

About SvalGlac project

Vaikmäe, Rein Estonian Science Foundation 2010-2011 2011 / p. 35 : ill

Admiral Bellingshauseni meeskond kogub Arktika teekonnal TalTechi teadlastele mere mikrobioloogilisi kooslusi

Mente et Manu 2021 / lk. 11 : fot https://www.ester.ee/record=b1242496*est

Arctic freshwater natural capital in the Nordic countries

Oinonen, Soili; Pohjola, Johanna; Salminen, Jani; Nömmann, Tea 2019 <http://norden.diva-portal.org/smash/record.jsf?pid=diva2%3A1282581&dswid=-9246> <https://doi.org/10.6027/TN2019-505>

Arktika ekspeditsioon kogub teadlastele väärt andmeid

Ots, Jaano Martin Postimees 2021 / Lk. 10-11 : fot <https://dea.digar.ee/article/postimees/2021/06/03/9.7>

Arktika jää sulab arvatust kiiremini

Maran, Kaur; Vaikmäe, Rein Postimees 2018 / lk. 24 [Arktika sulab arvatust kiiremini](#)

Arktika-teemalisel ühisseminaril räägiti Eesti ja Norra teaduskoostööst [Võrguväljaanne]

goodnews.ee 2021 ["Arktika-teemalisel ühisseminaril räägiti Eesti ja Norra teaduskoostööst"](#)

Barotropic trends through the Barents Sea opening for the period 1975–2021

Jahanmard, Vahidreza; Löptien, Ulrike; Sandø, Anne Britt; Gierisch, Andrea M. U.; Dietze, Heiner; Lien, Vidar; Delpeche-Ellmann, Nicole Camille; Hordoir, Robinson Journal of Geophysical Research: Oceans 2025 / art. e2024JC021663 <https://doi.org/10.1029/2024JC021663>

A comprehensive approach to scenario-based risk management for Arctic waters

Bergström, Martin; Browne, Thomas; Ehlers, Sören; Helle, Inari; Herrnring, Hauke; Khan, Faisal; Kubiczek, Jan; Kujala, Pentti; Kõrgesaar, Mihkel; Leira, Bernt Johan; Parviainen, Tuuli; Polojärvi, Arttu; Suominen, Mikko; Taylor, Rocky; Tuhkuri, Jukka; Vanhatalo, Jarno; Veitch, Brian Ship Technology Research 2022 / p. 129-157 <https://doi.org/10.1080/09377255.2022.2049967> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

Hong, WeiLi; Lepland, Aivo; Himmeler, 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](#)

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

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

Eesti huvidest Arktikas

Veiderma, Mihkel Eesti Päevaleht 2009 / 13. mai, lk. 2

Eestlased hakkavad Arktika jääd ja õli uurima : [ka TTÜ teadlased]

Aljas, Riin Eesti Päevaleht 2016 / lk. 8 <https://epl.delfi.ee/artikkel/73758735/eestlased-hakkavad-arktika-jaad-ja-oli-uurima>

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

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

Estonia at both ends of the globe

Teetsov, Vincent Eesti Elu : [Kanada ajaleht] 2020 / p. 11 : ill

Estonia, US explore opportunities to support sustainable development of the Arctic [Online resource]

baltictimes.com 2021 ["Estonia, US explore opportunities to support sustainable development of the Arctic "](#)

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

Raidla, Valle; Kaup, Enn; Ivask, Jüri Atmospheric Environment 2015 / p. 211 - 218 <https://doi.org/10.1016/j.atmosenv.2015.07.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Feasibility study of energy supply in deep North Regions: the case study of Yakutia remote community (Russia)

Trashchenkov, Sergei; **Astapov, Victor**; **Kull, Karl** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/PQ.2019.8818238>

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

Vega, Carmen Paulina; Pohjola, Veijo Allan; Samyn, Denis; Pettersson, Rickard; Isaksson, Elisabeth; Björkman, Mats P.; **Martma, Tõnu**; Marca, Alina D.; Kaiser, Jan Journal of Geophysical Research 2015 / p. 313 - 330 <https://doi.org/10.1002/2013JD020930> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Foreign minister: Arctic issues vital concern for Estonia [Online resource]

news.err.ee 2021 ["Foreign minister: Arctic issues vital concern for Estonia"](#)

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](#)

Gröönimaa ajalooline hetk võib määrata, kes saab käpa peale kullasoonele

Soesoo, Alvar 2025 [Gröönimaa ajalooline hetk võib määrata, kes saab käpa peale kullasoonele](#)

Increased snow contribution to Arctic sea ice mass balance

Granskog, Mats A.; Rösel, A.; Provost, C.; Sennechal, N.; Dodd, P. A.; **Martma, Tõnu**; Leng, M. J. AGU Fall Meeting 2016 : San Francisco, California, 12-16 December 2016 2016 / p. C22A-01 <http://adsabs.harvard.edu/abs/2016AGUFM.C22A..01G>

Kirjeldavast teadusest täppisteaduseks

Vaikmäe, Rein Eesti Geograafia Seltsi aastaraamat = Yearbook of the Estonian Geographical Society. 44. kd 2019 / lk. 210-229 : ill

Kolm külma suve...

Mark-Kurik, Elga Geoloogia instituudi kuuskümmend viis aastat : loomine ja muutumised, inimesed ja teadus, meenutused ja suundumused 2012 / lk. 223-228 : fot

[Kommentaar artiklile "Põhjapooluse jääkate mureneb"]

Raukas, Anto Horisont 2008 / 5, lk. 6

Kuidas pääses TalTechi aasta tudeng Taavi Tamm Bellingshauseni pardale? [Võrguväljaanne]

forte.delfi.ee 2022 ["Kuidas pääses TalTechi aasta tudeng Taavi Tamm Bellingshauseni pardale?"](#)

Layered intrusions and traffic jams

Bons, Paul D.; Baur, Albrecht; Elburg, Marlina A.; Lindhuber, Matthias J.; Marks, Michael A.W.; **Soesoo, Alvar**; Van Milligen, Boudewijn P.; Walte, Nicolas P. Geology 2015 / p. 71 - 74 <https://doi.org/10.1130/G36276.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lomonosovfonna and Holtedahlfonna ice cores reveal east–west disparities of the Spitsbergen environment since AD 1700

Beaudon, Emilie; Moore, John C.; **Martma, Tõnu**; Pohjola, Veijo A.; Van de Wal, Roderik S. W.; Kohler, Jack; Isaksson, Elisabeth Annals of glaciology 2013 / p. 1069-1083 : ill <https://doi.org/10.3189/2013JoG12J203> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Maade jagamine Arktikas

Soesoo, Alvar Eesti Päevaleht 2007 / 23. aug., lk. 3 https://artiklid.elnet.ee/record=b1157173*est

Measurement report: Spatial variations in ionic chemistry and water-stable isotopes in the snowpack on glaciers across Svalbard during the 2015–2016 snow accumulation season

Barbaro, Elena; Koziol, Krystyna; Björkman, Mats B.; Vega, Carmen Paulina; Zdanowicz, Christian; **Martma, Tõnu** Atmospheric chemistry and physics 2021 / p. 3163-3180 <https://doi.org/10.5194/acp-21-3163-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Miks peaks alanud IV rahvusvaheline polaaraasta korda minema nii inuittidele kui ka polüneeslastele?

Kaup, Enn Horisont 2007 / 4, lk. 10-11 : fot https://artiklid.elnet.ee/record=b2039710*est

Modelling the impact of space situational awareness disruption on the European and Arctic security landscape

Carlo, Antonio; Boschetti, Nicolo Modelling and Simulation for Autonomous Systems: 9th International Conference, MESAS 2022, Prague, Czech Republic, October 20–21, 2022 : Revised Selected Papers 2023 / p. 299-311 https://doi.org/10.1007/978-3-031-31268-7_18 [Journal metrics at Scopus](#) [Article at Scopus](#)

New data on the stratigraphy of the Ordovician and Silurian of the central region of Kotelny Island (New Siberian Islands) and correlation with the synchronous successions of the Eastern Arctic

Danukalova, Maria K.; Tolmacheva, Tat'yana Yu; **Männik, Peep**; Kul'kov, N. P.; Kuzmichev, Alexander B.; Melnikova, Lyudmila M. Stratigraphy and Geological Correlation 2015 / p. 468 - 494 <https://doi.org/10.1134/S0869593815050032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrate stable isotopes and major ions in snow and ice samples from four Svalbard sites

Vega, Carmen P.; Björkman, Mats P.; Pohjola, Veijo A.; Isaksson, Elisabeth; Pettersson, Rickard; **Martma, Tõnu**; Marca, Alina; Kaiser, Jan Polar Research 2015 / art. 23246 <https://doi.org/10.3402/polar.v34.23246> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rahvusvahelised konverentsid ja seminarid : veebiseminar "Muutuv Arktika"

Vaikmäe, Rein Eesti Teaduste Akadeemia sõnas ja pildis 2021 2022 / lk. 97 : ill https://www.ester.ee/record=b5054043*est

Scenario-Based Risk Management for Arctic Waters

Bergström, Martin; Browne, Thomas; Ehlers, Sören; Helle, Inari; Herrnring, Hauke; Khan, Faisal; Kubiczek, Jan; Kujala, Pentti; **Kõrgesaar, Mihkel**; Leira, Bernt Johan; Parviainen, Tuuli; Polojärvi, Arttu; Suominen, Mikko; Taylor, Rocky; Tuhkuri, Jukka; Vanhatalo, Jarno; Veitch, Brian Proceedings of the ASME 2022 41st International Conference on Ocean, Offshore and Arctic Engineering. Volume 6: Polar and Arctic Sciences and Technology 2022 / p. V006T07A004-01-V006T07A004-13 <https://doi.org/10.1115/OMAE2022-80767> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Sea ice dynamics influence halogen deposition to Svalbard

Spolaor, Andrea; Gabrieli, Jacopo; **Martma, Tõnu**; Kohler, Jack; Björkman, Mats B.; Isaksson, Elisabeth; Varin, Cristiano; Vallelonga, Paul; Plane, John M. C.; Barbante, Carlo The cryosphere 2013 / p. 1645-1658 : ill <https://doi.org/10.5194/tc-7-1645-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Seasonality of halogen deposition in polar snow and ice

Spolaor, Andrea; Vallelonga, Paul; Gabrieli, Jacopo; **Martma, Tõnu**; Björkman, Mats P.; Isaksson, Elisabeth; Cozzi, Gabriele; Turetta, Clara; Kjær, H.A.; Curran, M.A.J. Atmospheric chemistry and physics 2014 / p. 9613-9622 : ill <https://doi.org/10.5194/acp-14-9613-2014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatial patterns and dynamic responses of Arctic food Webs corroborate the Exploitation Ecosystems Hypothesis (EEH)

Aunapuu, Maano; Dahlgren, Jonas; Oksanen, Tarja; Grellmann, Doris; Oksanen, Lauri; Olofsson, Johan; **Rammul, Üllar**; Schneider, Michael; Johansen, Bernt; Hygen, Hans Olaf The American Naturalist 2008 / p. 249-262 <https://doi.org/10.1086/524951>

Spheroidal carbonaceous particles in cryoconite sediment on the Russell glacier, Southwest Greenland

Stivriņš, Normunds; Lamsters, Kristaps; Karušs, Jānis; Krievāns, Māris; Rečs, Agnis Baltica 2018 / p. 115-124 : ill <https://doi.org/10.5200/baltica.2018.31.11> https://www.researchgate.net/publication/329466558_Spheroidal_carbonaceous_particles_in_cryoconite_sediment_on_the_Russell_glacier [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spring sea-ice evolution in Rijpfjorden (808°N), Svalbard, from in situ measurements and ice mass-balance buoy (IMB) data

Wang, Caixin; Shi, Liqiong; Gerland, Sebastian; Granskog, Mats A.; Renner, Angelika H. H.; Li, Zhijun; Hansen, Edmond; **Martma, Tõnu** Annals of glaciology 2013 / p. 253-260 : ill <https://doi.org/10.3189/2013AoG62A135> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tallinna Tehnikaülikooli aasta tudengiks valiti Arktika ekspeditsioonil osalenud Taavi Tamm [Võrguväljaanne]

Bioneer.ee 2022 ["Tallinna Tehnikaülikooli aasta tudengiks valiti Arktika ekspeditsioonil osalenud Taavi Tamm"](#)

Tarmo Soomere: 15 aasta pärast näeme uut Põhja-mereteed ehk Kirdeväila

Kask, Toomas Postimees 2021 / Lk. 2 <https://dea.digar.ee/article/postimees/2021/03/30/3.2>

The Late Pleistocene palaeoenvironmental evolution in Northern Eurasia through the prism of the mollusc shell-based ESR dating evidence

Molodkov, Anatoli Quaternary international 2020 / p. 180-197 : ill <https://doi.org/10.1016/j.quaint.2019.05.031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The treaty of Spitzbergen : problems and solutions for an arctic future

Tsybulenko, Evhen; **Diaz, E.** Challenges and legal support of the economy in the conditions of digitalization : collection of scientific works 2024 / p. 101-111 <https://doi.org/10.59647/978-617-520-883-0/1>

Tiit Pruuli läheb jälle Admiral Bellingshauseniga seilama [Võrguväljaanne]

Tsäro-Mirme, Kairit delfi.ee 2021 ["Tiit Pruuli läheb jälle Admiral Bellingshauseniga seilama"](#)

Tiit Pruuli seilas häältega Arktikasse [Võrguväljaanne]

Venemaa välis- ja julgeolekupoliitilised kavatsused Arktikas

Fabriova, Katarina Maailma Vaade 2013 / lk. 25-29 : ill

Väliskomisjon arutab avalikul seminaril Eesti kandideerimist Arktika Nõukogu vaatlejaliikmeks [Võrguväljaanne]

goodnews.ee 2021 ["Väliskomisjon arutab avalikul seminaril Eesti kandideerimist Arktika Nõukogu vaatlejaliikmeks2"](#)

Välisministeerium tellib ülikoolidelt miljoni eest uuringuid

err.ee 2023 ["Välisministeerium tellib ülikoolidelt miljoni eest uuringuid"](#)

Конференция по Балтийскому морю: потопы пока не предвидятся [Online resource]

Liiviste, Priit Stolitsa.ee 2021 ["Конференция по Балтийскому морю: потопы пока не предвидятся"](#)

МИД Эстонии выделит вузам миллион евро на связанные с Россией, Азией и Арктикой исследования

rus.err.ee 2023 ["МИД Эстонии выделит вузам миллион евро на связанные с Россией, Азией и Арктикой исследования"](#)