

An abrupt change in winds that may radically affect the coasts and deep sections of the Baltic Sea
Soomere, Tarmo; Bishop, Steven R.; **Viška, Maija; Räämet, Andrus** Climate research 2015 / p. 163-171 : ill
<https://doi.org/10.3354/cr01269> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Applications of airborne laser scanning for determining marine geoid and surface waves properties
Varbla, Sander; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille European journal of remote sensing 2021 / p. 558-568
<https://doi.org/10.1080/22797254.2021.1981156> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Biological and geochemical records of human-induced eutrophication in a small hard-water lake
Mikomägi, Annika; Koff, Tiit; **Martma, Tõnu;** Marzecova, Agata Boreal environment research 2016 / p. 513-527 : ill
<http://www.borenv.net/BER/ber215-6.htm> <https://helda.helsinki.fi/server/api/core/bitstreams/423cb196-2290-4f57-b64f-6b4ba7b5a6ca/content>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Characteristics and inter-annual changes in temperature, salinity and density distribution in the Gulf of Riga
Skudra, Maris; Lips, Urmas Oceanologia 2017 / p. 37-48 : ill <https://doi.org/10.1016/j.oceano.2016.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characteristics of cyclones causing extreme sea levels in the northern Baltic Sea
Post, Piia; **Kõuts, Tarmo** Oceanologia 2014 / p. 241-258 <https://doi.org/10.5697/oc.56-2.241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Continuing long-term expansion of low-oxygen conditions in the Eastern Gulf of Finland
Stoicescu, Stella-Theresa; Hoikkala, Laura; Fleming, Vivi; **Lips, Urmas** Oceanologia 2024 / p. 139-152 : ill., map
<https://doi.org/10.1016/j.oceano.2024.02.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Correction to: Disentangling the impact of nutrient load and climate changes on Baltic Sea hypoxia and eutrophication since 1850 (Climate Dynamics, (2019), 53, 1-2, (1145-1166), 10.1007/s00382-018-4296-y)
Meier, H. E. Markus; Eilola, Kari; Almroth-Rosell, Elin; Schimanke, S.; Kniebusch, M.; Höglund, A.; Pemberton, P.; Liu, Y.; **Väli, Germo;** Saraiva, S. Climate Dynamics 2019 / p. 1167 - 1169 <https://doi.org/10.1007/s00382-018-4483-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Pelinovsky, Efim; Shurgalina, Ekaterina; **Rodin, Artem** Izvestiya, atmospheric and oceanic physics 2015 / p. 530-533 : ill
<https://doi.org/10.1134/S0001433815050096> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A descriptive analysis of the linkage between the vertical stratification and current oscillations in the Gulf of Finland
Suhhova, Irina; Liblik, Taavi; Liloover, Madis-Jaak; Lips, Urmas Boreal environment research 2018 / p. 83-103 : ill
https://www.ester.ee/record=b1199571*est <https://www.borenv.net/BER/archive/ber231-6.htm> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Development of a flexible, extendable, and low-cost control unit for surface drifters
Giudici, Andrea; Torsvik, Tomas; Soomere, Tarmo Journal of atmospheric and oceanic technology 2017 / p. 669-677 : ill
<https://doi.org/10.1175/JTECH-D-16-0116.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The diet of Eurasian perch larvae in lakes with different zooplankton assemblages
Zingel, Priit; Agasild, Helen; Zagars, Matiss; Feldmann, Tõnu; Tuvikene, Arvo; **Zingel, Tiina**; Puncule, Linda; Karus, Katrit Boreal environment research 2023 / p. 181-193 <https://www.borenv.net/BER/archive/pdfs/ber28/ber28-181-193.pdf> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Disentangling the impact of nutrient load and climate changes on Baltic Sea hypoxia and eutrophication since 1850
Meier, H.E. Markus; Eilola, Kari; Almroth-Rosell, Elin; **Väli, Germa** Climate dynamics 2019 / p. 1145–1166 : ill
<https://doi.org/10.1007/s00382-018-4296-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Distribution of solar irradiance on inclined surfaces caused by moving clouds
Tomson, Teolan Theoretical and Applied Climatology 2016 / p. 1023 - 1031 <https://doi.org/10.1007/s00704-015-1449-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Do contemporary (1980-2015) emissions determine the elemental carbon deposition trend at Høltedahlfonna glacier, Svalbard?
Ruppel, Meri M.; Soares, Joana; Gallet, Jean-Charles; Isaksson, Elisabeth; **Martma, Tõnu** Atmospheric chemistry and physics 2017 / p. 12779-12795 : ill <https://doi.org/10.5194/acp-17-12779-2017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dynamic behaviour of diffuse solar radiation
Tomson, Teolan Theoretical and applied climatology 2014 / p. 399-402 : ill <https://doi.org/10.1007/s00704-013-1010-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Effect of ice cover on wave statistics and wave-driven processes in the northern Baltic Sea
Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo; Giudici, Andrea Boreal environment research 2022 / p. 97-116 : ill <https://www.borenv.net/BER/archive/pdfs/ber27/ber27-097-116.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of Eulerian current, Stokes drift and wind while simulating surface drifter trajectories in the Baltic Sea
Pärm, Ove; Davulienė, Lina; Macias, Diego Moy; **Vahter, Kaimo**; Stips, Adolf; Torsvik, Tomas Oceanologia 2023 / p. 453-465
<https://doi.org/10.1016/j.oceano.2023.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of large-scale atmospheric circulation on the Baltic Sea wave climate : application of the EOF method on multi-mission satellite altimetry data
Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo Climate dynamics 2021 / p. 3465–3478 : ill
<https://doi.org/10.1007/s00382-021-05874-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

800-Year ice-core record of nitrogen deposition in Svalbard linked to ocean productivity and biogenic emissions
Wendl, Isabel A.; Eichler, Anja; Isaksson, Elisabeth; **Martma, Tõnu**; Schwikowski, Margit Atmospheric Chemistry and Physics 2015 / p. 7287 - 7300 <https://doi.org/10.5194/acp-15-7287-2015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Elemental and water-insoluble organic carbon in Svalbard snow: a synthesis of observations during 2007–2018
Zdanowicz, Christian; Gallet, Jean-Charles; Björkman, Mats B.; Larose, Catherine; Schuler, Thomas V.; Luks, Bartłomiej; Koziol,

Krystyna; Spolaor, Andrea; Barbaro, Elena; **Martma, Tõnu**; Wideqvist, Ulla; Ström, Johan Atmospheric chemistry and physics 2021 / p. 3035-3057 : ill <https://doi.org/10.5194/acp-21-3035-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Emissions from burning municipal solid waste and wood in domestic heaters

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

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

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

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](#)

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](#)

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

Belle, Simon; **Poska, Anneli**; Hossann, Christian; Tönno, Ilmar Climatic change 2017 / p. 205-219 : ill <https://doi.org/10.1007/s10584-017-2074-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Raudsepp, Urmas; Laanemets, Jaan; **Maljutenko, Ilja**; Hongisto, Marke; Jalkanen, Jukka-Pekka Oceanologia 2013 / p. 837 - 857 <https://doi.org/10.5697/oc.55-4.837> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of surface currents and sea level on the wave field evolution during St. Jude storm in the eastern Baltic Sea

Viitak, Marii; **Maljutenko, Ilja**; **Alari, Victor**; Suursaar, Ülo; **Rikka, Sander**; **Lagemaa, Priidik** Oceanologia 2016 / p. 176-186 : ill <https://doi.org/10.1016/j.oceano.2016.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of surface currents on the wave climate in narrow fjords

Christakos, Konstantinos; **Björkqvist, Jan-Victor**; Breivik, Øyvind; Tuomi, Laura; Furevik, Birgitte R.; Albretsen, Jon Ocean Modelling 2021 / Art. 101894 <https://doi.org/10.1016/j.ocemod.2021.101894> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of the shape of the bay cross section on wave run-up

Didenkulov, Oleg; **Didenkulova, Irina**; Pelinovsky, Efim N.; Kurkin, Andrey Izvestiya - Atmospheric and Ocean Physics 2015 / p. 661 - 666 <https://doi.org/10.1134/S0001433815060055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Intercomparison and characterization of 23 Aethalometers under laboratory and ambient air conditions : procedures and unit-to-unit variabilities

Cuesta-Mosquera, Andrea; Močnik, Griša; Drinovec, Luka; Müller, Thomas; Cruz Minguillon, Maria; Briel, Björn; Buckley, Paul; Dudoitis, Vadimas; **Keernik, Hannes** Atmospheric measurement techniques 2021 / p. 3195-3216 <https://doi.org/10.5194/amt-14-3195-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

LainePoiss® - a lightweight and ice-resistant wave buoy

Alari, Victor; **Björkqvist, Jan-Victor**; Kaldvee, Valdur; Mölder, Kristjan; **Rikka, Sander**; **Kask-Korb, Anne**; **Vahter, Kaimo**; **Pärt, Siim**; **Vidjajev, Nikon**; Tõnisson, Hannes Journal of atmospheric and oceanic technology 2022 / p. 573–594 : ill <https://doi.org/10.1175/JTECH-D-21-0091.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Local and regional Holocene vegetation dynamics at two sites in eastern Latvia

Stivrīnš, Normunds; Kalnina, Laimdota; **Veski, Siim**; Zeimule, Sandra Boreal environment research 2014 / p. 310-322 : ill <https://helda.helsinki.fi/server/api/core/bitstreams/058c48fe-ebcd-46e2-be77-f5952af1ab6b/content> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long wave generation and coastal amplification due to propagating atmospheric pressure disturbances

Dogan, Gozde Guney; Pelinovsky, Efim; Zaytsev, Andrey; Metin, Ayse Duha; Ozyurt Tarakcioglu, Gulizar; Yalciner, Ahmet Cevdet; Yalciner, Bora; **Didenkulova, Ira** Natural hazards 2021 / p. 1195-1221 : ill <https://doi.org/10.1007/s11069-021-04625-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Nonlinear effects at the initial stage of tsunami-wave development

Pelinovsky, Efim; Rodin, Artem Izvestiya, atmospheric and oceanic physics 2013 / p. 548-553 : ill <https://doi.org/10.1134/S0001433813050083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical simulations of wave climate in the Baltic Sea: a review

Soomere, Tarmo Oceanologia 2023 / p. 117-140 <https://doi.org/10.1016/j.oceano.2022.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the buoyant sub-surface salinity maxima in the Gulf of Riga

Liblik, Taavi; Skudra, Maris; Lips, Urmas Oceanologia 2017 / p. 113-128 : ill <https://doi.org/10.1016/j.oceano.2016.10.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantification of hydrodynamic model sea level bias utilizing deep learning and synergistic integration of data sources

Jahanmard, Vahidreza; Hordoir, Robinson; **Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Ocean modelling 2023 / art. 102286 : ill., map <https://doi.org/10.1016/j.ocemod.2023.102286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recent climate tendencies on an East Antarctic ice shelf inferred from a shallow firn core network

Schlosser, Elisabeth; Anschütz, H.; Divine, Dmitry V.; **Martma, Tõnu;** Sinisalo, A.; Altnau, S.; Isaksson, Elisabeth Journal of geophysical research 2014 / p. 6549-6562 : ill <https://doi.org/10.1002/2013JD020818> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rogue events in spatiotemporal numerical simulations of unidirectional waves in basins of different depth

Slunyaev, Alexey; Sergeeva, Anna; **Didenkulova, Irina** Natural hazards 2016 / p. S549-S565 : ill <https://doi.org/10.1007/s11069-016-2430-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rolling vs. seasonal PMF : real-world multi-site and synthetic dataset comparison

Via, Marta; Chen, Gang; Canonaco, Francesco; Daellenbach, K. R.; Chazeau, Benjamin; Chebaicheb, Hasna; Jiang, J.; **Keernik, Hannes;** Lin, C.; Marchand, Nicolas Atmospheric measurement techniques 2022 / p. 5479-5495 <https://doi.org/10.5194/amt-15-5479-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Run-up of long solitary waves of different polarities on a plane beach

Didenkulova, Irina; Pelinovsky, Efim; Didenkulov, Igor Izvestiya, atmospheric and oceanic physics 2014 / p. 532-538 : ill <https://doi.org/10.1134/S000143381405003X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Sodankylä ionospheric tomography data set 2003-2014

Norberg, Johannes; **Roininen, Lassi;** Kero, Antti; Raita, Tero; Ulich, Thomas; Markkanen, Markku; Juusola, Liisa; Kauristie, Kirsti Geoscientific Instrumentation, Methods and Data Systems 2016 / p. 263 - 270 <https://doi.org/10.5194/gi-5-263-2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatial patterns of quality of historical wave climate reconstructions for the Baltic Sea

Räämet, Andrus; Soomere, Tarmo Boreal environment research 2021 / p. 29-41 : ill <https://www.proquest.com/docview/2676153664?pq-origsite=gscholar&fromopenview=true&sourcetype=Scholarly%20Journals> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatiotemporal variability of wave climate in the Gulf of Riga

Najafzadeh, Fatemeh; Jankowski, Mikolaj Zbigniew; Giudici, Andrea; Männikus, Rain; Suursaar, Ülo; Viška, Maija; **Soomere, Tarmo** Oceanologia 2024 / p. 56-77 : ill <https://doi.org/10.1016/j.oceano.2023.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Striped texture of submesoscale fields in the northeastern Baltic Proper : results of very high-resolution modelling for summer season

Zhubas, Victor; **Väli, Germa;** Kuzmina, Natalia Oceanologia 2022 / p. 1-21 : ill <https://doi.org/10.1016/j.oceano.2021.08.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Submesoscale processes in the surface layer of the central Baltic Sea: A high-resolution modelling study

Väli, Germo; Meier, H.E. Markus; **Liblik, Taavi**; Radtke, Hagen; Klingbeil, Knut; Gräwe, Ulf; **Lips, Urmas** Oceanologia 2024 / p. 78-90 <https://doi.org/10.1016/j.oceano.2023.11.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards realistic dynamic topography from coast to offshore by incorporating hydrodynamic and geoid models

Jahanmard, Vahidreza; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Ocean modelling 2022 / art. 102124 <https://doi.org/10.1016/j.ocemod.2022.102124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Transient processes of solar radiation

Tomson, Teolan Theoretical and applied climatology 2013 / p. 403-408 : ill <https://doi.org/10.1007/s00704-012-0742-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tsunami runup in narrow bays : the case of Samoa 2009 tsunami

Didenkulova, Irina Natural hazards 2013 / p. 1629-1636 : ill <https://doi.org/10.1007/s11069-012-0435-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using spectrograms from underwater total pressure sensors to detect passing vessels in a coastal environment

Rätsep, Margus; **Parnell, Kevin Ellis**; **Soomere, Tarmo**; **Kruusmaa, Maarja**; **Ristolainen, Asko**; **Tuhtan, Jeffrey Andrew** Journal of atmospheric and oceanic technology 2020 / p. 1353-1363 : ill <https://doi.org/10.1175/JTECH-D-19-0192.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Variability of currents over the southern slope of the Gulf of Finland

Suhhova, Irina; **Pavelson, Juss**; **Lagemaa, Priidik** Oceanologia 2015 / p. 132 - 143 <https://doi.org/10.1016/j.oceano.2015.01.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Variability of Middle East springtime dust events between 2011 and 2022

Broomandi, Parya; **Galán-Madruga, David**; **Satyanaga, Alfredo**; **Hamidi, Mehdi**; **Ledari, Dorna Gholamzade**; **Fathian, Aram**; **Sarvestan, Rasoul**; **Janatian, Nasime**; **Jahanbakhshi, Ali**; **Bagheri, Mehdi** Air Quality, Atmosphere and Health 2024 / p. 1341 - 1360 <https://doi.org/10.1007/s11869-024-01510-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Water limitations on potato yield in Estonia assessed by crop modelling

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

Virtual mapping of reference conditions of pollutant load in waterbodies : phosphorus in the Lake Peipsi basin

Piirimäe, Kristjan; **Loigu, Enn**; **Pachel, Karin**; **lital, Arvo** Boreal environment research 2015 / p. 391-402 : ill <http://www.borenv.net/BER/pdfs/ber20/ber20-391.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)