics at Scopus](#) [Article at Scopus](#)

Selective removal of selenium by phytoremediation from post/mining coal wastes : practicality and implications

Monei, Nthathi Lilian; Veetil, Sanoop Kumar Puthiya; Gao, Jeffrey; **Hitch, Michael William** International journal of mining, reclamation and environment 2021 / p. 69-77 : ill <https://doi.org/10.1080/17480930.2020.1801118> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Separation of the Baltic Sea water level into daily and multi-weekly components

Soomere, Tarmo; Eelsalu, Maris; Kurkin, Andrey; Rybin, Artem Continental shelf research 2015 / p. 23-32 : ill., map
<https://doi.org/10.1016/j.csr.2015.04.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Serious game for modelling neighbourhood energy supply scenarios

Prilenska, Viktorija IOP conference series : earth and environmental science 2020 / art. 012091, 12 p. : ill
<https://doi.org/10.1088/1755-1315/410/1/012091> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Shipborne GNSS acquisition of sea surface heights in the Baltic Sea

Liibusk, Aive; Varbla, Sander; Ellmann, Artu; Vahter, Kaimo; Uiboupin, Rivo; Delpeche-Ellmann, Nicole Camille Journal of geodetic science 2022 / 21 p. : ill., map <https://doi.org/10.1515/jogs-2022-0131> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Shipborne GNSS-determined sea surface heights using geoid model and realistic dynamic topography

Varbla, Sander; Liibusk, Aive; Ellmann, Artu Remote sensing 2022 / art. 2368, 30 p. : ill <https://doi.org/10.3390/rs14102368> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Shipping related activities and their environmental impact – lessons learnt from the Estonian case study

Tombak, Mari-Liis; Tapaninen, Ulla Pirita; Palu, Riina TransNav : the international journal on marine navigation and safety of sea transportation 2023 / p. 973-980 <https://doi.org/10.12716/1001.17.04.24> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silurian bentonites in Lithuania : correlations based on sanidine phenocryst composition and graptolite biozonation - interpretation of volcanic source regions

Kiipli, Tarmo; Radzevičius, Sigitas; Kallaste, Toivo Estonian journal of earth sciences 2014 / p. 18-29 : ill https://artiklid.elnet.ee/record=b2663120*est <https://doi.org/10.3176/earth.2014.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silurian conodont biostratigraphy of the Laojianshan section, Baoshan, Yunnan Province, SW China

Chen, Zhongyang; Männik, Peep; Wang, Chengyuan; Fang, Xiang; Chen, Ting; Ma, Xuan; Zhang, Yuandong Geological journal 2020 / p. 6427–6441 <https://doi.org/10.1002/gj.3813> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silurian cyathaspidid heterostracans of Northern Eurasia

Märss, Tiit Estonian journal of earth sciences 2019 / p. 113–146 : ill <https://doi.org/10.3176/earth.2019.11> https://www.ester.ee/record=b2246661*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silurian records of carbon and sulfur cycling from Estonia : The importance of depositional environment on isotopic trends

Richardson, Jocelyn A.; Keating, Colin; Lepland, Aivo; Hints, Olle Earth and planetary science letters 2019 / p. 71-82 : ill <https://doi.org/10.1016/j.epsl.2019.01.055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silurian stratigraphy of Central Iran - an update

Hairapetian, Vachik; Ghobadi Pour, Mansoureh; Popov, Leonid E.; Männik, Peep; Miller, C. Giles Acta Geologica Polonica 2017 / p. 201-233 : ill <https://doi.org/10.1515/agp-2017-0014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silurian vertebrate remains from the Oslo Region, Norway, and their implications for regional biostratigraphy

Bremer, Oskar; Turner, Susan; Märss, Tiit; Blom, Henning Norwegian Journal of Geology 2019 / p. 129 - 155 : ill <https://doi.org/10.17850/njg99-1-07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Silurian volcanism recorded in sedimentary sections at the southwestern margin of the East European Platform : geochemical correlation and tectono-magmatic interpretation

Kiipli, Tarmo Geological quarterly 2021 / p. 1-8 <https://gg.pgi.gov.pl/article/view/29012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A simplified power sizing method for the correct building integration of wood stoves

Thalfeldt, Martin; Skare, Anders; Georges, Laurent; Skreiberg, Øyvind E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 02066, 7 p. : ill <https://doi.org/10.1051/e3sconf/201911102066> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Simulated and observed reversals of wave-driven alongshore sediment transport at the eastern Baltic Sea coast

Viška, Maija; Soomere, Tarmo Baltica 2013 / p. 145-156 : ill <https://doi.org/10.5200/baltica.2013.26.15> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simulated halocline variability in the Baltic Sea and its impact on hypoxia during 1961-2007

Väli, Germa; Meier, H. E. Markus; Elken, Jüri Journal of Geophysical Research: Oceans 2013 / p. 6982 - 7000 <https://doi.org/10.1002/2013JC009192> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simulated wave-driven sediment transport along the eastern coast of the Baltic Sea

Soomere, Tarmo; Viška, Maija Journal of marine systems 2014 / p. 96-105 : ill <https://doi.org/10.1016/j.jmarsys.2013.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simulation of demand response on buildings and district heating production

Ju, Yuchen; Lindholm, Joakim; Verbeck, Moritz; Jokisalo, Juha; Kosonen, Risto; Janáček, Enc, Philipp; Li, Yantong; Schäfers,

Hans; Nord, Natasa E3S Web of Conferences : BuildSim Nordic 2022 2022 / art. 13002 <https://doi.org/10.1051/e3sconf/202236213002>
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

Simulation of modern passive stack ventilation in a retrofitted Nordic apartment building

Kravchenko, Iliia; **Kosonen, Risto; Jokisalo, Juha**; Kilpeläinen, Simo E3S Web of Conferences : BuildSim Nordic 2022 2022 / art. 14003 <https://doi.org/10.1051/e3sconf/202236214003> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Site-selectivity of symbiotic (parasitic?) pits in crinoid column material from the middle Silurian (Wenlock: Sheinwoodian) of western Estonia

Thomka, James R.; Vinn, Olev; **Toom, Ursula** Ichnos : an international journal for plant and animal traces 2022 / p. 71-75 : ill <https://doi.org/10.1080/10420940.2022.2047038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Small cornulitids from the Upper Ordovician (Katian) of Estonia

Vinn, Olev; Wilson, Mark A.; Madison, Anna; **Toom, Ursula** Palaeoworld 2024 / p. 57-64 : ill <https://doi.org/10.1016/j.palwor.2022.12.005>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Small faecal pellets in Ordovician shelly fossils from Estonia, Baltoscandia

Toom, Ursula; Vinn, Olev; Isakar, Mare; Madison, Anna; **Hints, Olle** Estonian journal of earth sciences 2020 / p. 1-19 : ill <https://doi.org/10.3176/earth.2020.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Smart projects on the development of green intellectual capital in eco-industrial parks

Mikhno, Inesa; Koval, Viktor; Khaustova, Yevheniia; **Järvis, Marina**; Gudz, Petro; Gudz, Maryna; Kostiukov, Viacheslav International Conference on Sustainable, Circular Management and Environmental Engineering (ISCMEE 2023) E3S Web of Conferences : The 3rd International Conference on Sustainable, Circular Management and Environmental Engineering (ISCMEE 2023) 2023 / art. 01020, 11 p <https://doi.org/10.1051/e3sconf/202340801020> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Smart regulations in maritime governance : Efficacy, gaps, and stakeholder perspectives

Olaniyi, O. Eunice; **Solarte Vasquez, Maria Claudia**; Inkinen, Tommi Marine pollution bulletin 2024 / art. 116341 <https://doi.org/10.1016/j.marpolbul.2024.116341> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A snapshot of internal waves and hydrodynamic instabilities in the southern Bay of Bengal

Lozovatsky, Iossif; Wijesekera, Hemantha; Jarosz, Ewa; **Lilover, Madis-Jaak** Journal of geophysical research. Oceans 2016 / p. 5898-5915 : ill <https://doi.org/10.1002/2016JC011697> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Snow contribution to first-year and second-year Arctic sea ice mass balance north of Svalbard

Granskog, Mats A.; Rösel, Anja; Dodd, Paul A.; Divine, Dmitry V.; Gerland, Sebastian; **Martma, Tõnu**; Leng, Melanie J. Journal of geophysical research : oceans 2017 / p. 2539-2549 : ill <https://doi.org/10.1002/2016JC012398> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Snowmelt, glacial and atmospheric sources of mercury to a subarctic mountain lake catchment, Yukon, Canada

Zdanowicz, C.; Karlsson, P.; Beckholmen, I.; Roach, P.; **Martma, Tõnu** Geochimica et cosmochimica acta 2018 / p. 374-393 : ill <https://doi.org/10.1016/j.gca.2018.06.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Social licence : power imbalances and levels of consciousness – two case studies

Hitch, Michael William; Lytle, Murray; Tost, Michael International journal of mining, reclamation and environment 2020 / p. 238-246 <https://doi.org/10.1080/17480930.2018.1530582> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Socially and culturally sustainable public participation in urban development : map questionnaire as a bridge-building tool in Kontula shopping mall

Nummi, Pilvi; Harsia, Eveliina SBEfin2022 Emerging Concepts for Sustainable Built Environment (SBEfin2022) 23/11/2022 - 25/11/2022 Online 2022 / art. 012011 <https://doi.org/10.1088/1755-1315/1122/1/012011> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Sodankylä ionospheric tomography data set 2003-2014

Norberg, Johannes; **Roininen, Lassi**; Kero, Antti; Raita, Tero; Ulich, Thomas; Markkanen, Markku; Juusola, Liisa; Kauristie, Kirsti Geoscientific Instrumentation, Methods and Data Systems 2016 / p. 263 - 270 <https://doi.org/10.5194/gi-5-263-2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Soil invertebrates in semi-coke heaps of Estonian oil shale industry

Kalda, Kai; Ivask, Mari; Kutti, Sander; Kuu, Annelly; Meriste, Mart; Nei, Lembit; Peda, Jane; Raukas, Anto Oil shale 2015 / p. 82-97 : ill https://artiklid.elnet.ee/record=b2716302*est <https://doi.org/10.3176/oil.2015.1.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solid heat carrier oil shale retorting technology with integrated CFB technology

Nešumajev, Dmitri; Pihu, Tõnu; Siirde, Andres; Järvik, Oliver; Konist, Alar Oil shale 2019 / p. 99-113 : ill

<https://doi.org/10.3176/oil.2019.2S.02> http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-99-113.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solvent swelling of kukersite oil shale macromolecular organic matter in binary mixtures : impact of specifically interacting solvents

Hruljova, Jelena; Savest, Natalja; Yanchilin, Alexey; Oja, Vahur; Suuberg, Eric M. Oil shale 2014 / p. 365-376 : ill https://artiklid.elnet.ee/record=b2704126*est <https://doi.org/10.3176/oil.2014.4.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Some encrusted hardgrounds from the Ordovician of Estonia (Baltica)

Vinn, Olev; **Toom, Ursula** Carnets de Geologie 2015 / p. 63 - 70 <https://doi.org/10.4267/2042/56744> [Journal metrics at Scopus](#) [Article at Scopus](#)

Space industry : applications and implications of digital transformation

Carlo, Antonio; Casamassima, Francesca IAC 2021 congress proceedings 2021 / art. 65506 <https://dl.iafastro.directory/event/IAC-2021/paper/65506/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

A sparsely encrusted hardground with abundant Trypanites borings from the Llandovery of the Velise River, western Estonia (Baltica)

Vinn, Olev; **Toom, Ursula** Estonian journal of earth sciences 2016 / p. 19-26 : ill https://artiklid.elnet.ee/record=b2760752*est <https://doi.org/10.3176/earth.2016.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatial distribution of energy of subinertial baroclinic motions in the Baltic Sea

Kurkin, Andrey; Rybin, Artem; **Soomere, Tarmo;** Kurkina, Oxana; Rouvinskaya, Ekaterina Frontiers in earth science 2020 / art. 184, 15 p. : ill <https://doi.org/10.3389/feart.2020.00184> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatial pattern of current-driven hits to the nearshore from a major marine fairway in the Gulf of Finland

Viikmäe, Bert; Soomere, Tarmo Journal of marine systems 2014 / p. 106-117 : ill <https://doi.org/10.1016/j.jmarsys.2013.06.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatial patterns in heavy-mineral concentrations along the Curonian Spit coast, southeastern Baltic Sea

Pupienis, Donatas; Buynevich, Ilya; Ryabchuk, Daria; Jarmalavičius, Darius; Žilinskas, Gintautas; Fedorovič, Julija; **Kovaleva, Olga;** Sergeev, Alexander; Cichoń-Pupienis, Anna Estuarine, coastal and shelf science 2017 / p. 41-50 : ill <https://doi.org/10.1016/j.ecss.2016.08.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatial patterns of quality of historical wave climate reconstructions for the Baltic Sea

Räämet, Andrus; Soomere, Tarmo Boreal environment research 2021 / p. 29-41 : ill <https://www.proquest.com/docview/2676153664?pq-origsite=gscholar&fromopenview=true&sourcecetype=Scholarly%20Journals> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatial variability in the trends in extreme storm surges and weekly-scale high water levels in the eastern Baltic Sea

Soomere, Tarmo; Pindsoo, Katri Continental shelf research 2016 / p. 53-64 : ill <https://doi.org/10.1016/j.csr.2015.12.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatial variability of winter bacterioplankton community composition in the Gulf of Finland (the Baltic Sea)

Laas, Peeter; Simm, Jaak; Lips, Inga; Metsis, Madis Journal of marine systems 2014 / p. 127-134 : ill <https://doi.org/10.1016/j.jmarsys.2013.07.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatial variations in the Caspian Sea wave climate in 2002–2013 from satellite altimetry

Kudryavtseva, Nadezhda; Kussembayeva, Kuanysh; Rakisheva, Zaure Bayanovna; **Soomere, Tarmo** Estonian journal of earth sciences 2019 / p. 225-240 : ill <https://doi.org/10.3176/earth.2019.16> http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2019/issue_4/earth-2019-4-225-240.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatiotemporal variability of microplastics in the Eastern Baltic Sea

Mishra, Arun; Buhhalko, Natalja; Lind, Kati; Lips, Inga; Liblik, Taavi; Väli, Germa; Lips, Urmas Frontiers in marine science 2022 / art. 875984 <https://doi.org/10.3389/fmars.2022.875984> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatiotemporal variability of wave climate in the Gulf of Riga

Najafzadeh, Fatemeh; Jankowski, Mikolaj Zbigniew; Giudici, Andrea; Männikus, Rain; Suursaar, Ülo; Viška, Maija; **Soomere, Tarmo** Oceanologia 2024 / p. 56-77 : ill <https://doi.org/10.1016/j.oceano.2023.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spheroidal carbonaceous particles in cryoconite sediment on the Russell glacier, Southwest Greenland

Stivrinš, Normunds; Lamsters, Kristaps; Karušs, Jānis; Krievāns, Māris; Rečs, Agnis Baltica 2018 / p. 115-124 : ill

<https://doi.org/10.5200/baltica.2018.31.11>

https://www.researchgate.net/publication/329466558_Spheroidal_carbonaceous_particles_in_cryoconite_sediment_on_the_Russell_glacier
Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Spring bloom dinoflagellate cyst dynamics in three eastern sub-basins of the Baltic Sea

Sildever, Sirje; Kremp, Anke; Enke, Annely; **Buschmann, Fred**; **Maljutenko, Ilja**; **Lips, Inga** Continental shelf research 2017 / p. 46-55 : ill <https://doi.org/10.1016/j.csr.2016.11.012> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Spring onset and seasonality patterns during the Late Glacial period in the eastern Baltic region

Amon, Leeli; Wagner-Cremer, Friederike; **Vassiljev, Jüri**; **Veski, Siim** Climate of the Past 2022 / p. 2143-2153 : ill., map <https://doi.org/10.5194/cp-18-2143-2022> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Spring sea-ice evolution in Rijpfjorden (808°N), Svalbard, from in situ measurements and ice mass-balance buoy (IMB) data

Wang, Caixin; Shi, Liqiong; Gerland, Sebastian; Granskog, Mats A.; Renner, Angelika H. H.; Li, Zhijun; Hansen, Edmond; **Martma, Tõnu** Annals of glaciology 2013 / p. 253-260 : ill <https://doi.org/10.3189/2013AoG62A135> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Stability of an nonlinear system «frequency converter-asynchronous motor»

Tergemes, K. T.; Karassayeva, A. R.; Sagyndikova, A. Z.; Orzhanova, Z. K.; **Šuvalova, Jelena** News of the National Academy of Sciences of the Republic of Kazakhstan 2021 / p. 124–128 <https://doi.org/10.32014/2021.2518-170X.73> Journal metrics at Scopus Article at Scopus

Statistical characterization of the sea ice extent during different winter scenarios in the Gulf of Riga (Baltic Sea) using optical remote-sensing imagery

Siitam, Laura; **Sipelgas, Liis**; **Pärn, Ove**; **Uiboupin, Rivo** International journal of remote sensing 2017 / p. 617-638 : ill <https://doi.org/10.1080/01431161.2016.1268734> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Stone Age settlement and Holocene shore displacement in the Narva-Luga Klint Bay area, eastern Gulf of Finland

Rosentau, Alar; Muru, Merle; Kriiska, Aivar; Subetto, Dmitry A.; **Vassiljev, Jüri**; Hang, Tiit; Gerasimov, Dmitry; Nordqvist, Kerkko; Ludikova, Anna; Lõugas, Lembi; Raig, Hanna; Kihno, Kersti; Aunap, Raivo; Letyka, Nikolay Boreas 2013 / p. 912 - 931 <https://doi.org/10.1111/bor.12004> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Stratification has strengthened in the Baltic Sea - an analysis of 35 years of observational data

Liblik, Taavi; **Lips, Urmas** Frontiers in earth science 2019 / art. 174, 15 p. : ill <https://doi.org/10.3389/feart.2019.00174> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Stratigraphy and facies differences of the Middle Darriwilian Isotopic Carbon Excursion (MDICE) in Baltoscandia

Ainsaar, Leho; Tinn, Oive; Dronov, Andrei V.; **Kiipli, Enli**; Radzevičius, Sigitas; Meidla, Tõnu Estonian journal of earth sciences 2020 / p. 214–222 <https://doi.org/10.3176/earth.2020.16> http://www.ester.ee/record=b2246661*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Striped texture of submesoscale fields in the northeastern Baltic Proper : results of very high-resolution modelling for summer season

Zhubas, Victor; **Väli, Germa**; Kuzmina, Natalia Oceanologia 2022 / p. 1-21 : ill <https://doi.org/10.1016/j.oceano.2021.08.003> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Stromatoporoid-coral/tubeworm intergrowths in the lowermost Silurian Varbola Formation of Estonia: first evidence of competitive interaction

Jeon, Juwan; Vinn, Olev; Liang, Kun; Zapalski, M. K.; **Toom, Ursula**; Kershaw, Stephen Lethaia 2022 / p. 1-13 : ill <https://doi.org/10.18261/let.55.2.4> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Stromatoporoids of the upper Hirnantian (Upper Ordovician) Shiqian Formation of South China: implications for environmental interpretation and the Ordovician–Silurian stromatoporoid transition

Jeon, Juwan; Kershaw, Stephen; Li, Yue; Chen, Zhong-Yang; **Toom, Ursula**; Yu, Shen-Yang; Zhang, Yuan-Dong Journal of systematic palaeontology 2024 / art. 2351930, 33 p. ill <https://doi.org/10.1080/14772019.2024.2351930> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Structural controls on seepage of thermogenic and microbial methane since the last glacial maximum in the Harstad Basin, southwest Barents Sea

Crémière, Antoine; Chand, Shyam; Sahy, Diana; Thorsnes, Terje; **Martma, Tõnu**; Noble, Stephen R.; Pedersen, Jon Halvard; Brunstad, Harald; **Lepland, Aivo** Marine and Petroleum Geology 2018 / p. 569-581 <https://doi.org/10.1016/j.marpetgeo.2018.07.010> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Structure and origin of the Vaivara Sinimäed hill range, Northeast Estonia

Vaher, Rein; **Miidel, Avo**; **Raukas, Anto** Estonian journal of earth sciences 2013 / p. 160-170 : ill

https://artiklid.elnet.ee/record=b2624775*est <https://doi.org/10.3176/earth.2013.13> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Study of thermooxidation of oil shale samples and basics of processes for utilization of oil shale ashes

Kaljuvee, Tiit; Uibu, Mai; Yörük, Can Rüstü; Einard, Marve; Triikkel, Andres; Kuusik, Rein, keemik; Trass, Olev; Štubna, Igor; Hulan, Tomaš; Loide, Valli; Jefimova, Jekaterina Minerals 2021 / at. 193 <https://doi.org/10.3390/min11020193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Subharmonic resonant excitation of edge waves by breaking surface waves

Abcha, Nizar; Zhang, Tonglei; Ezersky, Alexander; Pelinovsky, Efim; Didenkulova, Irina Nonlinear processes in geophysics 2017 / p. 157-165 : ill <https://doi.org/10.5194/npg-24-157-2017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Submesoscale processes in the surface layer of the central Baltic Sea: A high-resolution modelling study

Väli, Germa; Meier, H.E. Markus; Liblik, Taavi; Radtke, Hagen; Klingbeil, Knut; Gräwe, Ulf; Lips, Urmass Oceanologia 2024 / p. 78-90 <https://doi.org/10.1016/j.oceano.2023.11.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Submesoscale structures related to upwelling events in the Gulf of Finland, Baltic Sea (numerical experiments)

Väli, Germa; Zhurbas, Victor; Lips, Urmass; Laanemets, Jaan Journal of marine systems 2017 / p. 31-42 : ill <https://doi.org/10.1016/j.jmarsys.2016.06.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Submesoscale variability in a mesoscale front captured by a glider mission in the Gulf of Finland, Baltic Sea

Salm, Kai; Liblik, Taavi; Lips, Urmass Frontiers in marine science 2023 / art. 984246, 18 p. : ill <https://doi.org/10.3389/fmars.2023.984246> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sulfur isotope mass-independent fractionation in impact deposits of the 3.2billion-year-old Mapepe Formation, Barberton Greenstone Belt, South Africa

Van Zuilen, Mark A.; Philippot, P.; Whitehouse, Martin J.; Lepland, Aivo Geochimica et cosmochimica acta 2014 / p. 429-441 : ill <https://doi.org/10.1016/j.gca.2014.07.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sulphur isotope composition of dissolved sulphate in the Cambrian–Vendian aquifer system in the northern part of the Baltic Artesian Basin

Raidla, Valle; Kirsimäe, Kalle; Ivask, Jüri; Kaup, Enn; Knöller, Kay; Marandi, Andres; Martma, Tõnu; Vaikmäe, Rein Chemical geology 2014 / p. 147-154 : ill <https://doi.org/10.1016/j.chemgeo.2014.06.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Summer upwelling at the Boknis Eck time-series station (1982 to 2012) – A combined glider and wind data analysis

Karstensen, Johannes; Liblik, Taavi; Fischer, J.; Bumke, K.; Krahmann, G. Biogeosciences 2014 / p. 3603-3617 : ill <https://doi.org/10.5194/bg-11-3603-2014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Surface mass balance and water stable isotopes derived from firn cores on three ice rises, Fimbul Ice Shelf, Antarctica

Vega, Carmen Paulina; Schlosser, Elisabeth; Divine, Dmitry V.; Martma, Tõnu The cryosphere 2016 / p. 2763-2777 : ill <https://doi.org/10.5194/tc-10-2763-2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Surface mining technology in the zones of tectonic disturbances, Estonian oil shale deposit

Pastarus, Jüri-Rivaldo; Sõstra, Ülo; Valgma, Ingo; Kolotogina, Ljudmilla; Anepaio, Ain; Vannus, Ants; Nurme, Martin Oil shale 2013 / p. 326-335 : ill https://artiklid.elnet.ee/record=b2631758*est <https://doi.org/10.3176/oil.2013.2S.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Surface wave effects on water temperature in the Baltic Sea : simulations with the coupled NEMO-WAM model

Alari, Victor; Staneva, Joanna; Breivik, Øyvind Ocean dynamics 2016 / p. 917-930 : ill <https://doi.org/10.1007/s10236-016-0963-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sustainability assessment of Estonian oil shale mining

Šommet, Julija Oil shale 2013 / p. 363-370 : ill https://artiklid.elnet.ee/record=b2631763*est <https://doi.org/10.3176/oil.2013.2S.13> [Journal metrics at WOS](#) [Article at WOS](#) [Journal metrics at WOS](#) [Article at WOS](#)

Swell hindcast statistics for the Baltic Sea

Björkqvist, Jan-Victor; Pärt, Siim; Alari, Victor; Rikka, Sander Ocean Science 2021 / p. 1815–1829 <https://doi.org/10.5194/os-17-1815-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiosis in brachiopods and brachiopod-attached trepostome bryozoans from the Katian of Estonia

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; Tinn, Oive; Isakar, Mare; Toom, Ursula Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2023 / p. 41–50 <https://doi.org/10.1127/njgpa/2023/1111> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiosis of conulariids with trepostome bryozoans in the Upper Ordovician of Estonia (Baltica)

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Palaeogeography, palaeoclimatology, palaeoecology 2019 / p. 89-96 : ill <https://doi.org/10.1016/j.palaeo.2019.01.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiosis of cornulitids and bryozoans in the Late Ordovician of Estonia (Baltica)

Vinn, Olev; Ernst, Andrej; **Toom, Ursula** Palaios 2018 / p. 290-295 : ill <https://doi.org/10.2110/palo.2018.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiosis of cornulitids with the cystoporate bryozoan *Fistulipora* in the Pridoli of Saaremaa, Estonia

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Lethaia 2021 / p. 90-95 : ill <https://doi.org/10.1111/let.12385> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiosis of rugose corals with the cystoporate bryozoan *fistulipora przhidolensis* in the pridoli (Latest Silurian) of Saaremaa, Estonia

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Palaios 2020 / p. 237 - 244 <https://doi.org/10.2110/PALO.2020.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiotic endobiont biofacies in the Silurian of Baltica

Vinn, Olev; Wilson, Mark A.; **Mõtus, Mari-Ann** Palaeogeography, palaeoclimatology, palaeoecology 2014 / p. 24-29 : ill <https://doi.org/10.1016/j.palaeo.2014.03.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiotic worm endobionts in a stromatoporoid from the rhuddanian (Early Silurian) of Hiiumaa, Estonia

Vinn, Olev; Wilson, Mark A.; **Mõtus, Mari-Ann** Palaios 2013 / p. 863 - 866 <https://www.jstor.org/stable/43683759?seq=3> <https://doi.org/10.2110/palo.2013.078> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiotic worms in biostromal stromatoporoids from the Ludfordian (Late Silurian) of Saaremaa, Estonia

Vinn, Olev; **Mõtus, Mari-Ann** GFF 2014 / p. 503-506 : ill <https://doi.org/10.1080/11035897.2014.896412> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiotic worms in the inner aragonitic layer of *Leptodesma* (Bivalvia) from the Pridoli (Upper Silurian) of Saaremaa Island, Estonia

Vinn, Olev; Wilson, Mark A.; Isakar, Mare; **Toom, Ursula** PalZ 2021 / p. 231–236 <https://doi.org/10.1007/s12542-021-00554-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A synergy code in co-pyrolysis

Johannes, Ille; Palu, Vilja Oil shale 2013 / p. 471-490 : ill https://artiklid.elnet.ee/record=b2651379*est <https://doi.org/10.3176/oil.2013.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A synopsis of Estonian myriapod fauna (Myriapoda : Chilopoda, Diplopoda, Symphyla and Pauropoda)

Sammet, Kaarel; **Ivask, Mari**; Kurina, Olavi ZooKeys 2018 / p. 63-96 : ill <https://doi.org/10.3897/zookeys.793.28050> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A synthesis of marine monitoring methods with the potential to enhance the status assessment of the Baltic Sea

Mack, Leoni; Attila, Jenni; Aylagas, Eva; Beermann, Arne; Borja, Angel; Hering, Daniel; Kahlert, Maria; Leese, Florian; **Lips, Urmas** Frontiers in marine science 2020 / 16 p <https://doi.org/10.3389/fmars.2020.552047> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A synthetic ice core approach to estimate ion relocation in an ice field site experiencing periodical melt : a case study on Lomonosovfonna, Svalbard

Vega, Carmen Paulina; Pohjola, Veijo A.; Beaudon, Emilie; **Martma, Tõnu** The cryosphere 2016 / p. 961-976 : ill <https://doi.org/10.5194/tc-10-961-2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Taxonomy of the Sandbian (Upper Ordovician) brachiopod *Dalmanella kegelensis* Alichova, 1953 and the new genus *Alichovella*

Hints, Linda Estonian Journal of Earth Sciences 2024 / p. 45-56 : ill https://www.ester.ee/record=b2246661*est <https://doi.org/10.3176/earth.2024.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tectonic evolution and high-pressure rock exhumation in the Qiangtang terrane, central Tibet

Zhao, Zhongbao; Bons, Paul Dirk; Wang, Genhou; **Soesoo, Alvar**; Liu, Yan Solid Earth 2015 / p. 457 - 473 <https://doi.org/10.5194/se-6-457-2015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tectonolmagmatic division of the Late Ordovician (Sandbian) volcanism at the southwestern margin of Baltica using immobile trace elements : Relations to the plate movements in the Iapetus Palaeo-Ocean

Kiipli, Tarmo; Hints, Rutt; Nielsen, Arne T.; **Pajusaar, Siim**; Schovsbo, Niels H. Geological journal 2020 / p. 5155-5165 : ill <https://doi.org/10.1002/gj.3737> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Temporal evolution, petrography and composition of dolostones in the Upper Devonian Plavinas Regional Stage, southern Estonia and northern Latvia

Kleesment, Anne-Liis; Urtson, Kristjan; Kiipli, Tarmo; Martma, Tõnu; Põldvere, Anne; **Kallaste, Toivo; Šogenova, Alla; Šogenov, Kazbulat** Estonian journal of earth sciences 2013 / p. 139-159 : ill https://artiklid.elnet.ee/record=b2624772*est
<https://doi.org/10.3176/earth.2013.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Temporal scales for nearshore hits of current-driven pollution in the Gulf of Finland

Viikmäe, Bert; Soomere, Tarmo Marine pollution bulletin 2016 / p. 77-86 : ill <https://doi.org/10.1016/j.marpolbul.2016.03.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tenant-based measured electricity use in 4 large office buildings in Tallinn, Estonia

Ferrantelli, Andrea; Aljas, Hans Kristjan; Maask, Vahur; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 04001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124604001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Tentaculitids from the silurian of Estonia

Vinn, Olev; Alkahtane, Abdullah A.; El Hedeny, Magdy M.; Farraj, Saleh Al; Isakar, Mare; Toom, Ursula Neues Jahrbuch für Geologie und Palaontologie - Abhandlungen 2023 / p. 161-168 <https://doi.org/10.1127/njgpa/2023/1157> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Terminal Ordovician stratigraphy of the Siljan district, Sweden

Ebbestad, Jan Ove R.; Höglström, Anette E. S.; Frisk, Åsa M.; Martma, Tõnu; Kröger, Björn; **Kaljo, Dimitri; Pärnaste, Helje** GFF 2015 / p. 36 - 56 <https://doi.org/10.1080/11035897.2014.945620> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Terrestrial laser scanning assessment of generalization errors in conventional topographic surveys

Sobak, Martin; Ellmann, Artu; Mill, Tarvo Geodesy and cartography 2015 / p. 15-24 : ill <https://doi.org/10.3846/20296991.2015.1029755> [Journal metrics at Scopus](#) [Article at Scopus](#)

Terrestrial laser scanning for the monitoring of bridge load tests - two case studies

Lõhmus, Hannes; Ellmann, Artu; Märdla, Silja; Idnurm, Siim Survey review 2018 / p. 270-284 : ill <https://doi.org/10.1080/00396265.2016.1266117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Testing Stokes-Helmert geoid model computation on a synthetic gravity field : experiences and shortcomings

Vanicek, Petr; Ellmann, Artu Studia geophysica et geodaetica 2013 / p. 369-400 : ill <https://doi.org/10.1007/s11200-012-0270-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The 5 mm geoid model for Estonia computed by the least squares modified Stokes's formula

Ellmann, Artu; Märdla, Silja; Oja, Tõnis Survey review 2020 / p. 352-372 : ill <https://doi.org/10.1080/00396265.2019.1583848> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Baltic Sea Model Intercomparison Project (BMIP) - a platform for model development, evaluation, and uncertainty assessment

Gröger, Matthias; Placke, Manja; Meier, H. E. Markus; Börgel, Florian; Brunnabend, Sandra-Esther; Dutheil, Cyril; Gräwe, Ulf; Hieronymus, Magnus; Neumann, Thomas; Väli, Germo Geoscientific model development 2022 / p. 8613-8638 <https://doi.org/10.5194/gmd-15-8613-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The ca. 1.8 Ga mantle plume related magmatism of the central part of the Ukrainian shield

Shumlyansky, Leonid; Mitrokhin, Oleksandr; Billström, Kjell; Soesoo, Alvar GFF 2016 / p. 86-101 : ill <https://doi.org/10.1080/11035897.2015.1067253> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The chemometric approach to identification of residual oil contamination at former primitive asphalt pavement plants

Jurjeva, Jelena; Koel, Mihkel Oil shale 2019 / p. 410-430 : ill http://www.kirj.ee/32501/?tpl=1061&c_tpl=1064
<https://doi.org/10.3176/oil.2019.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The composition and properties of ash in the context of the modernisation of oil shale industry

Uibu, Mai; Tamm, Kadriann; Viires, Regiina; Reinik, Janek; Somelar, Peeter; **Raado, Lembi-Merike; Hain, Tiina; Kuusik, Rein, keemik; Triikkel, Andres** Oil shale 2021 / p. 155-176 : ill <https://doi.org/10.3176/oil.2021.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The diploporite blastozoan Glyptosphaerites (Echinodermata: Blastozoa) and the origin of diplopores

Paul, Christopher R. C.; Toom, Ursula Estonian journal of earth sciences 2021 / p. 224-239 : ill <https://doi.org/10.3176/earth.2021.15> [Journal metrics at Scopus](#) [Article at Scopus](#)

The earliest bryozoan parasite: Middle Ordovician (Darriwilian) of Osmussaar Island, Estonia

Vinn, Olev; Wilson, Mark A.; Mõtus, Mari-Ann; Toom, Ursula Palaeogeography, palaeoclimatology, palaeoecology 2014 / p. 129-

The earliest cornulitid on the internal surface of the illaenid pygidium from the Middle Ordovician of Estonia

Vinn, Olev; **Toom, Ursula**; Isakar, Mare Estonian journal of earth sciences 2017 / p. 193-197 : ill <https://doi.org/10.3176/earth.2017.19> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The earliest osteostracan Kalanaspis delectabilis gen. et sp. nov. from the mid-Aeronian (mid-Llandovery, lower Silurian) of Estonia

Tinn, Oive; **Märss, Tiiu** Journal of vertebrate paleontology 2018 / art. e1425212, 8 p. : ill <https://doi.org/10.1080/02724634.2017.1425212> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The early Katian (Late Ordovician) reefs near Saku, northern Estonia and the age of the Saku Member, Vasalemma Formation

Kröger, Björn; **Hints, Linda**; **Lehnert, Oliver**; **Männik, Peep**; **Joachimski, Michael M.** Estonian journal of earth sciences 2014 / p. 271-276 : ill <https://doi.org/10.3176/earth.2014.30> https://www.ester.ee/record=b2246661*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The environmental impact of cultural change: Palynological and quantitative land cover reconstructions for the last two millennia in northern Poland

Brown, Alex; **Poska, Anneli**; Pluskowski, Aleks Quaternary international 2019 / p. 38-54 : ill <https://doi.org/10.1016/j.quaint.2019.05.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The final meltdown of dead-ice at the Holocene Thermal Maximum (8500–7400 cal. yr BP) in western Latvia, eastern Baltic Stivrīnš, Normunds; Liiv, Merlin; Heinsalu, Atko; Galka, Mariusz; Veski, Siim The Holocene 2017 / p. 1146-1157 : ill

<https://doi.org/10.1177/0959683616683255> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The first annually resolved analysis of slash-and-burn practices in the boreal Eurasia suggests their strong climatic and socio-economic controls

Drobyshev, Igor; Aleinikov, Alexei; **Lisitsyna, Olga**; Aleksutin, Vadim; Vozmitel, Foma; Ryzhkova, Nina Vegetation history and archaeobotany 2024 / p. 301-312 : ill <https://doi.org/10.1007/s00334-023-00939-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The first continuous $\delta^{13}\text{C}$ record across the Late Silurian Lau Event on Gotland, Sweden

Younes, Hani; Calner, Mikael; **Lehnert, Oliver** GFF 2017 / p. 63-69 : ill <https://doi.org/10.1080/11035897.2016.1227362> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The geology of the Malingen structure : a probable doublet to the Lockne marine-target impact crater, central Sweden

Ormö, J.; Sturkell, Erik; **Nölvak, Jaak** Meteoritics & planetary science 2014 / p. 313-327 : ill <https://doi.org/10.1111/maps.12251> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Hirnantian (Late Ordovician) brachiopod fauna of the East Baltic : taxonomy of the key species

Hints, Linda; Harper, David A. T. Acta palaeontologica polonica 2015 / p. 395-420 : ill <https://doi.org/10.4202/app.2013.0010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Holocene isotopic record of aquatic cellulose from Lake Äntu Sinijärv, Estonia: Influence of changing climate and organic-matter sources

Street-Perrott, F. Alayne; Holmes, Jonathan A.; Robertson, Iain; Ficken, Katherine J.; Koff, Tiiu; **Martma, Tõnu** Quaternary science reviews 2018 / p. 68-83 : ill <https://doi.org/10.1016/j.quascirev.2018.05.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of seasonal changes in stratification on the dynamics of internal waves in the Sea of Okhotsk

Kurkina, Oxana; Talipova, Tatyana; **Soomere, Tarmo**; Kurkin, Andrey; Rybin, Artem Estonian journal of earth sciences 2017 / p. 238-255 : ill <https://doi.org/10.3176/earth.2017.20> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The importance of Mesodinium rubrum at post-spring bloom nutrient and phytoplankton dynamics in the vertically stratified Baltic Sea

Lips, Inga; **Lips, Urmas** Frontiers in marine science 2017 / art. 407, p. 1-16 : ill <https://doi.org/10.3389/fmars.2017.00407> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The influence of heat loss from pipes in an unheated basement on the heating energy consumption of an entire typical apartment building

Hamburg, Anti; **Kalamees, Targo** E3S Web Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) ; 172 2020 / art. 12005 <https://doi.org/10.1051/e3sconf/202017212005> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The integration of selected technology to energy activated ETICS - theoretical approach

Heim, Dariusz; Chodak, Ivan; **Ilomets, Simo**; Knera, Dominika; Wieprzkowicz, Anna; **Kalamees, Targo** E3S Web of Conferences :

12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 21004, 7 p. : ill
<https://doi.org/10.1051/e3sconf/202017221004> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The Late Pleistocene palaeoenvironmental evolution in Northern Eurasia through the prism of the mollusc shell-based ESR dating evidence

Molodkov, Anatoli Quaternary international 2020 / p. 180-197 : ill <https://doi.org/10.1016/j.quaint.2019.05.031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Lille-Blokker model – an excellent tool to describe the structure of kukersite

Mets, Birgit; Kaldas, Kristiina; Uustalu, Jaan Mihkel; Lopp, Margus Oil shale 2023 / p. 234–243

<https://doi.org/10.3176/oil.2023.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Llandovery-Wenlock boundary interval in west-central continental Estonia : an example from the Suigu (S-3) core section

Männik, Peep; Põldvere, Anne; Nestor, Viiv-Kai; Kallaste, Toivo; Kiipli, Tarmo; Martma, Tõnu Estonian journal of earth sciences 2014 / p. 1-17 : ill https://artiklid.elnet.ee/record=b2663118*est <https://doi.org/10.3176/earth.2014.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The long uphill journey of Australia's rare earth element industry : challenges and opportunities

Barakos, George; Dyer, Laurence; Hitch, Michael William International journal of mining, reclamation and environment 2022 / p. 651-670 <https://doi.org/10.1080/17480930.2022.2127248> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The lower boundary of the Haljala Regional Stage (Sandbian, Upper Ordovician) in Estonia

Paiste, Tõnn; Männik, Peep; Nõlvak, Jaak; Meidla, Tõnu Estonian journal of earth sciences 2020 / p. 76–90 : ill

<https://doi.org/10.3176/earth.2020.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Middle Devonian acanthodian assemblage of the Karksi outcrop in Estonia

Pinakhina, Darya; Märss, Tiit Estonian journal of earth sciences 2018 / p. 96-111 : ill <https://doi.org/10.3176/earth.2018.07>

http://www.ester.ee/record=b2246661*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Nitrogen-Cycling Network of Bacterial Symbionts in the Sponge *Spheciospongia vesparium*

He, Liming; Karlep, Liisi; Li, Zhiyong The Journal of Ocean University of China 2021 / p. 999–1012 <https://doi.org/10.1007/s11802-021-4530-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Ordovician and Silurian conodonts of Japan : their biostratigraphical and paleobiogeographical significance

Männik, Peep; Maekawa, Takumi; Tanaka, Gengo; Hints, Olle Island Arc 2018 / art. e12269, 11 p. : ill <https://doi.org/10.1111/iar.12269> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Ordovician brachiopod genus *Cyrtotetella*: taxonomy and distribution in the Baltic Basin

Hints, Linda Estonian journal of earth sciences 2019 / p. 147–159 : ill <https://doi.org/10.3176/earth.2019.10>

https://www.ester.ee/record=b2246661*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The problematic mollusc *Jinonicella* from the Silurian of North America

Gubanov, Alexander P.; Ebbestad, Jan Ove R.; Männik, Peep GFF 2017 / p. 216-218 : ill

<https://doi.org/10.1080/11035897.2017.1291539> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Reading Palaeofire Database : an expanded global resource to document changes in fire regimes from sedimentary charcoal records

Harrison, Sandy P.; Villegas-Díaz, Roberto; Cruz-Silva, Esmeralda; Gallagher, Daniel; Kesner, David; Lincoln, Paul; Lisitsyna, Olga; Poska, Anneli; Stivrinsk, Normunds; Vassiljev, Jüri Earth system science data 2022 / p. 1109–1124 <https://doi.org/10.5194/essd-14-1109-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The record of early Silurian climate changes from South China and Baltica based on integrated conodont biostratigraphy and isotope chemostratigraphy

Yan, Guanzhou; Lehnert, Oliver; Männik, Peep; Calner, Mikael; Luan, Xiaocong; Gong, Fang-Yi; Li, Lixia; Wei, Xin; Wang, Guang-Xu; Zhan, Renbin; Wua, Rongchang Palaeogeography, palaeoclimatology, palaeoecology 2022 / art. 111245, 16 p. : ill <https://doi.org/10.1016/j.palaeo.2022.111245> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The role of an ice-sheet, glacioisostatic movements and climate in the transformation of Middle Pleistocene depositional systems : a case study from the Reda site, northern Poland

Sokołowski, Robert J.; Molodkov, Anatoli; Hrynowiecka, Anna; Woronko, Barbara; Zielinski, Pawel Geografiska annaler. Series A, Physical geography 2021 / p. 223-258 <https://doi.org/10.1080/04353676.2021.1926241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The role of nearshore slope on cross-shore surface transport during a coastal upwelling event in Gulf of Finland, Baltic Sea

Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo; Kudryavtseva, Nadezhda Estuarine, coastal and shelf science 2018 / p. 123-135 : ill <https://doi.org/10.1016/j.ecss.2018.03.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The scaling and regeneration of the ceramic filter medium used in the dewatering of a magnetite concentrate

Salmimies, Riina; **Kallas, Juha** International journal of mineral processing 2013 / p. 21-26 : ill <https://doi.org/10.1016/j.minpro.2012.12.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The trace fossil Arachnostega in the ordovician of Estonia (Baltica)

Vinn, Olev; Wilson, Mark A.; Zatoń, Michał; **Toom, Ursula** Palaeontologia electronica 2014 / art. 40A, 9 p. : ill <https://doi.org/10.26879/477> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The trace fossil Zoophycos from the Silurian of Estonia

Vinn, Olev; **Toom, Ursula** Estonian journal of earth sciences 2015 / p. 284-288 : ill https://artiklid.elnet.ee/record=b2750892*est <https://doi.org/10.3176/earth.2015.34> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Verijärv area, South Estonia over the last millennium: A high resolution quantitative land-cover reconstruction based on pollen and historical data

Poska, Anneli; Saarse, Leili; Koppel, Kalev; Nielsen, Anne B.; Avel, Eve; **Vassiljev, Jüri;** Väli, Vivika Review of palaeobotany and palynology 2014 / p. 5-17 : ill <https://doi.org/10.1016/j.revpalbo.2014.04.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Thermal bridge effect of vertical diagonal tie connectors in precast concrete sandwich panels : an experimental and computational study

Klõšeiko, Paul; Piir, Reimo; Jeltsov, Marti; **Kalamees, Targo** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 08001, 7 p. : ill <https://doi.org/10.1051/e3sconf/202017208001> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Thermal comfort and draught assessment in a modern open office building in Tallinn

Kiil, Martin; Mikola, Alo; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 02013, 7 p. : ill <https://doi.org/10.1051/e3sconf/201911102013> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Three-dimensional tsunami runup simulation for the port of Koborinai on the Sanriku coast of Japan

Kim, Dong Chule; Kim, Kyeong Ok; Pelinovsky, Efim; **Didenkulova, Irina;** Choi, Byung Ho Journal of coastal research 2013 / p. 266-271 : ill <https://doi.org/10.2112/SI65-046> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Time-varying ionosonde trend : case study of Sodankylä hmF2 data 1957-2014

Roininen, Lassi; Laine, Marko; Ulich, Thomas Journal of geophysical research. Space physics 2015 / p. 6851-6859 : ill <https://doi.org/10.1002/2015JA021176> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Timing and drivers of local to regional scale land-cover changes in the hemiboreal forest zone during the Holocene : a pollen-based study from South Estonia

Poska, Anneli; Väli, Vivika; **Vassiljev, Jüri;** Alliksaar, Tiiu; **Saarse, Leili** Quaternary Science Reviews 2022 / art. 107351 <https://doi.org/10.1016/j.quascirev.2021.107351> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Timing and sedimentary record of late Quaternary Fluvio-Aeolian successions of the Tura-Pyshma Interfluvium (SW Western Siberia, Russia)

Sizov, Oleg; Konstantinov, Alexandr; Volvakh, Anna; **Molodkov, Anatoli** Geosciences 2020 / art. 396 ; 19 p. : ill <https://doi.org/10.3390/geosciences10100396> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Timing of the Baltic Ice Lake in the eastern Baltic

Vassiljev, Jüri; Saarse, Leili Bulletin of the Geological Society of Finland 2013 / p. 9-18 : ill <https://doi.org/10.17741/bgsf/85.1.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Timing of the deglaciation and the late-glacial vegetation development on the Pandivere Upland, North Estonia

Amon, Leeli; Saarse, Leili; Vassiljev, Jüri; Heinsalu, Atko; Veski, Siim Bulletin of the Geological Society of Finland 2016 / p. 69-83 : ill <https://doi.org/10.17741/bgsf/88.2.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Topology and spatial-pressure-distribution reconstruction of an englacial channel

Piho, Laura; Alexander, Andreas; **Kruusmaa, Maarja** The cryosphere 2022 / p. 3669-3683 <https://doi.org/10.5194/tc-16-3669-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards a healthier Gulf of Finland – results of the International Gulf of Finland Year 2014

Myrberg, Kai; **Lips, Urmas;** Orlova, Marina Journal of marine systems 2017 / p. 1-3 <https://doi.org/10.1016/j.jmarsys.2017.03.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards a resilient cyber architecture for space infrastructures : mitigating the new attack vectors

Carlo, Antonio; Pelin Manti, Nebile; Breda, Paola; Rollinde de Beaumont, Maelys; Jha, Devanshu IAC 2022 congress proceedings Proceedings of the International Astronautical Congress, IAC 2023 / art. 78079 <https://dl.iafastro.directory/event/IAC-2023/paper/78079/>
[Towards a resilient cyber architecture for space infrastructures: mitigating the new attack vectors](#) [Conference at Scopus](#) [Article at Scopus](#)

Towards an artificial intelligence model for the automated prediction of building value

Rubinstein, Simon; Witt, Emlyn David Qivitoq; Ullah, Kaleem Iop Conference Series: Earth and Environmental Science ; 1389, 1 2024 / art. 012015 <https://doi.org/10.1088/1755-1315/1389/1/012015> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Towards effective monitoring of urban stormwater for better design and management

Maharjan, Bharat; Pachel, Karin; Loigu, Enn Estonian journal of earth sciences 2016 / p. 176-199 : ill <https://doi.org/10.3176/earth.2016.12> https://artiklid.elnet.ee/record=b2802422*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards realistic dynamic topography from coast to offshore by incorporating hydrodynamic and geoid models

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Ocean modelling 2022 / art. 102124 <https://doi.org/10.1016/j.ocemod.2022.102124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards understanding the abundance of non-pollen palynomorphs: a comparison of fossil algae, algal pigments and sedaDNA from temperate lake sediments

Stivriņš, Normunds; Soininen, Janne; Tõnno, Ilmar; Freiberg, Rene; **Veski, Siim;** Kisand, Veljo Review of palaeobotany and palynology 2018 / p. 9-15 : ill <https://doi.org/10.1016/j.revpalbo.2017.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Trace elements indicating humid climatic events in the Ordovician-early Silurian

Kiipli, Enli; Kiipli, Tarmo; Kallaste, Toivo; Pajusaar, Siim Chemie der Erde = Geochemistry 2017 / p. 625-631 : ill <https://doi.org/10.1016/j.chemer.2017.05.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tracking areas with increased likelihood of surface particle aggregation in the Gulf of Finland : a first look at persistent Lagrangian Coherent Structures (LCS)

Giudici, Andrea; Suara, Kabir Adewale; **Soomere, Tarmo;** Brown, Richard J. Journal of marine systems 2021 / art. 103514, 8 p. : ill., map <https://doi.org/10.1016/j.jmarsys.2021.103514> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Trans-Baltic Palaeoproterozoic correlations towards the reconstruction of supercontinent Columbia/Nuna

Bogdanova, S.; Gorbatshev, R.; Skridlaite, G.; Soesoo, Alvar Precambrian research 2015 / p. 5-33 : ill <https://doi.org/10.1016/j.precamres.2014.11.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Transformation of internal breathers in the idealised shelf sea conditions

Rouvinskaya, Ekaterina; Talipova, Tatyana; Kurkina, Oxana; Soomere, Tarmo; Tyugin, Dmitry Continental shelf research 2015 / p. 60-71 <https://doi.org/10.1016/j.csr.2015.09.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Transient 3D simulation of 18O concentration by codes MODFLOW2005 and MT3DMS in a regional scale aquifer system : an example from the Estonian Artesian Basin

Vallner, Leo; Ivask, Jüri; Marandi, Andres; **Vaikmäe, Rein;** Raidla, Valle; **Raukas, Anto** Estonian journal of earth sciences 2020 / p. 154-174 : ill <https://doi.org/10.3176/earth.2020.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Transient processes of solar radiation

Tomson, Teolan Theoretical and applied climatology 2013 / p. 403-408 : ill <https://doi.org/10.1007/s00704-012-0742-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Treatment of tide gauge time series and marine GNSS measurements for vertical land motion with relevance to the implementation of the Baltic Sea chart datum 2000

Varbla, Sander; Ågren, Jonas; **Ellmann, Artu;** Poutanen, Markku Remote sensing 2022 / art. 920, 24 p. : ill <https://doi.org/10.3390/rs14040920> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tree taxa immigration to the eastern Baltic region, southeastern sector of Scandinavian glaciation during the Late-glacial period (14,500-11,700 cal. b.p.)

Amon, Leeli; Veski, Siim; Vassiljev, Jüri Vegetation history and archaeobotany 2014 / p. 207-216 : ill <https://doi.org/10.1007/s00334-014-0442-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tremadocian (Early Ordovician) chitinozoan biostratigraphy of South China : an update

Liang, Yan; Servais, Thomas; Tang, Peng; Liu, Jianbo; Wang, Wenhui Review of palaeobotany and palynology 2017 / p. 149-163 : ill <https://doi.org/10.1016/j.revpalbo.2017.08.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tremichnus in crinoid pluricolumnals from the Silurian of western Estonia (Baltica)

Vinn, Olev; Wilson, Mark A.; Ausich, William I.; **Toom, Ursula** Carnets de Geologie 2015 / p. 239 - 243

<https://doi.org/10.4267/2042/57951> [Journal metrics at Scopus](#) [Article at Scopus](#)

Trilobites and biofacies in the Early-Middle Ordovician of Baltica and a brief comparison with the Yangtze Plate

Bergström, Jan; **Pärnaste, Helje**; Zhiyi, Zhou Estonian journal of earth sciences 2013 / p. 205-230 : ill

https://artiklid.elnet.ee/record=b2651566*est <https://doi.org/10.3176/earth.2013.16> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tsunami runup in narrow bays : the case of Samoa 2009 tsunami

Didenkulova, Irina Natural hazards 2013 / p. 1629-1636 : ill <https://doi.org/10.1007/s11069-012-0435-7> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tsunami run-up on a plane beach in a tidal environment

Didenkulova, Irina; Pelinovsky, Efim Pure and applied geophysics 2020 / p. 1583-1593 : ill <https://doi.org/10.1007/s00024-019-02332-y>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tsunami wave run-up on a vertical wall in tidal environment

Didenkulova, Irina; Pelinovsky, Efim Pure and applied geophysics 2018 / p. 1387-1391 <https://doi.org/10.1007/s00024-017-1744-2>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Two almost-forgotten Trypanites ichnospecies names for the most common Palaeozoic macroboring

Knaust, Dirk; Dronov, Andrei V.; Toom, Ursula Papers in palaeontology 2023 / art. e1491, 17 p. : ill <https://doi.org/10.1002/spp2.1491>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Two high value geoheritage sites on Sõrve Peninsula (Saaremaa Island, Estonia): a window to the unique Late Silurian fauna

Vinn, Olev; Wilson, Mark A.; Isakar, Mare; **Toom, Ursula** Geoheritage 2024 / art. 53, 15 p. : ill <https://doi.org/10.1007/s12371-024-00957-7>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Two pollen-based methods of Eemian climate reconstruction employed in the study of the Żabieniec-Jagodnie palaeolakes in central Poland

Pidek, Irena Agnieszka; **Poska, Anneli**; Hrynowiecka, Anna; Brzozowicz, Dorota; Żarski, Marcin Quaternary International 2022 / p.

21-35 <https://doi.org/10.1016/j.quaint.2021.09.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Two successive predatory attacks on the Late Ordovician (Sandbian) gastropod Deaechospira elliptica

Vinn, Olev; Isakar, Mare; Alkahtane, Abdullah A.; El Hedeny, Magdy M.; Al Farraj, S.; **Toom, Ursula** Neues Jahrbuch für Geologie und

Palaontologie - Abhandlungen 2024 / p. 253–259 <https://doi.org/10.1127/njgpa/2024/1210> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

A two-step model for assessing the potential of shale-derived chemicals by oxidation of kukersite

Mets, Birgit; Lopp, Margus; Uustalu, Jaan Mihkel; Muldma, Kati; Niidu, Allan; Kaldas, Kristiina Oil shale 2023 / p. 344-362

<https://doi.org/10.3176/oil.2023.4.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A typical wave wake from high-speed vessels : its group structure and run-up

Didenkulova, Irina; Rodin, Artem Nonlinear processes in geophysics 2013 / p. 179-188 : ill <https://doi.org/10.5194/npg-20-179-2013>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uncertainty and consistency assessment in multiple microplastic observation datasets in the Baltic Sea

She, Jun; **Buhhalko, Natalja**; Lind, Kati; Mishra, Arun; Kikas, Villu; Costa, Elisa; Gambardella, Chiara; Montarsolo, Alessio;

Faimali, Marco Frontiers in marine science 2022 / art. 886357 <https://doi.org/10.3389/fmars.2022.886357> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uncertainty estimation for operational ocean forecast products—a multi-model ensemble for the North Sea and the Baltic Sea

Golbeck, Inga; Li, Xin; Janssen, Frank; Brüning, Thorger; Nielsen, Jacob W.; Huess, Vibeke; Söderkvist, Johan; Büchmann, Bjarne;

Siiriä, Simo-Matti; Vähä-Piikkiö, Olga; Hackett, Bruce; **Lagemaa, Priidik** Ocean Dynamics 2015 / p. 1603 - 1631

<https://doi.org/10.1007/s10236-015-0897-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Underground oil shale mine surveying using handheld mobile laser scanner

Kütimets, Kaia; Ellmann, Artu; Väli, Erik; Kanter, Sander Oil shale 2021 / p. 42–64 <https://doi.org/10.3176/oil.2021.1.03> [Journal](#)

[metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Understanding harmful algae in stratified systems: Review of progress and future directions

Berdalet, E.; McManus, M.A.; Ross, O.N.; Burchard, H.; Chavez, F.P.; Jaffe, J.S.; Jenkinson, I.R.; Kudela, R.; **Lips, Inga**; **Lips, Urmas**

Deep-sea research part II: Topical studies in oceanography 2014 / p. 4-20 : ill <https://doi.org/10.1016/j.dsr2.2013.09.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Understanding space vulnerabilities : developing technical and legal frameworks for AI and cybersecurity in the spatial field

Carlo, Antonio; Pelin Manti, Nebile; A.S.W.A.M., Bintang; Casamassima, Francesca; Boschetti, Nicolo; Breda, Paola; Rahloff, Tobias IAC 2022 congress proceedings 2022 / art. 70406 <https://dl.iafastro.directory/event/IAC-2022/paper/70406/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Underwater experiments and a theoretical model – case study in Tallinn Bay

Erm, Ants; Buschmann, Fred; Listak, Madis; Rebane, Jaan; Toming, Gert Journal of coastal research 2013 / p. 1521-1526 : ill <https://doi.org/10.2112/SI65-257> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Underwater noise impact of a ferry route on dive patterns of transiting Baltic ringed seals

Prawirasasra, Muhammad Saladin; Jüssi, Mart; **Mustonen, Mirko; Klauson, Aleksander** Estonian journal of earth sciences 2022 / p. 201–213 <https://doi.org/10.3176/earth.2022.14> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The (un)predictable challenges and opportunities in a changing world

Carlo, Antonio; Pessôa-Lopes, Isabel; Bruseghello, Ilenia IAF Businesses and Innovation Symposium held at the 75th International Astronautical Congress (IAC 2024) : Milan, Italy, 14-18 October 2024 2024 / p. 354 - 362 <https://doi.org/10.52202/078383-0026> [Conference proceedings at Scopus](#) [Article at Scopus](#)

U–Pb geochronology of detrital zircon from the Ediacaran and Cambrian sedimentary successions of NE Estonia and Volyn region of Ukraine: Implications for the provenance and comparison with other areas within Baltica

Francovschi, Ion; Shumlyanskyy, Leonid; **Soesoo, Alvar;** Tarasko, Iryna; Melnychuk, Viktor; Hoffmann, Adam; Kovalick, Alex; Love, Gordon; Bekker, Andrey Precambrian research 2023 / art. 107087, 23 p. : ill <https://doi.org/10.1016/j.precamres.2023.107087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Upper Katian (Ordovician) bentonites in the East Baltic, Scandinavia and Scotland Geochemical correlation and volcanic source interpretation

Kiipli, Tarmo; Dahlqvist, Peter; **Kallaste, Toivo; Kiipli, Enli; Nõlvak, Jaak** Geological Magazine 2015 / p. 589 - 602 <https://doi.org/10.1017/S001675681400051X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Upper Middle to lower Upper Ordovician chitinozoans and conodonts from the Bludziai-150 core, southern Lithuania

Stouge, Svend; **Bauert, Garmen; Bauert, Heikki; Nõlvak, Jaak;** Rasmussen, Jan A. Canadian journal of earth sciences 2016 / p. 781-787 : ill <https://doi.org/10.1139/cjes-2015-0205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Upper Sandbian-lower Katian bio- and chemostratigraphy in the Pajevonys-13 core section, Lithuania

Hints, Linda; Paškevičius, Juozas; **Martma, Tõnu; Männik, Peep; Nõlvak, Jaak** Estonian journal of earth sciences 2016 / p. 85-97 : ill <https://doi.org/10.3176/earth.2016.08> https://artiklid.elnet.ee/record=b2778909*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Upper Silurian stratigraphy of Podolia revisited: Carbon isotopes, bentonites and biostratigraphy

Kaljo, Dimitri; Grytsenko, Volodymyr; **Kallaste, Toivo; Kiipli, Tarmo; Martma, Tõnu** GFF 2014 / p. 136-141 : ill <https://doi.org/10.1080/11035897.2013.862850> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Upwelling characteristics in the Gulf of Finland (Baltic Sea) as revealed by Ferrybox measurements in 2007-2013

Kikas, Villu; Lips, Urmas Ocean science 2016 / p. 843-859 : ill <https://doi.org/10.5194/os-12-843-2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Upwelling characteristics in the Gulf of Riga (Baltic Sea) : multiple data source approach

Skudra, Maris; **Väli, Germa;** Ikauniece, Anda; Papirtis, Miks Frontiers in marine science 2023 / art. 1244643 <https://doi.org/10.3389/fmars.2023.1244643> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Upwelling parameters from bias-corrected composite satellite SST Maps in the Gulf of Finland (Baltic Sea)

Uiboupin, Rivo; Laanemets, Jaan IEEE Geoscience and Remote Sensing Letters 2015 / p. 592-596 <https://doi.org/10.1109/LGRS.2014.2352397> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uranium and thorium resources of Estonia

Soesoo, Alvar; Vind, Johannes; Hade, Sigrid Minerals 2020 / art. 798, 25 p. : ill <https://doi.org/10.3390/min10090798> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Urbanization-driven Cladocera community shifts in the lake - a case study from Baltic region, Europe

Lanka, Anna; Dimante-Deimantovica, Inta; Saarni, Saija; **Stivrinš, Normunds;** Tylmann, Wojciech; Zawiska, Izabela; **Veski, Siim** Anthropocene 2024 / art. 100439, 13 p. : ill <https://doi.org/10.1016/j.ancene.2024.100439> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using 81Kr and noble gases to characterize and date groundwater and brines in the Baltic Artesian Basin on the one-million-year timescale

Gerber, Christoph; **Vaikmäe, Rein**; Aeschbach-Hertig, Werner; Babre, Alise; **Raidla, Valle** *Geochimica et cosmochimica acta* 2017 / p. 187-210 : ill <https://doi.org/10.1016/j.gca.2017.01.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using Lagrangian coherent structures to investigate upwelling and physical process in the Gladstone coastal region

Ghosh, Anusmriti; Suara, Kabir Adewale; **Soomere, Tarmo**; Brown, Richard J. *Journal of marine systems* 2022 / art. 103731 <https://doi.org/10.1016/j.jmarsys.2022.103731> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using Lagrangian models to assist in maritime management of Coastal and Marine Protected Areas

Delpeche, Nicole; **Soomere, Tarmo** *Journal of coastal research* 2013 / p. 36-41 : ill <https://doi.org/10.2112/SI65-007> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Using spectrograms from underwater total pressure sensors to detect passing vessels in a coastal environment

Rätsep, Margus; **Parnell, Kevin Ellis**; **Soomere, Tarmo**; **Kruusmaa, Maarja**; **Ristolainen, Asko**; **Tuhtan, Jeffrey Andrew** *Journal of atmospheric and oceanic technology* 2020 / p. 1353-1363 : ill <https://doi.org/10.1175/JTECH-D-19-0192.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using zircon saturation thermometry of source magma in strongly altered volcanic ashes

Kiipli, Tarmo *Acta geochimica* 2022 / p. 406-418 : ill <https://doi.org/10.1007/s11631-021-00520-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

U-Th chronology and formation controls of methane-derived authigenic carbonates from the Hola trough seep area, northern Norway

Sauer, Simone; Cremiere, Antoine; Knies, Jochen; **Lepland, Aivo**; **Martma, Tõnu** *Chemical geology* 2017 / p. 164-179 : ill <https://doi.org/10.1016/j.chemgeo.2017.09.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Utilizing airborne laser scanning and geoid model for near-coast improvements in sea surface height and marine dynamics

Varbla, Sander; **Ellmann, Artu**; **Delpeche-Ellmann, Nicole Camille** *Journal of coastal research* 2020 / p. 1339-1343 <https://doi.org/10.2112/SI95-257.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Validation of Copernicus sea level altimetry products in the Baltic Sea and Estonian lakes

Liibus, Aive; **Kall, Tarmo**; **Rikka, Sander**; **Uiboupin, Rivo**; Suursaar, Ülo; Tseng, K.-H. *Remote sensing* 2020 / art. 4062, p. 1-19 <https://doi.org/10.3390/rs12244062> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)