

#### **Age of the Kalana Lagerstätte, early Silurian, Estonia**

**Männik, Peep;** Tinn, Olive; 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](#)

#### **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](#)

#### **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 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 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](#)

#### **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](#)

#### **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](#)

#### **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 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](#)

#### **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 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 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](#)

**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](#)

**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](#)

**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](#)

**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](#)

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

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

**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](#)

**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](#)

**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](#)

**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.eester.ee/record=b2246661\\*est](http://www.eester.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](#)

**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](#)

**Challenges, benefits, and open questions in data-driven commercial building cooling optimization**

**Sukhanov, Ivan; Volkova, Anna; Köse, Ahmet;** Hani, Allan; **Petlenkov, Eduard** E3S Web of Conferences : BuildSim Nordic 2024 2024 / art. 06003 <https://doi.org/10.1051/e3sconf/202456206003> [Conference proceedings at Scopus](#) [Article at Scopus](#) [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](#)

**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](#)

**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](#)

**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 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](#)

**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](#)

**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](#)

**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](#)

**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: Cystoblastus and the origin of the Hemicosmitoida (Echinodermata: Blastozoa) (Estonian Journal of Earth Sciences, 2021, 70, 3, 165–181, (10.3176/earth.2021.13))**

**Paul, Christopher R. C.; Toom, Ursula** Estonian Journal of Earth Sciences 2024 / p. 57 <https://doi.org/10.3176/earth.2024.04> [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](#)

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

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

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

**Paul, Christopher R. C.; Toom, Ursula** Estonian journal of earth sciences 2021 / p. 165-181 : ill <https://doi.org/10.3176/earth.2021.13> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**Data-driven model for real-time evaluating capacity of commercial buildings to participate in the demand response**  
**Belikov, Juri;** Matskevich, Aliaksei; **Köse, Ahmet;** **Petlenkov, Eduard** E3S Web of Conferences : BuildSim Nordic 2024 2024 / art. 04001, 12 p <https://doi.org/10.1051/e3sconf/202456204001> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Demand response in the German district heating system**

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

**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](#)

**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](#)

**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 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](#)

**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](#)

**Discovery of trimerellide brachiopod Gasconsia from the Ordovician of Estonia**

**Hints, Linda;** **Rong, Jiayu** Estonian journal of earth sciences 2024 / p. 124-133 : ill <https://doi.org/10.3176/earth.2024.12> [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](#)

**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](#)

**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](#)

**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 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 Silurian crinoid diversification on Baltica : Euspirocrinus varbolaensis sp. nov**

Ausich, William I.; Wilson, Mark A.; Toom, Ursula Estonian journal of earth sciences 2024 / p. 37-44 : ill

<https://doi.org/10.3176/earth.2024.05> [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 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](#)

### **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](#)

### **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](#)

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

Hajian, Hatef; Ahmed, Kaiser; **Kurnitski, Jarek** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 09002, 10

p. : ill <https://doi.org/10.1051/e3sconf/202124609002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Estimation of gap fraction and foliage clumping in forest canopies**

Kuusk, Andres; Pisek, Jan; Lang, Mait; **Märdla, Silja** Remote sensing 2018 / art. 1153, 17 p. : ill <https://doi.org/10.3390/rs10071153>

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

### **Estonia and Antarctica**

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

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

### **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](#)

### **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](#)

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

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

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

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

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

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

[Article at WOS](#)

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

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

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

### **Experiments on Microclimatically adapt a courtyard to climate change**

Naboni, Emanuele; Siani, Rossella; Turrini, Marcello; Touloupaki, Eleftheria; Gherri, Barbara; **De Luca, Francesco** IOP Conference Series: Earth and Environmental Science 2023 / art. 012032 <https://doi.org/10.1088/1755-1315/1196/1/012032> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **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; Muhyat, 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](#)

### **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; **Stivriņš, 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](#)

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

Fryda, Jiri; **Lehnert, Oliver**; Joachimski, Michael Estonian Journal of Earth Sciences 2015 / p. 42 - 46 <https://doi.org/10.3176/earth.2015.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Vinn, Olev; **Toom, Ursula** Estonian journal of earth sciences 2014 / p. 118-121 : ill [https://artiklid.elnet.ee/record=b2673778\\*est](https://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 report of an aulaceratid stromatoporoid from the Ordovician of Baltica**

Jeon, Juwan; **Toom, Ursula** Estonian journal of earth sciences 2024 / p. 71-80 : ill <https://doi.org/10.3176/earth.2024.07> [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](#)

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

Kisand, Veljo; Talas, Liisi; Kisand, Anu; Stivriņš, 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](#)

### **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](#)

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

Leben, Kristjan; Mötlep, Riho; Paaver, Peeter; **Konist, Alar**; **Pihu, Tõnu**; Kirsimäe, Kalle Estonian journal of earth sciences 2020 / p. 134-142 : ill <https://doi.org/10.3176/earth.2020.09> [https://kirj.ee/public/Estonian\\_Journal\\_of\\_Earth\\_Sciences/2020/issue\\_3/earth-2020-3-121-133.pdf](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](#)

### **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](#)

### **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 (G@GPS)**

Haldorsen, Sylvi; Ploeg, Martine J. van der; Cendon, Dioni I.; **Vaikmäe, Rein** Episodes 2016 / p. 556-567 : ill

<https://doi.org/10.18814/epiugs/2016/v39i4/103888> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **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](#)

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

Zhubas, Victor; **Väli, Germa**; 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](#)

### **How do simple wave models perform compared with sophisticated models and measurements in the Gulf of Finland?**

**Männikus, Rain**; **Soomere, Tarmo**; Suursaar, Ülo Estonian journal of earth sciences 2024 / p. 98-111

<https://doi.org/10.3176/earth.2024.10> [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](#)

### **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](#)

### **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](#)

### **Impact of changes in sea ice cover on the wave climate of semi-enclosed, seasonally ice-covered water bodies at temperate latitudes: a case study in the Gulf of Riga**

**Najafzadeh, Fatemeh; Soomere, Tarmo** Estonian journal of earth sciences 2024 / p. 26-36 <https://doi.org/10.3176/earth.2024.03>  
[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](#)

### **Indoor climate and energy performance in nearly zero energy day care centers and school buildings**

**Kaiser, Ahmed; Kuusk, Kalle; Heininen, Henrik; Arumägi, Endrik; Kalamees, Targo; Hasu, Tero; Lolli, Nicola; Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 02003 ; 9 p. : ill  
<https://doi.org/10.1051/e3sconf/201911102003> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Indoor temperature conditions and energy demand of a Finnish detached house in a changing climate**

**Farahani, Azin Velashjerdi; Jokisalo, Juha; Korhonen, Natalia; Kosonen, Risto** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 15001, 7 p. : ill <https://doi.org/10.1051/e3sconf/202124615001> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **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](#)

### **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](#)

### **Internal stratification of two thick Ordovician bentonites of Estonia : deciphering primary magmatic, sedimentary, environmental and diagenetic signatures**

**Siir, Sven; Kallaste, Toivo; Kiipli, Tarmo; Hints, Rutt** Estonian journal of earth sciences 2015 / p. 140-158 : ill  
[https://artiklid.elnet.ee/record=b2727638\\*est](https://artiklid.elnet.ee/record=b2727638*est) <https://doi.org/10.3176/earth.2015.23> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal](#)

**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](#)

**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](#)

**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](#)

**A Late Ordovician age for the Whirlpool and Power Glen formations, New York**

Schröer, Laurenz; Vandenbroucke, Thijs R. A.; **Hints, Olle** Canadian journal of earth sciences 2016 / p. 739-747 <https://doi.org/10.1139/cjes-2015-0226> [Journal metrics at scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Late Ordovician jaw-bearing polychaetes from Anticosti Island, eastern Canada, and their biogeographic significance**

**Hints, Olle**; **Tonarova, Petra**; Desrochers, Andre Canadian journal of earth sciences 2016 / p. 731-738 : ill <https://doi.org/10.1139/cjes-2015-0222> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Late 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](#)

**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 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](#)

**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](#)

**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-term and decadal sea-level trends of the Baltic Sea using along-track satellite altimetry**

**Mostafavi, Majid**; **Ellmann, Artu**; **Delpêche-Ellmann, Nicole Camille** Remote sensing 2024 / art. 760 <https://doi.org/10.3390/rs16050760> [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](#)

**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; Käär, Arvo; Valdmann, Ain Natural Hazards and Earth System Sciences 2013 / p. 3049 - 3061 <https://doi.org/10.5194/nhess-13-3049-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **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](#)

### **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 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](#)

### **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](#)

### **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](#)

### **The Mid-Ludfordian (late Silurian) Glaciation : a link with global changes in ocean chemistry and ecosystem overturns**

Fryda, Jiri; 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](#)

### **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](#)

### **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](#)

**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](#)

**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](#)

**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](#)

**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, Tiiu** 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 biostratigraphically important chitinozoans from the Kukruse Regional Stage, Upper Ordovician of Baltoscandia**

**Nõlvak, Jaak; Bauert, Garmen** Estonian journal of earth sciences 2015 / p. 218-224 : ill [https://artiklid.elnet.ee/record=b2739527\\*est](https://artiklid.elnet.ee/record=b2739527*est) <https://doi.org/10.3176/earth.2015.28> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A new Byronia 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 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 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](#)

**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 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>

**A new species of the antiarch *Microbrachius* from the Middle Devonian (Givetian) of Belarus**

**Mark-Kurik, Elga;** Newman, Michael J.; **Toom, Ursula;** Den Blaauwen, Jan *Estonian journal of earth sciences* 2018 / p. 3-13 : ill <https://doi.org/10.3176/earth.2017.22> [http://www.ester.ee/record=b2246661\\*est](http://www.ester.ee/record=b2246661*est) [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](#)

**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](#)

**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](#)

**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 / 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 / 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](#)

**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 data-driven investigation of factors affecting the need for icebreaker assistance in ice-covered waters**

Liu, Cong; Kulkarni, Ketki; Suominen, Mikko; **Kujala, Pentti Jouko Sakari; Musharraf, Mashura** *Cold regions science and technology* 2024 / art. 104173 <https://doi.org/10.1016/j.coldregions.2024.104173> [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, Kaie; Reinart, Anu *Remote sensing* 2020 / art. 931 <https://doi.org/10.3390/rs12060931> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Optimal PI control parameters for accurate underfloor heating temperature control**

**Kull, Tuule Mall; Thalfeldt, Martin; Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 / art. 01081, 8 p. : ill <https://doi.org/10.1051/e3sconf/201911101081> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **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](#)

### **Palaeoenvironmental signatures revealed from rare earth element (REE) compositions of vertebrate microremains of the Vesiku Bone Bed (Homerian, Wenlock), Saaremaa Island, Estonia**

Fadel, Alexandre; Žigaitė, Živilė; Blom, Henning; Pérez-Huerta, Alberto; Jeffries, Teresa; **Märss, Tiit**; Ahlberga, Per Erik Estonian Journal of Earth Sciences 2015 / p. 36 - 41 <https://doi.org/10.3176/earth.2015.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Palaeoproterozoic oxygenated oceans following the Lomagundi–Jatuli Event**

Mänd, Kaarel; Lalonde, Stefan V.; Robbins, Leslie J.; Thoby, Marie; Paiste, Kärt; Kreitsmann, Timmu; **Paiste, Päärn**; Reinhard, Christopher T.; Romashkin, Alexandr E.; Planavsky, Noah J.; Kirsimäe, Kalle; **Lepland, Aivo**; Konhauser, Kurt O. Nature geoscience 2020 / p. 302-306 <https://doi.org/10.1038/s41561-020-0558-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Palaeoseismic deformations in the Eastern Baltic region (Kaliningrad District of Russia)**

Druzhinina, Olga; Bitinas, Albertas; **Molodkov, Anatoli**; Kolesnik, Tatyana Estonian journal of earth sciences 2017 / p. 119-129 : ill <https://doi.org/10.3176/earth.2017.09> [http://www.ester.ee/record=b2246661\\*est](http://www.ester.ee/record=b2246661*est) [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 / 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](#)

### **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 / 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](#)

### **Performance of an earth-air heat exchanger (EAHE) in a heat recovery ventilation for residential buildings in severe cold regions**

Hu, Xinyi; **Jokisalo, Juha; Kosonen, Risto**; Lehtonen, Matti BuildSim Nordic 2024 : Espoo, Finland, June 9-11, 2024 / 12 p. <https://doi.org/10.1051/e3sconf/202456205002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [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](#)

### **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](#)

### **Potential influence of sulphur bacteria on Palaeoproterozoic phosphogenesis**

Lepand, Aivo; Joosu, Lauri; Kirsimäe, Kalle Nature geoscience 2014 / p. 20-24 : ill <https://doi.org/10.1038/ngeo2005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A 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 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](#)

### **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](#)

### **Protracted post-glacial hydrocarbon seepage in the Barents Sea revealed by U–Th dating of seep carbonates**

Himmler, Tobias; Wagner, Doris; Sahy, Diana; Vadakkepuliymbatta, Sunil; Chand, Shyam; Martma, Tõnu; Kirsimäe, Kalle; Mattingsdal, Rune; Panieri, Giuliana; Lepand, 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**

Järvelill, 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](#)

### **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](#)

### **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-Maselienė, 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](#)

### **Rare earth elements (REEs) in vertebrate microremains from the upper Pridoli Ohesaare beds of Saaremaa Island, Estonia : geochemical clues to palaeoenvironment**

Žigaitė, Živilė; Fadel, Alexandre; Märss, Tiit Estonian journal of earth sciences 2015 / p. 115-120 : ill

[https://artiklid.elnet.ee/record=b2715987\\*est](https://artiklid.elnet.ee/record=b2715987*est) <https://doi.org/10.3176/earth.2015.21> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Reconstruction of Baltic gridded sea levels from tide gauge and altimetry observations using spatiotemporal statistics from reanalysis**

**Elken, Jüri; Barzandeh, Amirhossein; Maljutenko, Ilja; Rikka, Sander** Remote sensing 2024 / art. 2702

<https://doi.org/10.3390/rs16152702> [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](#)

**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](#)

**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](#)

**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](#)

**Representing glaciations and subglacial processes in hydrogeological models : a numerical investigation**

Sterckx, Arnaud; Lemieux, Jean-Michel; **Vaikmäe, Rein** Geofluids 2017 / art. 4598902, p. 1-12 : ill <https://doi.org/10.1155/2017/4598902>

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

**Reservoir quality and petrophysical properties of Cambrian sandstones and their changes during the experimental modelling of CO2 storage in the Baltic Basin**

**Šogenov, Kazbulat; Šogenova, Alla; Vizika-Kavvadias, Olga; Nauroy, Jean-Francois** Estonian journal of earth sciences 2015 / p. 199-217 : ill [https://artiklid.elnet.ee/record=b2739504\\*est](https://artiklid.elnet.ee/record=b2739504*est) <https://doi.org/10.3176/earth.2015.27> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

**Residential buildings with heat pumps peak power reduction with high performance insulation**

**Sarevet, Henri; Fadejev, Jevgeni; Thalfeldt, Martin; Kurnitski, Jarek** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 12008, 5 p. : ill

<https://doi.org/10.1051/e3sconf/202017212008> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Respiratory infection risk based ventilation and room conditioning design method with year-round thermal comfort control in modern office buildings**

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

**A review of temporal constraints for the Palaeoproterozoic large, positive carbonate carbon isotope excursion (the Lomagundi-Jatuli Event)**

Martin, Adam P.; Condon, Daniel J.; Prave, Anthony R.; **Lepland, Aivo** Earth-Science Reviews 2013 / p. 242 - 261

<https://doi.org/10.1016/j.earscirev.2013.10.006> [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, Tiit; 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 Cyrtototella 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](#)

### **Salinity dynamics of the Baltic Sea**

Lehmann, Andreas; Myrberg, Kai; Post, Piia; Chubarenko, Irina; Dailidienė, Inga; Hinrichsen, Hans-Harald; Hüseyin, Karin; **Liblik, Taavi**; **Lips, Urmas**; Meier, H. E. Markus; Bukanova, Tatiana Earth System Dynamics 2022 / p. 373–392 : ill <https://doi.org/10.5194/esd-13-373-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **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](#)

### **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](#)

### **Sedimentologic successions and chronology of the late Pleistocene deposits on the southern Kola Peninsula, northern Europe**

Korsakova, Olga; **Molodkov, Anatoli**; Zaretskaya, Nataliya; Grigoriev, Vasily Quaternary Research (United States) 2024 / p. 122 - 142 <https://doi.org/10.1017/qua.2024.24> [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-determined sea surface heights using geoid model and realistic dynamic topography**

**Varbla, Sander**; Liibus, Aive; **Ellmann, Artu** Remote sensing 2022 / art. 2368, 30 p. : ill <https://doi.org/10.3390/rs14102368> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Silurian bentonites in Lithuania : correlations based on sanidine phenocryst composition and graptolite biozonation - interpretation of volcanic source regions**

**Kiipli, Tarmo**; Radzevičius, Sigita; **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](#) [Article at WOS](#)

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

**Märss, Tiit** Estonian journal of earth sciences 2019 / p. 113–146 : ill <https://doi.org/10.3176/earth.2019.11>  
[https://www.ester.ee/record=b2246661\\*est](https://www.ester.ee/record=b2246661*est) [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](#)

### **Simulation of demand response on buildings and district heating production**

**Ju, Yuchen**; Lindholm, Joakim; Verbeck, Moritz; **Jokisalo, Juha**; **Kosonen, Risto**; Janáček, Enc, Philipp; Li, Yantong; Schäfers, Hans; Nord, Natasa E3S Web of Conferences : BuildSim Nordic 2022 2022 / art. 13002 <https://doi.org/10.1051/e3sconf/202236213002>

**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](#)

**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](#)

**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](#)

**A sparsely encrusted hardground with abundant Trypanites borings from the Llandovery of the Velise River, western Estonia (Baltica)**

Vinn, Olev; **Toom, Ursula** Estonian journal of earth sciences 2016 / p. 19-26 : ill [https://artiklid.elnet.ee/record=b2760752\\*est](https://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 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](#)

**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](#)

**Stratification has strengthened in the Baltic Sea - an analysis of 35 years of observational data**

**Liblik, Taavi**; **Lips, Urmas** Frontiers in earth science 2019 / art. 174, 15 p. : ill <https://doi.org/10.3389/feart.2019.00174> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Stratigraphy and facies differences of the Middle Darriwilian Isotopic Carbon Excursion (MDICE) in Baltoscandia**

Ainsaar, Leho; Tinn, Oive; Dronov, Andrei V.; **Kiipli, Enli**; Radzevičius, Sigita; 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](#)

**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](#)

**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](#)

**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**; Pöldvere, 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](#)

#### **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](#)

#### **Terrestrial laser scanning assessment of generalization errors in conventional topographic surveys**

**Sobak, Martin; Ellmann, Artur; Mill, Tarvo** Geodesy and cartography 2015 / p. 15-24 : ill <https://doi.org/10.3846/20296991.2015.1029755> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **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 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 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 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 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 influence of heat loss from pipes in an unheated basement on the heating energy consumption of an entire typical apartment building**

**Hamburg, Anti; Kalamees, Targo** E3S Web Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) ; 172 2020 / art. 12005 <https://doi.org/10.1051/e3sconf/202017212005> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **The integration of selected technology to energy activated ETICS - theoretical approach**

**Heim, Dariusz; Chodak, Ivan; Ilomets, Simo; Knera, Dominika; Wieprzkowicz, Anna; Kalamees, Targo** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 21004, 7 p. : ill <https://doi.org/10.1051/e3sconf/202017221004> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

**Männik, Peep; Põldvere, Anne; Nestor, Viiv-Kai; Kallaste, Toivo; Kiipli, Tarmo; Martma, Tõnu** Estonian journal of earth sciences 2014 / p. 1-17 : ill [https://artiklid.elnet.ee/record=b2663118\\*est](https://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 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 Ordovician brachiopod genus Cyrtontella: 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 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->

**The trace fossil Zoophycos from the Silurian of Estonia**

Vinn, Olev; **Toom, Ursula** Estonian journal of earth sciences 2015 / p. 284-288 : ill [https://artiklid.elnet.ee/record=b2750892\\*est](https://artiklid.elnet.ee/record=b2750892*est)  
<https://doi.org/10.3176/earth.2015.34> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**Timing and sedimentary record of late Quaternary Fluvio-Aeolian successions of the Tura-Pyshma Interfluvium (SW Western Siberia, Russia)**

Sizov, Oleg; Konstantinov, Alexandr; Volvakh, Anna; **Molodkov, Anatoli** Geosciences 2020 / art. 396 ; 19 p. : ill <https://doi.org/10.3390/geosciences10100396> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Towards an artificial intelligence model for the automated prediction of building value**

**Rubinstein, Simon; Witt, Emlyn David Qivitoq;** Ullah, Kaleem Iqbal Conference Series: Earth and Environmental Science ; 1389, 1 2024 / art. 012015 <https://doi.org/10.1088/1755-1315/1389/1/012015> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Towards effective monitoring of urban stormwater for better design and management**

**Maharjan, Bharat; Pachel, Karin; Loigu, Enn** Estonian journal of earth sciences 2016 / p. 176-199 : ill <https://doi.org/10.3176/earth.2016.12> [https://artiklid.elnet.ee/record=b2802422\\*est](https://artiklid.elnet.ee/record=b2802422*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Transient 3D simulation of 18O concentration by codes MODFLOW2005 and MT3DMS in a regional scale aquifer system : an example from the Estonian Artesian Basin**

Vallner, Leo; **Ivask, Jüri;** Marandi, Andres; **Vaikmäe, Rein;** Raidla, Valle; **Raukas, Anto** Estonian journal of earth sciences 2020 / p. 154-174 : ill <https://doi.org/10.3176/earth.2020.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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, Artur;** 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](#)

**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](#)

**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](#)

**Upper Middle to lower Upper Ordovician chitinozoans and conodonts from the Bliudziai-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](#)

**Validation of Copernicus sea level altimetry products in the Baltic Sea and Estonian lakes**

Liibus, Aive; **Kall, Tarmo; Rikka, Sander; Uiboupin, Rivo;** Suursaar, Ülo; Tseng, K.-H. Remote sensing 2020 / art. 4062, p. 1-19 <https://doi.org/10.3390/rs12244062> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Validation of methods for developing typical meteorological years based on future climate models**

**Seyed Salehi, Seyed Shahabaldin; Männik, Aarne; Kalamees, Targo; Thalfeldt, Martin** E3S Web of Conferences : BuildSim

Nordic 2024 2024 / art. 07002 ; 12 p <https://doi.org/10.1051/e3sconf/202456207002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [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](#)

**VAV fan coil and demand controlled active chilled beam systems energy efficiency and thermal comfort performance comparison in a Japanese office building**

Ahmed, Kaiser; Yoon, Gyuyoung; Ukai, Makiko; **Kurnitski, Jarek** E3S Web of Conferences : BuildSim Nordic 2024 2024 / art.

06004 <https://doi.org/10.1051/e3sconf/202456206004> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**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; Vösa, 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](#)

**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](#)

**Winds in the Gulf of Riga from QuikSCAT and ground-based measurements**

Služenikina, Jekaterina; **Keervallik, 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](#)

**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](#)

**Развитие и хронология климато- позднелепестовых (МИС 5–МИС 3) климатофитоценовых событий на юго-восточном побережье Финского залива**

Bolikhovskaya, Nataliya; **Molodkov, Anatoli** Вестник Московского университета. Серия 5, География 2024 / с. 89-107

<https://doi.org/10.55959/MSU0579-9414.5.79.3.8> [Journal metrics at Scopus](#) [Article at Scopus](#)

**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](#)