

### **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; **Stivriņš, 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](#)

### **Abrupt rise in the contribution of CH<sub>4</sub> derived carbon to benthic secondary production of a shallow hemiboreal/boreal lake**

Belle, Simon; Tönno, Ilmar; **Stivriņš, 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 metals and changes in composition of freshwater lake organic sediments during the Holocene**

Stankevica, Karina; Vincevica-Gaile, Zane; Klavins, Maris; Kalnina, Laimdota; **Stivriņš, 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](#) [Article 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](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](#)

### **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](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 CO<sub>2</sub> - 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](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](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 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](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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://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](#)

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

**Stivriņš, 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](#) [Journal metrics at WOS](#) [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](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](#)

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

Birski, Łukasz; Staby, 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**

**Pärmaste, 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](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](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. 148 <https://doi.org/10.3390/ijgi11020148> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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, Tiiu; Nestor, Viiu-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](#)

### **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.borenav.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**

**Stivriņš, 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 bioclustrations 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; Carnero, 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; Dediłova, 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](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, Andrej; 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](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://artikliid.elnet.ee/record=b2680497\\*est](https://artikliid.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**

**Stivrinš, 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.ester.ee/record=b2246661*est)

[http://www.kirj.ee/public/Estonian\\_Journal\\_of\\_Earth\\_Sciences/2018/issue\\_4/earth-2018-4-247-258.pdf](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](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](#)

[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](#)

[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-Venjamin** 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](#)

**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**

Biogeosciences 2022 / p. 2903-2920 <https://doi.org/10.5194/bg-19-2903-2022> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

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

**(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://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](#)

[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](#)

[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](#)

[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](#)

[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

### **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](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://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**; Plóciennik, 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; Antonovitš, Liina; Bauert, Garmen; Nestor, Viuu; Nõlvak, Jaak; Tammekänd, Mairy** 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; Birski, 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 $\delta^{18}\text{O}$ phos 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



**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.; Andrič, 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, Germo;**

Zhubas, 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, Vladimir; Hladík, Vit; Kotulová, Julia; Kucharič, Ludovit; Fejdi, Vlado; Wójcicki, Adam; Tarkowski, Radostaw; Uliasz-Misiak, Barbara; Šliaupiene, 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://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, Nthati 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/S195-222.1> [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](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](https://artiklid.elnet.ee/record=b2816468*est) [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; Krunks, 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; Bošak, 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 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](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 Reviews* 2024 / art. 108811 <https://doi.org/10.1016/j.quascirev.2024.108811> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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://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](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 (Darrivillian) 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**

Jarochowska, 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**; Grigiene, 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](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](#)

**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 <sup>14</sup>C 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](#) [Journal metrics at WOS](#) [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

**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* 2023 / p. 631-652

<https://doi.org/10.1007/s10706-022-02292-6> [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 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](#)

**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, Mihhail; 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](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;** Janženc, 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, Tiiu;** 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](#)

**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**; Lilover, **Madis-Jaak**; **Lips, Urmas** Boreal environment research 2018 / p. 83-103 : ill  
[https://www.ester.ee/record=b1199571\\*est](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, Tiiu**; **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, Artu**; **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](http://www.kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-339-355.pdf)  
[https://artiklid.elnet.ee/record=b2868183\\*est](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 Oceanography 2023 / p. 54 - 57 <https://doi.org/10.5670/oceanog.2023.s1.17> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **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; Kirsi, Anna-Liisa; Ehapalu, Kristiina; Aliksaar, Tiiu; Heinsalu, Atko; Tönno, 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](#)

**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; Alroth-Rosell, Elin; Väli, Germo 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 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.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2018/issue_3/earth-2018-3-176-191.pdf) [http://www.ester.ee/record=b2246661\\*est](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 Høltedahlfonna 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; Virčava, 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 Linajärv, Estonia**

**Liiv, Merlin**; **Alliksaar, Tiiu**; 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 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 (Llandoverly, 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](#)

**Ecosystem changes in large and shallow Võrtsjärv, a lake in Estonia - evidence from sediment pigments and phosphorus fractions**  
Tönno, Ilmar; Kirsi, Anna-Liisa; Freiberg, Rene; **Alliksaar, Tiiu; 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-Kirsi/1b6537bb746d1efabb83b1db1529b453fa231138> [Journal metrics at Scopus](#) [Article at Scopus](#)

**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)**  
**Zhubas, 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](#)

**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; Muhayat, 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 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.borenv.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](http://www.ester.ee/record=b1072685*est) [https://artiklid.elnet.ee/record=b2824320\\*est](https://artiklid.elnet.ee/record=b2824320*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Effect of N<sub>2</sub> and CO<sub>2</sub> 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**

Pärm, 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](#)

### **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. 1-17 : 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-Liit**; Teinemaa, 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, Tiit**; 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](#)

### **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**

Tõnno, Ilmar; Talas, Liisi; Freiberg, Rene; Kisand, Anu; Belle, Simon; **Stivriņš, Normunds; Alliksaar, Tiiu; 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 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 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](#)

### **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/s00334-015-0542-6> [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](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, Hatem; 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://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; Trikkel, 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; Trikkel, 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; Trikkel, 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, NP Poland**

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 CO<sub>2</sub>-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 / art. 04005, 7 p  
<https://doi.org/10.1051/e3sconf/201911104005> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **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, Elefteria; 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](#)

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

Bremer, Oskar; Qu, Qingming; Sanchez, Sophie; **Märss, Tiiu**; 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 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](#)

### **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 Environmental Science ; 1166, 1 2023 / art. 012047  
<https://doi.org/10.1088/1755-1315/1166/1/012047> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **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; Stivrīnš, 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 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 (Darrivilian) of Baltica** Vinn, Olev; Toom, Ursula Estonian journal of earth sciences 2014 / p. 118-121 : ill [https://artiklid.elnet.ee/record=b2673778\\*est](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** Stivrīnš, 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; Tönno, Ilmar Climatic change 2017 / p. 205-219 : ill <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 : Aamultiproxy 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 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; Stivrinsk, 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 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](http://www.ester.ee/record=b1072685*est) <https://doi.org/10.3176/oil.2017.3.04> [https://artiklid.elnet.ee/record=b2824316\\*est](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](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**

Ofilii, 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](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://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://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; Mõtsep, 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](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](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; Shumlyanskyy, 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](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; Jõelet, Argo; **Heinsalu, Atko;** Kriiska, Aivar; Kohv, Marko; Hang, Tiit; Aunap, Raivo Boreas



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

**Carlo, Antonio**; Casamassima, Francesca IAC 2022 congress proceedings 2022 / art. 70417  
<https://iafastro.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](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/epiiugs/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, Germo**; 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://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://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> 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**  
Zhurbas, 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](#)

**Himantian (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](#)

**Himantian 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; Stivrinsk, 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 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> [Journal 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, Tiiu** 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 Brauwer, 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; **Käär, 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://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.; Albretsen, 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](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.elnet.ee/record=b2631746\\*est](https://artiklid.elnet.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 assessment**

Bagdanavičiute, 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)**

Stivriņš, Normunds; Trasune, Liva; Jasiunas, Nauris; Kalnina, Laimdota; Briede, Agrita; Maksims, Aleks; 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](#)

**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 CO<sub>2</sub> 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, Emiliia 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](#)

**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](#)

**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-14-3195-2021> [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 *Orbigynella 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](#)

[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](#)

**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](#)

[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.; Banerjea, 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](#)

[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](#)

[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](#)

[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](#)

[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.icronline.org/doi/abs/10.2112/SI85-232.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

[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](#)

### **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](#)

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**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](#)

### **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**

**Stivriņš, 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, Tiiu**; **Amon, Leeli**; Freiberg, Rene; **Heinsalu, Atko**; **Reitalu, Triin**; **Saarse, Leili**; Seppä, Heikki; **Stivriņš, 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](#)

### **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](#)

### **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](#)

### **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://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](#)

### **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://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](#)

### **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 Hýskov section, Prague Basin**

Tonarova, Petra; Vodražkova, 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**

Stivriņš, 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 Holtedahlfonna 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/10.3189/2013JoG12J203> [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; Lüütre, Enn; Põldema, 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://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; **Nõlvak, 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](#)

### **Low-temperature supercritical conversion of Kukersite oil shale**

**Fomitšov, Mihhail** Oil shale 2019 / p. 171–178 : ill [http://www.kirj.ee/public/oilshale\\_pdf/2019/issue\\_2S/OS-2019-2S-171-178.pdf](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://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 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; Käörd, 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://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; Ravis, 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](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; Quädffasel, 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](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](#)

### **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, Florence; 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://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](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 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 <https://doi.org/10.1051/e3sconf/202017217007> <https://dl.jafastro.directory/event/IAC-2020/paper/56905/> [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Morphology, ontogeny and affinities of the Hirnantian triplosiid 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**

Bagdavičiute, 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](#)

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

**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**

Kärnä, 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 bioclaustration of a symbiont in the mantle cavity of Clitambonites schmidti (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/palao.2021.067> [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](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 Opsiocrinidae 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, Tiiu** 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, Tiiu** 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 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](https://artiklid.elnet.ee/record=b2778901*est) [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](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;** Blaauwen, Jan L. den 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](http://www.ester.ee/record=b2246661*est) [Journal metrics at Scopus](#) [Journal metrics at WOS](#) [Article 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](#)

**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://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](#)

**Noncalcified 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**

**Stivrinš, 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 IAH 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**; **Zhubas, Victor**; **Skudra, Maris**; **Väli, Germa** 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**; **Zhubas, Victor**; **Skudra, Maris**; **Väli, Germa** 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://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://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**; **Järvik, 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://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 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, Tiiu**; 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, Kaare; 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* 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://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; Tonarová, 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, Sigitas 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**; **Pärn, 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](http://www.ester.ee/record=b1072685*est) [https://artiklid.elnet.ee/record=b2824314\\*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, Sigitas 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; Kołaczek, Piotr; Jankovská, Vlasta; Turner, Falko; Karpińska-Kołaczek, Monika; Pini, Roberta; Pedziszewska, Anna; Zimny, Marcelina; **Stivriňš, 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](#)

**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, Tatjana 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](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; Vodražkova, 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, Jüri**; **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, Tiiu; **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**; **Käärid, 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](#)

**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.; Melezchik, 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](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 Pilgijärvi 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, Pawel; 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-Venjamin**; 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](https://artiklid.elnet.ee/record=b2778471*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Pleistocene stratigraphy of the Vyehgda 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](#)

**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-

**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**

Delpeche-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, Tiiu; 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**

Lepland, 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](http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-128-141.pdf)  
<https://doi.org/10.3176/oil.2019.2S.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Potential structures for CO2 geological storage in the Baltic Sea : case study offshore Latvia**

Šogenov, Kazbulat; Šogenova, Alla; Vizika-Kavadias, 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://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 SO<sub>2</sub> 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](https://artiklid.elnet.ee/record=b2816466*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **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](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**

Himmeler, Tobias; Wagner, Doris; Sahy, Diana; Vadakkepuliymbatta, Sunil; Chand, Shyam; **Martma, Tõnu**; Kirsimäe, Kalle;

Mattingsdal, 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**

Järvellil, 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](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://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](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 FeS<sub>2</sub> 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 FeS<sub>2</sub> 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 Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, IAQVEC2023 2023 / art. 04021, 8 p. : ill  
<https://doi.org/10.1051/e3sconf/202339604021> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**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](#)

**Quartz grains reveal sedimentary palaeoenvironment and past storm events : a case study from eastern Baltic**  
Kalinska-Nartiša, Edyta; **Stivriņš, 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, Germo; 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-Maseliénė, Vaidotė; Skuratovič, Žana Radiocarbon 2013 / p. 951-962 : ill [https://doi.org/10.2458/azu\\_js\\_rc.55.16318](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 rugosan-bryozoan intergrowth from the Upper Ordovician of Estonia**

Vinn, Olev; Ernst, Andrej; **Toom, Ursula** Carnets de geologie 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](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](#)

<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; Anschütz, 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 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, Germo**; 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](#)

<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, Mihhail**; 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; Grigiene, Alma; Satkunas, Jonas; Šeiriene, Vaida; Šlaueris, 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](#)

**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](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](#)

**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, Germo** Frontiers in marine science 2021 / art. 799936 <https://doi.org/10.3389/fmars.2021.799936> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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; Väiliranta, Minna; **Stivrinš, 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](#)

### **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](#)

### **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://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](#)

### **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; Võsa, Karl-Villem; Mikola, Alo; Thalfeldt, Martin; Kurnitski, Jarek** E3S Web Conference: The 16th ROOMVENT Conference 2022 / art. 05008 <https://doi.org/10.1051/e3sconf/202235605008> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Responding to mass displacement - A competency framework for built environment professionals**

**Witt, Emlyn David Qivitoq;** Malalgoda, Chamindi Ishara; Jayakody, Chathuranganee 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](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](#)

### **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](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://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 Cyrtontotella 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://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.; Chazeau, 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, Germo**; 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 Rowellella (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; Hüsey, 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](#)

### **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](#)

### **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; Sarse, 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](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 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, Germo; 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-](https://dl.iafastro.directory/event/IAC-2021/paper/64939/)

[2021/paper/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, Tiiu; Liiv, Merlin; Freiberg, Rene; Nõges, 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](https://doi.org/10.5200/baltica.2013.26.10) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](https://doi.org/10.1080/17480930.2020.1801118) [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](https://doi.org/10.1515/jogs-2022-0131) [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](https://doi.org/10.3390/rs14102368) [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](https://doi.org/10.12716/1001.17.04.24) [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://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](https://artiklid.elnet.ee/record=b2663120*est) [Article at WOS](https://doi.org/10.3176/earth.2014.02)

### **Silurian conodont biostratigraphy of the Laojianshan section, Baoshan, Yunnan Province, SW China**

Chen, Zhongyang; Männik, Peep; Wang, Chengyuan; Fang, Xiang; Chen, Tingen; 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](https://doi.org/10.1002/gj.3813)

### **Silurian cyathaspidid heterostracans of Northern Eurasia**

Märss, Tiiu *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](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/agg-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, Tiiu**; 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://gq.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, Germo**; 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, 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](#)

**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; Kostjukov, 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](#)

**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](#)

**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](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://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](#) [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 Llandoverly 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://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&source-type=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](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, Germo; 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**

Stivriņš, 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](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, Anneli; 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-Cremmer, 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/10.3189/2013AoS62A135> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Stability of a 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 Darrivilian 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](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, Germo; Kuzmina, Natalia *Oceanologia* 2022 / p. 1-21 : ill <https://doi.org/10.1016/i.oceano.2021.08.003> [Journal](#)



**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; **Lepand, 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://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 structures related to upwelling events in the Gulf of Finland, Baltic Sea (numerical experiments)**

**Väli, Germo; Zhurbas, Victor; Lips, Urmas; 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, Urmas** 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.; **Lepand, 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.; Krahnmann, 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://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://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://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://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](#)

### **TectonoMagmatic division of the Late Ordovician (Sandbian) volcanism at the southwestern margin of Baltica using immobile trace elements : Relations to the plate movements in the lapetus PalaeoOcean**

**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://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.; Högström, 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 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](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 (Darrivilian) of Osmussaar Island, Estonia**

Vinn, Olev; Wilson, Mark A.; **Mõtus, Mari-Ann; Toom, Ursula** Palaeogeography, palaeoclimatology, palaeoecology 2014 / p. 129-132 : ill <https://doi.org/10.1016/j.palaeo.2014.08.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](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 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; **Nõlvak, 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 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

**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 Llandoverly-Wenlock boundary interval in west-central continental Estonia : an example from the Suigu (S-3) core section**

**Männik, Peep; Põldvere, Anne; Nestor, Viuu-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://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](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 *Cyrtonotella*: 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](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-Diaz, 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**

**Sokolowski, 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 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 Interfluve (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 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](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; Tönno, 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 regionalscale 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](#)

### **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://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-Jagodne 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 Paläontologie - 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;** **Buhalko, 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](#)

### **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](#)

### **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;** Shumlyansky, 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 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](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; **Stivrins, 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/S195-257.1> [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**

**Liibusk, 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](#)

**Validation of marine geoid models by utilizing hydrodynamic model and shipborne GNSS profiles**

**Varbla, Sander; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille** Marine geodesy 2020 / p. 134-162  
<https://doi.org/10.1080/01490419.2019.1701153> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Validation of the multi-mission altimeter wave height data for the Baltic Sea region**

**Kudryavtseva, Nadezhda; Soomere, Tarmo** Estonian journal of earth sciences 2016 / p. 161-175 : ill  
<https://doi.org/10.3176/earth.2016.13> [https://artiklid.elnet.ee/record=b2802414\\*est](https://artiklid.elnet.ee/record=b2802414*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**WAM, SWAN and WAVEWATCH III in the Finnish archipelago – the effect of spectral performance on bulk wave parameters**

**Björkqvist, Jan-Victor; Vähä-Piikkiö, Olga; Alari, Victor;** Kuznetsova, A.; Tuomi, Laura Journal of operational oceanography 2020 / p. 55-70 : ill <https://doi.org/10.1080/1755876X.2019.1633236> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Vapor pressures of narrow gasoline fractions of oil from industrial retorting of Kukersite oil shale**

**Mozaffari, Parsa; Baird, Zachariah Steven; Listak, Madis; Oja, Vahur** Oil shale 2020 / p. 287-303 : tab  
<https://doi.org/10.3176/oil.2020.4.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Variability of bottom friction velocity along the inflow water pathway in the Baltic Sea**

**Zhubas, Victor; Väli, Germo;** Golenko, Nikolay; Paka, Vadim Journal of marine systems 2018 / p. 50-58 : ill  
<https://doi.org/10.1016/j.jmarsys.2018.04.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Variability of distributions of wave set-up heights along a shoreline with complicated geometry**

**Soomere, Tarmo; Pindsoo, Katri; Kudryavtseva, Nadezhda; Eelsalu, Maris** Ocean science 2020 / p. 1047-1065  
<https://doi.org/10.5194/os-16-1047-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Variability of sea salts in ice and firn cores from Fimbul Ice Shelf, Dronning Maud Land, Antarctica**

**Vega, Carmen Paulina; Isaksson, Elisabeth; Schlosser, Elisabeth; Divine, Dmitry V.; Martma, Tõnu** The Cryosphere 2018 / p. 1681-1697 : ill <https://doi.org/10.5194/tc-12-1681-2018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Variations in parameters of extreme value distributions of water level along the eastern Baltic Sea coast**

**Soomere, Tarmo; Eelsalu, Maris; Pindsoo, Katri** Estuarine, coastal and shelf science 2018 / p. 59-68 : ill  
<https://doi.org/10.1016/j.ecss.2018.10.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Water limitations on potato yield in Estonia assessed by crop modelling**

**Saue, Triin;** Kadaja, Jüri Agricultural and forest meteorology 2014 / p. 20-28 : ill <https://doi.org/10.1016/j.agrformet.2014.03.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Water quality near Estonian harbours in the Baltic Sea as observed from entire MERIS full resolution archive**

**Sipelgas, Liis; Uiboupin, Rivo; Arikas, Age; Siitam, Laura** Marine pollution bulletin 2018 / p. 565-574 : ill  
<https://doi.org/10.1016/j.marpolbul.2017.09.058> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Wave climate in Lake Peipsi**

**Nikolkina, Irina; Soomere, Tarmo; Didenkulova, Irina** Journal of coastal research 2013 / p. 2035-2040 : ill  
<https://doi.org/10.2112/S165-344> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Wave height return periods from combined measurement–model data: a Baltic Sea case study**

**Björkqvist, Jan-Victor; Rikka, Sander; Alari, Victor; Männik, Aarne;** Tuomi, Laura; Pettersson, Heidi Natural hazards and earth system sciences 2020 / p. 3593–3609 <https://doi.org/10.5194/nhess-20-3593-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ventilation effectiveness in classroom infection risk control**

**Kiil, Martin; Valgma, Ingo; Võsa, Karl-Villem; Simson, Raimo; Mikola, Alo; Tark, Teet; Kurnitski, Jarek** E3S Web of Conferences : 11th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, IAQVEC2023 2023 / art. 01043, 8 p <https://doi.org/10.1051/e3sconf/202339601043> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Vertebrate remains and conodonts in the upper Silurian Hamra and Sundre formations of Gotland, Sweden**

Bremer, Oskar; Jarochowska, Emilia; **Märss, Tiit** GFF 2020 / p. 52-80 : ill <https://doi.org/10.1080/11035897.2019.1655790> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Widespread, episodic decline of alder (Alnus) during the medieval period in the boreal forest of Europe**  
**Stivrīnš, Normunds**; Buchan, Michelle S.; Disbrey, Helena R.; **Veski, Siim** Journal of quaternary science 2017 / p. 903-907 : ill <https://doi.org/10.1002/jqs.2984> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Wind fetch effect on underwater wind-driven sound**  
**Prawirasasra, Muhammad Saladin**; **Mustonen, Mirko**; **Klauson, Aleksander** Estonian journal of earth sciences 2024 / p. 15-25 : ill <https://doi.org/10.3176/earth.2024.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Wind-controlled transport of saltwater in the Southeastern Baltic Sea : a model study**  
Zhurbas, Victor; **Väli, Germo** Frontiers in marine science 2022 / art. 835656 <https://doi.org/10.3389/fmars.2022.835656> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Wind-driven residual circulation and related oxygen and nutrient dynamics in the Gulf of Finland (Baltic Sea) in winter**  
**Lips, Urmas**; **Laanemets, Jaan**; **Lips, Inga**; **Liblik, Taavi**; **Suhhova, Irina**; Suursaar, Ülo Estuarine, coastal and shelf science 2017 / p. 4-15 : ill <https://doi.org/10.1016/j.ecss.2016.10.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Wind-driven stratification patterns and dissolved oxygen depletion off the Changjiang (Yangtze) Estuary**  
**Liblik, Taavi**; Wu, Yijing; Fan, Daidu; Shang, Dinghui Biogeosciences 2020 / p. 2875–2895 : ill <https://doi.org/10.5194/bg-17-2875-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Winds in the Gulf of Riga from QuikSCAT and ground-based measurements**  
Služenikina, Jekaterina; **Keevallik, Sirje** International Journal of Remote Sensing 2016 / p. 5731 - 5747 <https://doi.org/10.1080/01431161.2013.796098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The winter stratification phenomenon and its consequences in the Gulf of Finland, Baltic Sea**  
**Liblik, Taavi**; **Väli, Germo**; **Lips, Inga**; **Lilover, Madis-Jaak**; **Kikas, Villu**; **Laanemets, Jaan** Ocean Science 2020 / p. 1475 - 1490 <https://doi.org/10.5194/os-16-1475-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Viscosity data for kukersite shale gasoline fractions**  
**Baird, Zachariah Steven**; **Yanchilin, Alexey**; **Oja, Vahur**; **Järvik, Oliver** Oil shale 2022 / p. 241-251 <https://doi.org/10.3176/oil.2022.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Yields and the selected physicochemical properties of thermobitumen as an intermediate product of the pyrolysis of Kukersite oil shale**  
**Astra, Hanna-Liina**; **Albert, Tiina**; **Mozaffari, Sepehr**; **Järvik, Oliver**; **Yanchilin, Alexey**; **Kamenev, Sven**; Karagöz, Selhan; **Oja, Vahur** Oil shale 2021 / p. 295-316 <https://doi.org/10.3176/oil.2021.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**δ13C chemostratigraphy of the Middle and Upper Ordovician succession in the Tartu-453 drillcore, southern Estonia, and the significance of the HICE**  
**Bauert, Heikki**; Ainsaar, Leho; Põldsaar, Kairi; Sepp, Siim Estonian journal of earth sciences 2014 / p. 195-200 : ill [https://artiklid.elnet.ee/record=b2705791\\*est](https://artiklid.elnet.ee/record=b2705791*est) <https://doi.org/10.3176/earth.2014.18> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Рельеф, строение и возраст четвертичных отложений долины р. Лены в Якутской излучине**  
Pravkin, Sergei; Bolšijanov, Dmitri; Saveljeva, Larisa; Pomortsev, Oleg; **Molodkov, Anatoli** Вестник Санкт-Петербургского университета. Науки о Земле 2018 / С. 209–229 : илл <https://doi.org/10.21638/11701/spbu07.2018.206> <https://escjournal.spbu.ru/article/view/1243/1081> [Journal metrics at Scopus](#) [Article at Scopus](#)