

Aastad

Ernaux, Annie 2023 https://www.ester.ee/record=b5549836*est

Abstract on the dynamics of the river bulge using satellite imagery and numerical model, case study of Daugava river bulge

Soosaar, Edith; Uiboupin, Rivo; Skudra, Maris; Maljutenko, Ilja; Raudsepp, Urmas 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 61 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Adsorption and kinetics studies of Cr (VI) by graphene oxide and reduced graphene oxide-zinc oxide nanocomposite

Naseem, Taiba; Bibi, Fozia; Arif, Saira; Waseem, Muhammad Adnan; Haq, Sirajul; Azra, Mohamad Nor; **Liblik, Taavi**; Zekker, Ivar *Molecules* 2022 / art. 7152, 16 p. : ill <https://doi.org/10.3390/molecules27217152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aegade hämarusest kerkinud "Giselle"

Keevallik, Sirje *Sirp* 2017 / lk. 21 <http://www.sirp.ee/s1-artiklid/teater/aegade-hamarusest-kerkinud-giselle/>

Algas tornaadode tegutsemise aeg

Kallis, Ain *Maaleht* 2017 / lk. 52 <https://maaleht.delfi.ee/artikkel/77628728/algas-tornaadode-tegutsemise-aeg>

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

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

Analysing undisturbed bottom boundary layer profiles of some North-Estonian coastal areas

Erm, Ants; Voll, Martin; Buschmann, Fred; Roots, Ott 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 227 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Analysis of historical MERIS and MODIS data to evaluate the impact of dredging to monthly mean surface TSM concentration

Raag, Laura; Uiboupin, Rivo; Sipelgas, Liis *Remote sensing of the ocean, sea ice, coastal waters, and large water regions* 2013 : 24 September 2013, Dresden, Germany 2013 / art. 88880B <https://doi.org/10.1117/12.2032327> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

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

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

Siitam, Laura; Siitam, Laura vt ka Raag, Laura; Raag, Laura vt ka Siitam, Laura; Uiboupin, Rivo; Sipelgas, Liis 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 126 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

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 *Sentinel-3 for Science Workshop: Abstract Book 2015* http://seom.esa.int/S3forScience2015/page_session28.php

ANDROMEDA Portfolio of Microplastics Analyses Protocols

Booth, Andy M.; Bouwens, Jan; Brandt, Josef; **Buhhalko, Natalja**; Catarino, Ana Isabel; De Witte, Bavo; Everaert, Gert; Foscari, Aurelio; **Lips, Urmas; Kikas, Villu; Lind, Kati** 2024 https://www.researchgate.net/publication/378775799_ANDROMEDA_Portfolio_of_Microplastics_Analyses_Protocols

Anomaalia

Le Tellier, Hervé 2021 https://www.ester.ee/record=b5468806*est

Ants Erm: eakad väärivad paremat [Võrguväljaanne]

Erm, Ants *postimees.ee* 2021 ["Ants Erm: eakad väärivad paremat"](#)

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

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

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 shore sediments accumulated in navigation channel for restoration of sandy beaches around Pärnu City, SW Estonia, Baltic Sea

Tõnisson, Hannes; **Männikus, Rain**; Kont, Are; Palginõmm, Valdeko; **Alari, Victor**; Suuroja, Sten; Vaasma, Tiit; Vilumaa, Kadri

Journal of marine science and engineering 2024 / art. 394 <https://doi.org/10.3390/jmse12030394> [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](#)

Assessing biological effects of contaminants in the Gulf of Finland, Northeastern Baltic Sea, using sediment biotests with Amphipods (*Monoporeia affinis*) and biomarker responses in Clams (*Macoma balthica*)

Kuprijanov, Ivan; Kolesova, Natalja; Lipp, Maarja; Lehtonen, Kari K. Proceedings 2023 / art. 54

<https://doi.org/10.3390/proceedings2023092054>

Assessing near-bottom velocity field using an experimental particle image velocimeter

Buschmann, Fred; Erm, Ants; Listak, Madis The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present,

Future" : June 12-16, 2017 : abstracts 2017 / p. 317 [https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

[book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

Assessing sediment transport and dissolved oxygen conditions in the western part of the Gulf of Finland

Buschmann, Fred; Laanemets, Jaan; Suursaar, Ülo 10th Baltic Sea Science Congress : Science and innovation for future of the

Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 240 [http://www.bssc2015.lv/wp-](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

[content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

Assessing the Baltic Sea water quality with sentinel-3 OLCI imagery

Kutser, Tiit; Soomets, Tuuli; Toming, Kaie; **Uiboupin, Rivo; Arikas, Age; Vahter, Kaimo**; Paavel, Birgot 7th IEEE/OES Baltic

Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book, 12-15 June 2018, Klaipėda,

Lithuania 2018 / p. 43 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Assessing the Baltic Sea Water Quality with Sentinel-3 OLCI Imagery

Kutser, Tiit; Soomets, Tuuli; Toming, Risto; **Uiboupin, Rivo; Arikas, Age; Vahter, Kaimo**; Paavel, Birgot 2018 IEEE/OES Baltic

International Symposium (BALTIC 2018) : Klaipėda, Lithuania 12 - 15 June 2018 2018 / p. 52-57 : ill

<https://doi.org/10.1109/BALTIC.2018.8634849>

Assessing the eutrophication status of Estonian marine waters

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

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

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

Assessing the potential for sea-based macroalgae cultivation and its application for nutrient removal in the Baltic Sea

Kotta, Jonne; Raudsepp, Urmas; Szava-Kovats, Robert; Szava-Kovats, Robert; Aps, Robert; Armoskaite, Aurelija; Barda, Ieva;

Bergström, Per; Futter, Martyn; **Maljutenko, Ilja** Science of the total environment 2022 / art. 156230 ; 14 p. : ill

<https://doi.org/10.1016/j.scitotenv.2022.156230> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Stoicescu, Stella-Theresa; Lips, Urmas; Liblik, Taavi The 11th Baltic Sea Science Congress "Living Along Gradients : Past,

Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 94 [https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

[abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

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

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

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

Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea) : [conference paper]

Stoicescu, Stella-Theresa; Lips, Urmas; Liblik, Taavi Baltic Earth Workshop on multiple drivers for Earth system changes in the

Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants]

2018 / p. 44 [\[earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf\]\(https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf\)](https://www.baltic-</p></div><div data-bbox=)

Assessment of the development limitations for wave energy utilization in the Baltic Sea

Vidjajev, Nikon; Palu, Riina; Terentjev, Jan; Hilmola, Olli-Pekka Kristian; Alari, Victor Sustainability 2022 / art. 2832

<https://doi.org/10.3390/su14052832> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assimilation of observed sea surface temperature and salinity, using subregional EOF patterns from models

Zujev, Mihhail; Elken, Jüri; Lagemaa, Priidik 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book : 12–15 June 2018 Klaipėda, Lithuania 2018 / p. 65 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Asukoht mõjutab mikrovetikate mürgisust isegi sama liigi piires

Sildever, Sirje novaator.err.ee 2025 <https://novaator.err.ee/1609609904/asukoht-mojutab-mikrovetikate-murgisust-iseqi-sama-liigi-piires>

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

Lehtoranta, Jouni; Savchuk, Oleg P.; Elken, Jüri Journal of marine systems 2017 / p. 4-20 : ill

<https://doi.org/10.1016/j.jmarsys.2017.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

August ei taha juulist mitte maha jääda

Kallis, Ain Maaleht 2018 / lk. 44 <https://maaleht.delfi.ee/artikkel/83356123/august-ei-taha-ilmarekordite-poolest-juulist-mitte-maha-jaada>

Autonoomsed allveeliugurid mereteadlaste kasutuses

Lips, Urmas Merevaated 2017 / lk. 94-100 : ill http://www.ester.ee/record=b4679147*est

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

Rajasabapathy, Raju; Ramasamy, Kesava Priyan; Manikandan, Balakrishnan; Mohandass, Chellandi; James, Rathinam Arthur

Frontiers in marine science 2020 / art. 92, 8 p. : ill <https://doi.org/10.3389/fmars.2020.00092> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bacterial communities in ballast tanks of cargo vessels - Shaped by salinity, treatment and the point of origin of the water but “hatch” its typical microbiome

Laas, Peeter; Künnis-Beres, Kai; Talas, Liisi; Tammert, Helen; Kuprijanov, Ivan; Herlemann, Daniel Philipp Ralf; Kisand, Veljo

Journal of environmental management 2022 / art. 116403, 10 p. : ill <https://doi.org/10.1016/j.jenvman.2022.116403> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Baltic Sea biological effects activity cluster: joint regional activities for an improved assessment of chemical pollution in the marine environment

Lehtonen, Kari K.; Gorokhova, Elena; Rowe, Owen; Pazdro, Ksenia; Barda, Ieva; Alurralde, Roque Gastón; Tairova, Zhanna M.; Kolesova, Natalja; Sturve, Joachim; Kuprijanov, Ivan; Stankeviciute, Milda; Strode, Evita; Turja, Raisa SETAC Europe 34th Annual Meeting : "Science-Based Solutions in Times of Crisis : Integrating Science and Policy for Environmental Challenges" : book of abstracts 2024 / abs. 4.08.P-Mo363 <https://setac.confex.com/setac/europe2024/meetingapp.cgi/Paper/23793>

SETAC Europe 34th Annual Meeting : "Science-Based Solutions in Times of Crisis : Integrating Science and Policy for Environmental Challenges" : book of abstracts 2024 / abs. 4.08.P-Mo363

Baltic Sea could be used to heat homes in future

news.err.ee 2024 [Baltic Sea could be used to heat homes in future](#)

Baltic Sea freshwater content

Raudsepp, Urmas; Maljutenko, Ilja; Barzandeh, Amirhossein; Uiboupin, Rivo; Lagemaa, Priidik State of the Planet 2023 / 14

p <https://doi.org/10.5194/sp-1-osr7-7-2023>

Baltic Sea Operational Oceanographic System (BOOS) - a stimulator to Baltic earth system research [Online resource]

She, Jun; Andersson, Pia; Kõuts, Tarmo; Mirawslav, Darecki; Reißmann, Jan Hinrich; Tuomi, Laura 2nd Baltic Earth Conference The

Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 10-11 : tab https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Baltic Sea surface temperature analysis 2022: a study of marine heatwaves and overall high seasonal temperatures

Lindenthal, Anja; Hinrichs, Claudia; Jandt-Scheelke, Simon; Kruschke, Tim; Lagemaa, Priidik; van der Lee, Eefke M.; Maljutenko, Ilja; Morrison, Helen e.; Panteleit, T. R.; Raudsepp, Urmas State of the Planet 2024 / 16 p <https://doi.org/10.5194/sp-4-osr8-16-2024>

Baseline Surface Radiation Network (BSRN) : structure and data description (1992-2017)

Driemel, Amelie; Augustine, John; Kallis, Ain Earth system science data 2018 / p. 1491-1501 : ill <https://doi.org/10.5194/essd-10-1491-2018>

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

Lips, Urmas; Lips, Inga Deep-sea research part II: Topical studies in oceanography 2014 / p. 107-119 : ill

<https://doi.org/10.1016/j.dsr2.2013.05.029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biological effect indicators : influence of environmental parameters and contaminants on Amphipods = Bioloogilise mõju indikaatorid : keskkonnaparameetrite ja ohtlike ainete mõju kirpvähilistele

Kolesova, Natalja 2024 <https://doi.org/10.23658/taltech.40/2024> https://www.ester.ee/record=b5694394*est
<https://digikogu.taltech.ee/et/Item/961ea92d-ef14-429c-8e99-e56d652b4a44>

BONUS INTEGRAL : improved biogeochemical monitoring and greenhouse gas flux assessment for the Baltic Sea through high resolution trace gas data acquisition [Online resource]

Rehder, Gregor; Rutgersson, Anna; Laakso, Lauri; Kulinski, Karol; **Lips, Urmas** 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 59-60 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Cadmium in the Eastern Gulf of Finland : concentrations and effects on the mollusk *Limecola balthica*

Sharov, Andrey; Berezina, Nadezhda; **Kuprijanov, Ivan**; Sladkova, Svetlana; Kamardin, Nikolay; Shigaeva, Tatyana; Kudryavtseva, Valentina; Kholodkevich, Sergei Geochemistry International 2022 / p. 702-710 <https://doi.org/10.1134/S0016702922060076> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A cascade of multi-scale processes shaping the signal dynamics and maintaining the energy transfer in stratified Baltic Sea basins

Lips, Urmas; Liblik, Taavi; Lips, Inga; Rünk, Nelli; Kikas, Villu; Laanemets, Jaan; Väli, Germo The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 15 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

A case study on microlitter and chemical contaminants: Assessing biological effects in the southern coast of the Gulf of Finland (Baltic sea) using the mussel *Mytilus trossulus* as a bioindicator

Kuprijanov, Ivan; Buhhalko, Natalja; Eriksson, Ulrika; Sjöberg, Viktor; Rotander, Anna; **Kolesova, Natalja; Lipp, Maarja; Buschmann, Fred**; Hashmi, Arslan; **Liblik, Taavi**; Lehtonen, Kari K. Marine environmental research 2024 / art. 106628 <https://doi.org/10.1016/j.marenvres.2024.106628> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Causes of the extensive hypoxia in the Gulf of Riga in 2018

Stoicescu, Stella-Theresa; Laanemets, Jaan; Liblik, Taavi; Skudra, Maris; **Samlas, Oliver; Lips, Inga; Lips, Urmas** Biogeosciences 2022 / p. 2903-2920 <https://doi.org/10.5194/bg-19-2903-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Central Baltic Sea Circulation Experiment – first results

Liblik, Taavi; Rak, Daniel; **Siht, Enriko; Väli, Germo**; Karstensen, Johannes; Tuomi, Laura; Biddle, Louise; **Lilover, Madis-Jaak**; Skudra, Maris; **Lips, Urmas** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 145-146 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/5bec_proceedings.pdf

Changing subsurface oxygen conditions in the Baltic Sea basins – analyzing the drivers at different temporal scales = Pinnaaluste hapnikutingimuste muutused Läänemere alambasseinides - erinevatel ajaskaaladel mõju avaldavate tegurite analüüs

Stoicescu, Stella-Theresa 2023 <https://doi.org/10.23658/taltech.48/2023> <https://digikogu.taltech.ee/et/Item/f329b858-a574-485f-a399-3a962def6952> https://www.ester.ee/record=b5638609*est

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 high-resolution sea ice dynamics in the Gulf of Finland, Baltic Sea

Lilover, Madis-Jaak; Pavelson, Juss; Kõuts, Tarmo; Leppäranta, Matti Boreal environment research 2018 / p. 175–191 <http://www.borenv.net/BER/pdfs/ber23/ber23-175-191.pdf>

Characterization of ice cover extent from MODIS imagery during different winter scenarios in the Gulf of Riga, Baltic Sea

Siitam, Laura; Uiboupin, Rivo; Sipelgas, Liis 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 127 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Chemical and functional properties of myofibrillar protein from selected species of trash fish

Anam, Choirul; Atoum, Manar Fayiz Mousa; Harini, Noor; Damat, Damat; Setyobudi, Roy Hendroko; Wahyudi, Ahmad; Pamujiati, Agustia Dwi; Kuswardhani, Nita; Witono, Yuli; **Liblik, Taavi** Jordan Journal of Biological Sciences 2023 / p. 267-277 : ill <https://doi.org/10.54319/jjbs/160211> [Journal metrics at Scopus](#) [Article at Scopus](#)

Classifying the ice seasons 1982-2016 using the weighted ice days number as a new winter severity characteristic

Rjazin, Jevgeni; Alari, Victor; Pärn, Ove EUREKA : physics and engineering 2017 / p. 49-56 : ill <http://dx.doi.org/10.21303/2461-4262.2017.00364>

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

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

CMEMS Baltic Monitoring and Forecasting Centre : high-resolution wave forecasts in the seasonally ice-covered Baltic Sea [Online resource]

Tuomi, Laura; Vähä-Piikkiö, Olga; Siili, T.; **Alari, Victor** Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 269-274 : ill
<http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

CMEMS Baltic Monitoring and Forecasting Centre : high-resolution wave forecasts in the seasonally ice-covered Baltic Sea [Online resource]

Tuomi, Laura; Vähä-Piikkiö, Olga; Siili, T.; **Alari, Victor** International Conference Operational Oceanography Serving Sustainable Marine Development : 3-5 October 2017, Bergen, Norway : book of abstracts 2017 / p. 36
http://eurogoos.imr.no/resources/EuroGOOS_Conference_2017_BoA.pdf

Cod reproductive volume potential in the Baltic Sea

Raudsepp, Urmas; **Maljutenko, Ilja;** **Kõuts, Mariliis** Journal of operational oceanography 2019 / p. s26-s29 : ill., map
<https://doi.org/10.1080/1755876X.2019.1633075>

Combined analysis of Cryosat-2/SMOS sea icethickness data with model reanalysis fields over the Baltic Sea

Raudsepp, Urmas; **Uiboupin, Rivo;** **Maljutenko, Ilja;** Hendricks, Stefan; Ricker, Robert; Liu, Ye; Iovino, Doroteaciro; Peterson, K. Andrew; Zuo, Hao; Lavergne, Thomas; Aaboe, Signe; Raj, Roshin P. Journal of operational oceanography 2019 / p. s73-s79 : ill., map
<https://doi.org/10.1080/1755876X.2019.1633075>

The combined impact of eutrophication, climate warming and marine structures on the water properties in the Baltic Sea

Liblik, Taavi 2nd International Baltic Earth Workshop on Multiple Drivers of Earth system changes in the Baltic Sea region, Helsinki, 4-5 December 2024 : Abstracts 2024 / p. 25
https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/2nd_be_workshop_md_2024_helsinki_booklet.pdf

Comparative analysis of microplastics detection methods applied to marine sediments: A case study in the Bay of Marseille

Gerigny, Olivia; Blanco, Gustavo; **Lips, Urmas;** **Buhhalko, Natalja;** Chouteau, Leelou; Georges, Elise; Meyers, Nelle; Vanavermaete, David; Galgani, François; Ourgaud, Melanie; Papillon, Laure; Sempéré, Richard; De Witte, Bavo Marine pollution bulletin 2024 / art. 116787 <https://doi.org/10.1016/j.marpolbul.2024.116787> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Comparative studies of biological effects of surface water pollution on physiological state of molluscs : experience of caging studies in the Tallinn Bay

Kholodkevich, Sergei; Kuznetsova, Tatiana; **Lips, Urmas;** **Kolesova, Natalja;** Sharov, Andrey; Kurakin, Anton 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 255 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Comparing a 41-year model hindcast with decades of wave measurements from the Baltic Sea

Björkqvist, Jan-Victor; Lukas, Ingvar; **Alari, Victor;** **Männik, Aarne** Ocean engineering 2018 / p. 57-71 : ill
<https://doi.org/10.1016/j.oceaneng.2018.01.048> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

☐ **Comparing PCR-generated artifacts of different polymerases for improved accuracy of DNA metabarcoding**

Nagai, Satoshi; **Sildever, Sirje;** Nishi, Noriko Metabarcoding and metagenomics 2022 / art. e77704
<https://doi.org/10.3897/mbmg.6.77704> [Journal metrics at Scopus Article at Scopus](#)

Comparison of dispersive and nondispersive models for wave run-up on a beach

Abdalazeez, Ahmed; **Didenkulova, Irina;** Dutykh, Denys; Denissenko, Petr Izvestiya, atmospheric and oceanic physics 2020 / p. 494-501 <https://doi.org/10.1134/S0001433820050023> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Comparison of hyperspectral measurements of the attenuation and scattering coefficients spectra with modeling results in the north-eastern Baltic Sea

Sipelgas, Liis; **Raudsepp, Urmas** Estuarine, Coastal and Shelf Science 2015 / p. 1-9 <https://doi.org/10.1016/j.ecss.2015.08.008>
[Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Compatibility of targets under different marine policies - Sufficiency of the EU WFD targets for individual rivers basins to achieve the BSAP goals

Stoicescu, Stella-Theresa; **Lips, Urmas** 2021 [Compatibility of targets under different marine policies - Sufficiency of the EU WFD targets for individual rivers basins to achieve the BSAP goals](#)

Composition and distribution of diazotrophs in the Baltic Sea

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

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

Composition of prokaryotic and eukaryotic microbial communities in waters around the Florida Reef Tract

Laas, Peeter; Ugarelli, Kelly; Absten, Michael; Boyer, Breege; Briceno, Henry; Stingl, Ulrich *Microorganisms* 2021 / 1120
<https://doi.org/10.3390/microorganisms9061120>

Conditions that influence Good Environmental Status (GES) in the Baltic Sea

Kolesova, Natalja; Väli, Germa; Lips, Urmas 2021 <https://helcom.fi/wp-content/uploads/2021/11/Conditions-that-influence-Good-Environmental-Status-GES-in-the-Baltic-Sea.pdf>

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

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

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

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

Copernicus Marine Service Ocean State Report

Schuckmann, Karina von; Le Traon, Pierre-Yves; **Kõuts, Mariliis; Lagemaa, Priidik; Maljutenko, Ilja; Raudsepp, Urmas** *Journal of operational oceanography* 2018 / S1-S142 : ill <https://doi.org/10.1080/1755876X.2018.1489208>

Copernicus Marine Service Ocean State Report. Issue 3

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

Copernicus Marine Service Ocean State Report. Issue 4

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

Copernicus Marine Service Ocean State Report, Issue 5

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

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

Christensen, Asbjørn; Tsiaras, Kostas; Murawski, Jens; Hatzonikolakis, Yannis; She, Jun; John, Michael St; **Lips, Urmas; Brouwer, Roy** *Frontiers in marine science* 2021 / art. 744208, 18 p. : ill <https://doi.org/10.3389/fmars.2021.744208> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cultivation of Algae Polyculture in Municipal Wastewater with CO2 Supply

Podkuiko, Lara; **Kasemets, Mari-Liis; Kikas, Timo; Lips, Inga** *Environmental and Climate Technologies* 2020 / p. 188-200
<https://doi.org/10.2478/rtuct-2020-0096>

Currents

Elken, Jüri *Encyclopedia of marine geosciences* 2016 / p. 139-142 : tab https://doi.org/10.1007/978-94-007-6238-1_158

Currents of the Gulf of Finland: instrumental measurements and numerical hydrodynamic modeling

Sukhachev, V.; Zakharchuk, E.; **Lips, Urmas;** Tikhonova, N.; **Suhhova, Irina** From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 62
https://www.etis.ee/File/DownloadPublic/ebda3e4a-2eb0-4f26-971f-f16046bc0bed?name=TheGulfOfFinlandScienceDays_2017.pdf&type=application%2Fpdf

Dangerous sea level rises in the Gulf of Finland : instrumental measurements and numerical modeling

Sukhachev, V.; Zakharchuk, E.; **Lips, Urmas;** Tikhonova, N. The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 250 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

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

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

Degradation of environmentally toxic refractory compounds in suspended-bed reactor by photocatalytic oxidation and

combination of biological treatment with photocatalysis [Online resource]

Pronina, Natalja; Klauson, Deniss; Kamenev, Sven; Kamenev, Inna; Rudenko, Tatjana; Künnis-Beres, Kai; Moiseev, Anna; Kritševskaja, Marina Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fntdk.ut.ee/teesid/>

Demonstration of annual/quarterly assessments and description of the production system

Lips, Urmas; Samlas, Oliver; Korabel, Vasily; She, Jun; **Stoicescu, Stella-Theresa;** Cusack, Caroline 2022
https://doi.org/10.3289/eurosea_d6.2

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

Suhhova, Irina; Liblik, Taavi; Lilover, Madis-Jaak; Lips, Urmas Boreal environment research 2018 / p. 83-103 : ill
https://www.ester.ee/record=b1199571*est <https://www.borenv.net/BER/archive/ber231-6.htm> [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 [Online resource]

Suhhova, Irina; Liblik, Taavi; Lilover, Madis-Jaak; Lips, Urmas 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 168-169 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

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

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

Developing benthic monitoring programmes to support precise and representative status assessments: a case study from the Baltic Sea

Nygard, Henrik; Lindegarth, Mats; Darr, Alexander; Dinesen, Grete E.; Eigaard, Ole R.; **Lips, Inga** Environmental monitoring and assessment 2020 / p. 1-18 : ill <https://doi.org/10.1007/s10661-020-08764-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

She, Jun; Christensen, Asbjørn; Garaventa, Francesca; **Lips, Urmas;** Murawski, Jens; Ntoumas, Manolis; Tsiaras, Kostas Oceanography 2023 / p. 54 - 57 <https://doi.org/10.5670/oceanog.2023.s1.17> [Journal metrics at Scopus](#) [Article at Scopus](#)

Development of a common toolbox to validate forecast products and reanalysis within the Baltic CMEMS group

Jandt, Simon; **Verjovkina, Svetlana; Lagemaa, Priidik;** Lorkowski, Ina; Schenk, Ludwig; Janssen, Frank; Kärnä, Tuomas; Axell, Lars; Falahat, Saeed; Huess, Vibeke; Golbeck, Inga; Nord, Adam Abstracts : [BSSC 2019] 2019 / p. 303
https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Development of an absolute quantification method for ribosomal RNA gene copy numbers per eukaryotic single cell by digital PCR

Yarimizu, Kyoko; **Sildever, Sirje;** Hamamoto, Yoko; Tazawa, Satoshi; Oikawa, Hiroshi; Yamaguchi, Haruo; Basti, Leila; Mardones, Jorge I.; Paredes-Mella, Javier; Nagai, Satoshi Harmful Algae 2021 / art. 102008, 13 p. : ill <https://doi.org/10.1016/j.hal.2021.102008>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of benthic monitoring strategies in the Baltic Sea

Nygard, Henrik; Lindegarth, Mats; Darr, Alexander; Dinesen, Grete E.; Eigaard, Ole R.; **Lips, Inga** Abstracts : [BSSC 2019] 2019 / p. 309 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Development of data assimilation for numerical forecasts in Estonian marine areas = Eesti merealade prognoosisüsteemi arendamine vaatlusandmete assimileerimise abil

Zujev, Mihhail 2021 https://www.ester.ee/record=b5436054*est <https://digikogu.taltech.ee/et/Item/51c555c7-9658-4e49-b543-3c77a6c1cf19>
<https://doi.org/10.23658/taltech.35/2021>

A device for measuring wind waves in the marginal ice zone

Alari, Victor; Björkqvist, Jan-Victor; **Kask, Anne;** Mölder, Kristjan; Kaldvee, Valdur Abstracts : [BSSC 2019] 2019 / p. 296
https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Digital-physical convergence of wave energy conversion [Online resource]

Vidjajev, Nikon; Alari, Victor; Terentjev, Jan Book of Abstracts of the General Assembly 2020 (online event) of the WECA Net COST Action CA17105 : A pan-European Network for Marine Renewable Energy with a Focus on Wave Energy 2020 / p. 43 "[Digital-physical convergence of wave energy conversion](#)"

Dioxins and furans in surface sediment of NW Estonian coastal sea [Online resource]

Erm, Ants; Buschmann, Fred; Voll, Martin Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 31-32

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](#)

Dispersive and nondispersive nonlinear long wave transformations: numerical and experimental results

Torsvik, Tomas; **Abdalazeez, Ahmed**; Dutykh, Denys; Denissenko, Petr; **Didenkulova, Irina** Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. 41-60 https://doi.org/10.1007/978-3-030-29951-4_3

https://www.ester.ee/record=b5303400*est

Dispersive effects during long wave runup on a beach

Didenkulova, Irina; Abdalazeez, Ahmed; Dutykh, Denys Geophysical research abstracts 2019 / p. EGU2019-16378

<https://meetingorganizer.copernicus.org/EGU2019/EGU2019-16378.pdf>

Dispersive effects during long wave run-up on a plane beach

Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys Advances in Natural Hazards and Hydrological Risks : Meeting the Challenge : proceedings of the 2nd International Workshop on Natural Hazards (NATHAZ'19), Pico Island—Azores 2019 2019 / p. 143-146 https://doi.org/10.1007/978-3-030-34397-2_28 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

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

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

District cooling network planning. A case study of Tallinn

Volkova, Anna; Hlebnikov, Aleksandr; Ledvanov, Aleksandr; Kirs, Tanel; **Raudsepp, Urmas; Krupenski, Igor; Latõšov, Eduard** International Journal of Sustainable Energy Planning and Management 2022 / p. 63-78 : ill <https://doi.org/10.54337/ijsep.7011> [Journal metrics at Scopus](#) [Article at Scopus](#)

DNA metabarcoding: Guidelines to monitor phytoplankton diversity and distribution in marine and brackish waters

Jerney, Jacqueline; Hållfors, Heidi; Jakobsen, Hans; Jurgensone, Iveta; Karlson, Bengt; Kremp, Anke; Lehtinen, Sirpa; Majaneva, Markus; Meissner, Kristian; Norros, Veera; **Sildever, Sirje**; Suikkanen, Sanna; Teeveer, Karolin 2023

<http://https://www.norden.org/en/publication/dna-metabarcoding> <https://doi.org/10.6027/temanord2023-505>

DNA tõi Soome lahest päevavalgele ligi 20 uut planktoniliiki [Võrguväljaanne]

Sildever, Sirje novaator.err.ee 2021 ["DNA tõi Soome lahest päevavalgele ligi 20 uut planktoniliiki"](https://novaator.err.ee/2021/05/27/dna-toi-soome-lahest-paevavalgele-ligi-20-uut-planktoniliiki)

Does internally generated hydrodynamic noise matter in the Baltic Sea?

Storch, Hans von; Omstedt, Anders; **Elken, Jüri** 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 170-171 : ill ["proceedings"](#)

Doktoritöö pakub võimalusi Läänemerele reostusetõrje tõhustamiseks

Kalmus, Kertu novaator.err.ee 2024 <https://novaator.err.ee/1609547941/dokoritoo-pakub-voimalusi-laanemerele-reostusetorje-tohustamiseks> <https://digikogu.taltech.ee/et/Item/0fc8b005-bd63-4a8d-a934-e89ec4d690be>

Dokoritöö: Läänemere viisaastakuplaaniga puhastamine on naiivne

Harrik, Airika novaator.err.ee 2023 [Dokoritöö: Läänemere viisaastakuplaaniga puhastamine on naiivne](#)

Downward migrating microplastics in lake sediments are a tricky indicator for the onset of the Anthropocene

Dimante-Deimantovica, Inta; Saarni, Saija; Barone, Marta; **Buhhalko, Natalja; Stivrins, Normunds**; Suhareva, Natalija; Tylmann, Wojciech; Vianello, Alvise; Vollertsen, Jes Science advances 2024 / art. eadi8136 <https://doi.org/10.1126/sciadv.adi81>

Draft genome sequence of a new pseudomonas sp. strain, ef1, associated with the psychrophilic Antarctic Ciliate

Euplotes focardii

Ramasamy, Kesava Priyan; Telatin, Andrea; Mozzicafreddo, Matteo; Miceli, Cristina; Pucciarelli, Sandra Microbiology resource announcements 2019 / art. e00867-19, 2 p <http://dx.doi.org/10.1128/MRA.00867-19>

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

Zhurbas, Victor; Lyzhkov, Dmitry; Kuzmina, Natalia Deep-Sea Research. Part I: Oceanographic Research Papers 2014 / 11 p. : ill <https://doi.org/10.1016/j.dsr.2013.09.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Džinnipudelidest võib leida nii mõndagi

Kallis, Ain Maaleht 2018 / lk. 48 <https://maaleht.delfi.ee/artikkel/81499303/dzinnipudelidest-voib-leida-nii-mondagi-ponevat>

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

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

Eessõna

Elken, Jüri; Lips, Urmas; Keevallik, Sirje; Lips, Inga; Raudsepp, Urmas Füüsikaline okeanograafia. Läänemeri [Võrguteavik] 2024 / lk. 7-8 https://www.ester.ee/record=b5685380*est <https://digikogu.taltech.ee/et/Item/795174de-f66a-4cfd-9147-9fcae292bfb0>

Eesti daam ka nõukogude ajal. Maria Kerese päikseline ja varjutatud elu

Taagepera, Riin eestinaine.delfi.ee 2023 [Eesti daam ka nõukogude ajal. Maria Kerese päikseline ja varjutatud elu](#)

Eesti rannakarp kõneleb ilustamata merevee halvast seisust

Kuprijanov, Ivan novaator.err.ee 2025 [Eesti rannakarp kõneleb ilustamata merevee halvast seisust](#)

Eesti rannikul on arenemas mereleitsak

novaator.err.ee 2024 [Eesti rannikul on arenemas mereleitsak](#) [Ekstreemne olukord: Eesti rannikul on arenemas mere kuumalaine](#)

Eesti seitsmes kliimaaruanne ÜRO kliimamuutuste raamkonverentsi elluviimise kohta 2017

2017 https://www.ester.ee/record=b2695548*est

Eesti teadlane aitas tuvastada merest enneolematu hulga mikroorganisme

Sildever, Sirje novaator.err.ee 2023 [Eesti teadlane aitas tuvastada merest enneolematu hulga mikroorganisme](#)

Eesti teadlased ennustavad satelliitide abil üleujutusi

Vaaks, Eveliis postimees.ee Trialoog 2025 [Eesti teadlased ennustavad satelliitide abil üleujutusi](#) [Satelliidid ja nutipoid: TalTechi teadlased loovad tuleviku keskkonnaseiret](#)

Eesti teadlased uurivad mikroplasti merereisi

Siht, Enriko kestlikkusuudised.ee 2025 <https://www.kestlikkusuudised.ee/uudised/2025/04/24/eesti-teadlased-uurivad-mikroplasti-merereisi>

Eesti teadlaste abiga saab nüüd Läänemere seisundist täpsema ülevaate

novaator.err.ee 2025 <https://novaator.err.ee/1609722801/eesti-teadlaste-abiga-saab-nuud-laanemere-seisundist-tapsema-ulevaate>

Eesti teadlaste uus süsteem ennustab lekkivate laevavrakkide kahju = Estonian scientists develop new shipwreck pollution prediction system

Harrik, Airika novaator.err.ee 2023 [Eesti teadlaste uus süsteem ennustab lekkivate laevavrakkide kahju](#) [Estonian scientists develop new shipwreck pollution prediction system](#)

Eesti tornaadod

Tarand, Andres; **Kallis, Ain** 2017 http://www.ester.ee/record=b4640733*est

Eestlanna juhhib ookeaniuurijaid

Eesti Päevaleht 2020 / Lk. 4 https://www.ester.ee/record=b1072079*est

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

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

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

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

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

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

Ei inimene massina vastu saa!

Kallis, Ain Maaleht 2017 / lk. 60 <https://maaleht.delfi.ee/artikkel/77931654/ei-inimene-massina-vastu-saa>

Eight years of weekly eDNA monitoring in the North-Western Pacific

Sildever, Sirje; Nishi, Noriko; Tazawa, Satoshi; Kasai, Hiromi; Hirai, Junya; Shiimoto, Akihiro; Kikuchi, Tasei; Katakura, Seiji; Nagai, Satoshi Environmental DNA 2023 / p. 1202 - 1215 <https://doi.org/10.1002/edn3.452> [Journal metrics at Scopus](#) [Article at Scopus](#)

Elavhõbe hakkab meie elust kaduma

Kallis, Ain Maaleht 2017 / lk. 52 <https://maaleht.delfi.ee/artikkel/79200624/elavhobe-hakkab-meie-elust-kaduma>

Emajõgi ja Peipsi ei pea tehase koormusele vastu

Erm, Ants Maaleht 2018 / lk. 17 <https://maaleht.delfi.ee/artikkel/82175519/mereteadlane-emajogi-ja-peipsi-ei-peat-tehase-koormusele-vastu>

Enhancing oil spill detection, response and modeling in the Baltic Sea = Õlireostuse tuvastamise, modelleerimise ja sellele reageerimise tõhustamine Läänemeres

Pärt, Siim 2024 <https://doi.org/10.23658/taltech.61/2024> https://www.ester.ee/record=b5704342*est
<https://digikogu.taltech.ee/et/Item/0fc8b005-bd63-4a8d-a934-e89ec4d690be>

Ensemble approach for the projections of extreme water levels reveals bias in water level observations

Eelsalu, Maris; Soomere, Tarmo; Pindsoo, Katri; Lagemaa, Priidik 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 85
http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

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

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

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

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

Environmental variables driving species and genus level changes in annual plankton biomass

Forsblom, Louise; Engström-Öst, Jonna; Lehtinen, Sirpa; Lips, Inga; Linden, Andreas Journal of plankton research 2019 / p. 925–938 : ill <https://doi.org/10.1093/plankt/fbz063> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

Estimating microplastics related to laundry wash and personal care products released to wastewater in major Estonian cities: a comparison of calculated and measured microplastics

Ayankunle, Ayankoya Yemi; Buhhalko, Natalja; Pachel, Karin; Lember, Erki; Kõrgmaa, Vallo; Mishra, Arun; Lind, Kati Journal of environmental health science and engineering 2023 / p. 225-237 <https://doi.org/10.1007/s40201-023-00856-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estimation of wave and wind field parameters from TerraSAR-X imagery in the Baltic Sea

Rikka, Sander; Uiboupin, Rivo; Alari, Victor 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 171 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Estonia's coastal sea temperatures remain highest in 30 years

news.err.ee 2024 [Estonia's coastal sea temperatures remain highest in 30 years](#)

Estonia's seventh national communication : under the United Nations Framework Convention on Climate Change

2017 https://www.ester.ee/record=b1067973*est

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

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

The EU Horizon 2020 project GRACE : integrated oil spill response actions and environmental effects

Jørgensen, Kristen S.; Kreutzer, Anne; Lehtonen, Kari K.; Kankaanpää, Harri; Truu, Jaak; Kõuts, Tarmo; Lilover, Madis-Jaak Environmental sciences Europe 2019 / art. 44, 10 p. : ill <https://doi.org/10.1186/s12302-019-0227-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eulerian and Lagrangian submesoscale coherent structures on the sea surface driven by coastal upwelling: a case study for the Gulf of Finland

Väli, Germa; Zhurbas, Victor; **Laanemets, Jaan;** **Lips, Urmas** From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 43

Euro-Argo in work and new potential of gliders in the Baltic Sea BOOS [Online resource]

Alenius, Pekka; Tikka, K.; **Lips, Urmas;** Tuomi, Laura; Purokoski, Tero; Roiha, Petra; Siiriä, S. Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 143-148 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Euro-Argo in work and new potential of gliders in the Baltic Sea BOOS [Online resource]

Alenius, Pekka; Tikka, Kimmo; **Lips, Urmas** International Conference Operational Oceanography Serving Sustainable Marine Development : 3-5 October 2017, Bergen, Norway : book of abstracts 2017 / p. 19-20
http://eurogoos.imr.no/resources/EuroGOOS_Conference_2017_BoA.pdf

Euroopat kütvate hoovuste tulevikku varjutab katastroofilumm

Reimann, Andres novaator.err.ee 2024 [Euroopat kütvate hoovuste tulevikku varjutab katastroofilumm](#)

Evaluation of the nemo-nordic model by comparing the seaice concentration values in the Baltic Sea

Rjazin, Jevgeni; Hordoir, Robinson; Pärn, Ove The Journal of Ocean Technology 2019 / p. 181 - 194
https://www.researchgate.net/publication/334431905_EVALUATION_OF_THE_NEMO-NORDIC_MODEL_BY_COMPARING_THE_SEA-ICE_CONCENTRATION_VALUES_IN_THE_BALTIC_SEA Journal metrics at Scopus Article at Scopus

Experimental investigation of floating debris impact loading on structures during extreme waves like tsunami

Harish, S.; Sriram, V.; Sundar, V.; Sannasiraj, S.A.; **Didenkulova, Irina** Proceedings of the 28th (2018) International Ocean and Polar Engineering Conference (ISOPE-2018) 2018 / ISOPE-I-18-070, 6 p [Experimental investigation... Conference proceedings at Scopus](#) Article at Scopus

Extreme inundation statistics on a composite beach

Abdalazeez, Ahmed; **Didenkulova, Irina;** Dutykh, Denys; Labart, Celine Water 2020 / art. 1573, 13 p. : ill
<https://doi.org/10.3390/w12061573> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Extreme waves and low sea level during the storm in the Gulf of Bothnia, Baltic Sea

Raudsepp, Urmas; Männik, Aarne; Maljutenko, Ilja; Lagemaa, Priidik; Rikka, Sander; Alari, Victor; Uiboupin, Rivo Journal of operational oceanography 2021 / p. s162-s173 : ill., map <https://doi.org/10.1080/1755876X.2021.1946240>

Factors contributing to the potential expansion of Limnomonas gaiensis (Chlamydomonadales, Chlorophyta) in freshwater lakes in Northern Europe

Sildever, Sirje; Stewart, Rebecca I. A.; Tesson, Sylvie V. M. European journal of phycology 2024 / p. 169-183
<https://doi.org/10.1080/09670262.2023.2274080>

Features of thermohaline structure and circulation in the Gulf of Riga = Termohaliinse struktuuri ja tsirkulatsiooni mustrid Liivi lahes

Skudra, Maris 2017 <https://digi.lib.ttu.ee/i/?7182> https://www.ester.ee/record=b4649794*est

FerryBoxes within Europe : state-of-the-art and integration in the European Ocean Observation System (EOOS) [Online resource]

Petersen, W.; Colijn, F.; Goringe, P.; Kaitala, S.; Karlson, B.; King, A.; **Lips, Urmas** Operational oceanography serving sustainable marine development : proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 63-70 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Finding the opportunities to tackle the cross-border environmental issues – implementation of HAZLESS

Kuprijanov, Ivan; Kuznetsova, Tatiana SETAC globe 2021 <https://globe.setac.org/implementation-of-hazless/>

4.2 Geographical and seasonal coverage of sea ice in the Baltic Sea

Raudsepp, Urmas; Uiboupin, Rivo; Laanemäe, Kaari; Maljutenko, Ilja Journal of operational oceanography 2020 / p. S1-S172, 11 p <https://doi.org/10.1080/1755876X.2020.1785097>

Framework for the environmental impact assessment of operational shipping

Moldanova, Jana; Hassellöv, Ida-Maja; **Maljutenko, Ilja;** **Raudsepp, Urmas** Ambio 2022 / p. 754-769 <https://doi.org/10.1007/s13280-021-01597-9> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Freak waves in the sea coastal zone

Didenkulova, Irina IUGG 2019 : abstract book 2019 / [1] p., abstract: IUGG19-2598 <http://iugg2019montreal.com/abstract-book.html>

Fronts in the Baltic Sea : a review with a focus on its North-Eastern Part

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](#)

Füüsikaline okeanograafia. Läänemeri [Võrguteavik]

Elken, Jüri; Lips, Urmas; Keevallik, Sirje; Lips, Inga; Raudsepp, Urmas 2024 https://www.ester.ee/record=b5685380*est
<https://digikogu.taltech.ee/et/Item/795174de-f66a-4cfd-9147-9fcae292bfb0>

Füüsikaline okeanograafia. Läänemeri

Elken, Jüri; Lips, Urmas; Keevallik, Sirje; Lips, Inga; Raudsepp, Urmas 2018 https://www.ester.ee/record=b5158569*est

Genetic relatedness of a new Japanese isolates of Alexandrium ostenfeldii bloom population with global isolates

Sildever, Sirje; Jerney, Jacqueline; Kremp, Anke; Oikawa, Hiroshi; Sakamoto, Setsuko Harmful Algae 2019 / p. 64-74 : ill <https://doi.org/10.1016/j.hal.2019.02.005>

Genomic features and copper biosorption potential of a new Alcanivorax sp. VBW004 isolated from the shallow hydrothermal vent (Azores, Portugal)

Ramasamy, Kesava Priyan; Rajasabapathy, Raju; **Lips, Inga**; Mohandass, Chellandi; James, Rathinam Arthur Genomics 2020 / p. 3268-3273 <https://doi.org/10.1016/j.ygeno.2020.06.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Growth and feeding behaviour of Mixotrophic Dinophysis species in laboratory cultures

Nagai, Satoshi; **Sildever, Sirje**; Suzuki, Toshiyuki; Nishitani, Goh; Basti, Leila; Kamiyama, Takashi Dinoflagellates: classification, evolution, physiology and ecological significance 2020 / p. 129-168 ["Dinoflagellates: classification, evolution, physiology and ecological significance"](#)

Growth of Scenedesmus obliquus under artificial flue gas with a high sulphur concentration neutralized with oil shale ash

Podkuiko, Lara; Olt, Jüri; Kikas, Timo Proceedings of the Estonian Academy of Sciences 2017 / p. 151-158 : ill <https://doi.org/10.3176/proc.2017.2.03> http://www.ester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2820929*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Growth, toxin content and production of Dinophysis norvegica in cultured strains isolated from Funka Bay (Japan)

Nagai, Satoshi; Basti, Leila; Uchida, Hajime; Kuribayashi, Takanori; Natsuike, Masafumi; **Sildever, Sirje**; Nakayama, Natsuko; Lum, Wai Mun; Matsushima, Ryui Toxins 2023 / art. 318 <https://doi.org/10.3390/toxins15050318> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hapnikupuudus süveneb Soome lahes vaatamata reostuskoormuse vähenemisele

Luik, Stella-Theresa novaator.err.ee 2024

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

Kuprijanov, Ivan; Väli, Germa; Sharov, Andrey; Berezina, Nadezhda; **Liblik, Taavi**; **Lips, Urmas**; Kolesova, Natalja; Maanio, Jaakko; Junttila, Ville; **Lips, Inga** Marine pollution bulletin 2021 / art. 112642, 19 p. : ill <https://doi.org/10.1016/j.marpolbul.2021.112642> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hazardous substances, marine litter, underwater noise, non-indigenous species : thematic assessment 2016-2021

Rowe, Owen; Ruiz, Marta; Wolf, Jana; Alurralde, Gaston; Blidberg, Eva; Brockmeyer, Berit; Munch Christensen, Anne; Fryer, Rob; **Klauson, Aleksander**; **Kolesova, Natalja** 2023 <https://helcom.fi/wp-content/uploads/2023/03/HELCOM-Thematic-assessment-of-hazardous-substances-marine-litter-underwater-noise-and-non-indigenous-species-2016-2021.pdf>

Health risk assessment of the European inhabitants exposed to contaminated ambient particulate matter by potentially toxic elements

Broomandi, P.; Rodriguez-Seijo, A.; **Janatian, Nasim**; Fathian, A.; Tleuken, A.; Mohammadpour, K.; Galan-Madruga, D.; Jahanbakhshi, A.; Satyanaga, A.; Bagheri, M.; Morawska, L.; **Jong Ryeol Kim** Environmental pollution 2023 / art. 121232 <https://doi.org/10.1016/j.envpol.2023.121232> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Heterotrophic and Autotrophic Picoplankton Distribution and Interaction in the Water Column of the Gulf of Finland, the Baltic Sea : [iPoster]

Künnis-Beres, Kai World Microbe Forum 2021 2021 / 1 p <https://www.abstractsonline.com/pp8/#!/9286/presentation/11724>

High resolution TSM mapping of dredging operations using automated UAV activated by online in situ measurements :

proof on concept

Rikka, Sander; Kõuts, Tarmo; Pärt, Siim; Vahter, Kaimo The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 83 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

High-frequency automated observing systems to meet the monitoring and assessment needs in the Baltic Sea

Lips, Urmas; Lips, Inga Abstracts : [BSSC 2019] 2019 / p. 20
https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

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

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

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

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

High-resolution ice dynamics in the Gulf of Finland

Liloer, Madis-Jaak; Kõuts, Tarmo; Leppäranta, Matti The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 17 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

High-resolution view on downwelling by underwater glider in the Eastern Baltic Proper

Liblik, Taavi; Salm, Kai; Lips, Urmas 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 21 : ill
["proceedings"](#)

Hiidlased jättis lõksu veeteede ameti udujutt

Pärgma, Reet; **Kõuts, Tarmo** Eesti Päevaleht 2018 / lk. 9

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

Zhubas, Victor; **Väli, Garmo;** 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](#)

Hinnangu andmine merekeskkonna ökosüsteemipõhiseks korraldamiseks Soome lahe merepõhja ja setete näitel : (SedGoF) : projekti aruanne

Suuroja, Sten; **Heinsalu, Atko; Alliksaar, Tiit; Lips, Urmas; Pajusaar, Siim; Liiv, Merlin; Buschmann, Fred; Erm, Ants; Kiipli, Tarmo; Kallaste, Toivo** 2016 https://www.kik.ee/sites/default/files/uuringud/aruanne_sedgof_30.06.2016_0.pdf

Hirmutavast lrmast marutseva Mariani

Kallis, Ain Maaleht 2017 / lk. 52 <https://maaleht.delfi.ee/artikkel/79559532/hirmutavast-irmast-marutseva-mariani>

Hällilaul

Slimani, Leila 2018 http://www.ester.ee/record=b4767111*est

A hybrid numerical model based on FNPT-NS for the estimation of long wave run-up

Manoj Kumar, G.; Sriram, Venkatachalam; **Didenkulova, Irina** Ocean engineering 2020 / art. 107181
<https://doi.org/10.1016/j.oceaneng.2020.107181> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ICES Report on ocean climate 2020

Albretsen, Jon; von Appen, Wilken-Jon; Berx, Barbara; Beszczynska-Möller, Agnieszka; Chafik, Leon; Cisewski, Boris; Cusack, Caroline; Cyr, Frederic; Daly, Eoghan; **Liblik, Taavi** 2022 <https://doi.org/10.17895/ices.pub.19248602.v1>

Ikka puust ja punaseks ehk kergem on hoida kui oiata

Kallis, Ain Maaleht 2018 / lk. 64

Ilm ja Eesti

Kallis, Ain Horisont 2018 / lk. 40-41 : fot https://www.ester.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-1-2018.pdf>

Ilm ja film

Kallis, Ain Horisont 2017 / lk. 42-43 : fot http://www.ester.ee/record=b1072243*est https://artiklid.elnet.ee/record=b2825542*est

Ilm ja kirjandus

Kallis, Ain Horisont 2018 / lk. 44-45 <http://www.horisont.ee/arhiiv-2018/Horisont-4-2018.pdf> https://artiklid.elnet.ee/record=b2863848*est

Ilm ja kunst

Kallis, Ain Horisont 2017 / lk. 32-33 : ill http://www.ester.ee/record=b1072243*est

Ilm ja käitumine

Kallis, Ain Horisont 2018 / lk. 42-43 : fot https://www.ester.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-2-2018.pdf>
https://artiklid.elnet.ee/record=b2836201*est

Ilm ja poliitika

Kallis, Ain Horisont 2017 / lk. 44-45 : ill http://www.ester.ee/record=b1072243*est

Ilm ja riided

Kallis, Ain Horisont 2018 / lk. 42-43 http://www.ester.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-3-2018.pdf>

Ilm ja sport

Kallis, Ain Horisont 2017 / lk. 48-49 : fot http://www.ester.ee/record=b1072243*est https://artiklid.elnet.ee/record=b2819554*est

Ilm ja sõda

Kallis, Ain Horisont 2017 / lk. 46-47 : ill http://www.ester.ee/record=b1072243*est

Ilm ja tervis

Kallis, Ain Horisont 2017 / lk. 42-43 : fot http://www.ester.ee/record=b4708219*est https://artiklid.elnet.ee/record=b2829194*est

Ilm viskas vempe ja tegi tempe, kõikjal

Kallis, Ain Maaleht 2017 / lk. 40 <https://maaleht.delfi.ee/artikkel/80548270/ilm-viskas-vempe-ja-tegi-tempe-koikjal>

Ilmade ettekuulutuse tabel ehk Kuidas teave inimesteni jõudis

Kallis, Ain Eesti Loodus 2015 / lk. 26-27 : foto https://artiklid.elnet.ee/record=b2751101*est

Ilmataat pani peolapsed taas proovile

Kallis, Ain Maaleht 2017 / lk. 52 <https://maaleht.delfi.ee/artikkel/78785360/ilmataat-pani-peolapsed-taas-proovile>

Ilmavaatlejate kokkusaamisest

Kallis, Ain Maaleht 2017 / lk. 48 <https://maaleht.delfi.ee/artikkel/79273406/ilmavaatlejate-kokkusaamisest>

Ilmavaatlusvõrgu areng Eestis

Kallis, Ain; Krabbi, Miina Eesti Loodus 2015 / lk. 22-27 : fotod, kaart https://artiklid.elnet.ee/record=b2751089*est

Impact of flow-driven debris on coastal structure during tsunami Bore

Harish, S.; Sriram, V.; Sundar, V.; Sannasiraj, S.A.; **Didenkulova, Irina** Proceedings of the Fourth International Conference in Ocean Engineering (ICOE2018), vol. 2 2019 / p. 315-326 https://doi.org/10.1007/978-981-13-3134-3_24 [Conference proceedings metrics at Scopus](#) [Article at Scopus](#)

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](#)

Impact of shipwrecks to marine environment : MS Volare case study

Vahter, Kaimo; **Pärt, Siim**; Landquist, Hanna; **Kõuts, Tarmo** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 161 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

The impact of the last Major Baltic Inflows on the Gulf of Finland water chemistry and auto- and heterotrophic microbial communities [Online resource]

Künnis-Beres, Kai; **Lainela, Silvie**; **Lips, Inga** Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 36 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Impact of the recent major inflow on the water column structure in the NE Baltic

Liblik, Taavi; Naumann, M.; Hansson, M.; **Lips, Urmas**; **Lips, Inga** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 79 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Impact of thermohaline conditions on vertical variability of optical properties in the Gulf of Finland (Baltic Sea) : implications for water quality remote sensing

Aavaste, Age; **Sipelgas, Liis**; **Uiboupin, Rivo**; Uudeberg, Kristi Frontiers in marine science 2021 / art. 674065 <https://doi.org/10.3389/fmars.2021.674065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improving taxonomic classification of marine zooplankton by molecular approach: registration of taxonomically verified 18S and 28S rRNA gene sequences

Watanabe, Tsuyoshi; Hirai, Junya; **Sildever, Sirje**; Tadokoro, Kazuaki; Hidaka, Kiyotaka; Tanita, Iwao; Nishiuchi, Koh; Iguchi, Naoki; Kasai, Hiromi; Nishi, Noriko; Katakura, Seiji; Taniuchi, Yukiko; Kodama, Taketoshi; Tashiro, Satokuni; Nakae, Misato; Okazaki, Yuji; Kitajima, Satoshi; Sogawa, Sayak; Hasegawa, Toru; Azumaya, Tomonori; Hiroe, Yutaka; Ambe, Daisuke; Setou, Takashi; Ito, Daiki; Kusaka, Akira; Okunishi, Takeshi; Tanaka, Takahiro; Kuwata, Akira; Hasegawa, Daisuke; Kakehi, Shigeho; Shimizu, Yugo; Nagai, Satosh PeerJ 2023 / art. e15427 <https://doi.org/10.7717/peerj.15427> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In situ coastal observations of wave homogeneity and coherence

Christakos, Konstantinos; Gao, Zhen; Furevik, Birgitte R.; **Björkqvist, Jan-Victor**; Aarnes, Ole Johan Applied ocean research 2022 / art. 103390 <https://doi.org/10.1016/j.apor.2022.103390> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Increased frequency of wintertime stratification collapse events in the Gulf of Finland since the 1990s

Elken, Jüri; Raudsepp, Urmas; Laanemets, Jaan; Passenko, Jelena; Maljutenko, Ilja; Pärn, Ove; Keevallik, Sirje Journal of marine systems 2014 / p. 47-55 : ill <https://doi.org/10.1016/j.jmarsys.2013.04.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of environmental variables on biochemical biomarkers in the amphipod monoporeia affinis from the Gulf of Riga (Baltic Sea)

Strode, Evita; Barda, Ieva; Suharev, Natalija; **Kolesova, Natalja**; Turja, Raisa; Lehtonen, Kari K. Water 2023 / art. 248 <https://doi.org/10.3390/w15020248> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of physical-chemical factors on community and populations of the Baltic Sea spring bloom microalgae = Füüsilis-keemiliste tegurite mõju kevadõitsengu mikrovetikate kooslustele ja populatsioonidele Läänemeres

Sildever, Sirje 2017 <https://digi.lib.ttu.ee/i/?7192> https://www.ester.ee/record=b4649787*est

Influence of surface salinity gradient on dinoflagellate cyst community structure, abundance and morphology in the Baltic Sea, Kattegat and Skagerrak

Sildever, Sirje; Andersen, Thorbjørn Joest; Ribeiro, Sofia; Ellegaard, Marianne Estuarine, Coastal and Shelf Science 2015 / p. 1-7 <https://doi.org/10.1016/j.ecss.2015.01.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Inimkonna Jumalaema kirik

Goetz, Adrien 2019 https://www.ester.ee/record=b5244425*est https://www.ester.ee/record=b5244426*est

Integrated oil spill response actions and environmental effects –GRACE EU-H2020 project [Online resource]

Kõuts, Tarmo; Truu, Jaak Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 33 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

The interactions between small autotrophs and heterotrophs (bacteria, flagellates and ciliates) in the process of pelagic organic matter degradation, aggregation and sedimentation

Künnis-Beres, Kai; Lips, Inga Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 36-37 : fot https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Interannual and interseasonal variability of the persian gulf surface wave energy in the recent decade

Eshghi, Nasrin; **Barzandeh, Amirhossein**; Salimi, Fouad Marine systems and ocean technology 2024 <https://doi.org/10.1007/s40868-024-00139-8>

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

Skudra, Maris; Lips, Urmas 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 99 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Interfacial long traveling waves in a two-layer fluid with variable depth

Pelinovsky, Efim; Talipova, Tatyana; **Didenkulova, Irina**; Didenkulova, Ekaterina Studies in applied mathematics 2019 / p. 513-527 <https://doi.org/10.1111/sapm.12235> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Internal solitary waves control offshore extension of mud depocenters on the NW Iberian shelf

Zhang, Wenyan; **Didenkulova, Irina**; Kurkina, Oxana Marine geology 2019 / p. 15-30 : ill <https://doi.org/10.1016/j.margeo.2018.12.008>

Introduction to the Chemical Oceanography of Frontal Zones

Belkin, Igor M.; Aliani, Stefano; Alkire, Matthew B.; Badewien, Thomas H.; Berta, Maristella; Durán Gómez, Gloria Silvana; Eliassen, Solva Karadottir; **Elken, Jüri**; Griffa, Annalisa; Suursaar, Ülo The Handbook of Environmental Chemistry 2022 / p. 1-23
https://doi.org/10.1007/698_2022_894 [Article Collection metrics at Scopus](#) [Article at Scopus](#)

Investigating an upwelling system along the eastern Makran coast

Zoljoodi Zarandi, M.; **Barzandeh, Amirhossein**; Hassanzadeh, S.; Zoljoodi Zarandi, R. Bulletin of geophysics and oceanography 2024 / p. 123-138 <https://doi.org/10.4430/bgo00441>

Investigating the influence of sub-mesoscale current structures on Baltic Sea connectivity through a Lagrangian analysis

Hariri, Saeed; Meier, H. E. Markus; Väli, Germa Frontiers in marine science 2024 / 18 p <https://doi.org/10.3389/fmars.2024.1340291>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Jaheda suve nukker lõpp on käes

Kallis, Ain Maaleht 2017 / lk. 60 <https://maaleht.delfi.ee/artikkel/79421740/jaheda-suve-nukker-lopp-on-kaes>

Juhtum kolmele koerale

Bennett, S. J. 2022 https://www.ester.ee/record=b5512043*est https://www.ester.ee/record=b5512044*est

Juulid on kuumemad kui jaanid

Kallis, Ain Maaleht 2018 / lk. 44 <https://maaleht.delfi.ee/artikkel/83008763/juulid-on-kuumemad-kui-jaanid>

Juunikuul on päris erinevad palged

Kallis, Ain Maaleht 2018 / lk. 60 <https://maaleht.delfi.ee/artikkel/82632837/juunikuul-on-paris-erinevad-palged>

Jätke lapsed väljapoole, kui te lahkute

Kallis, Ain Maaleht 2018 / lk. 56

Kas ilm on tõesti muutunud? TalTechi meteoroloogia professor Aarne Männik annab aru

Männik, Aarne digi.geenius.ee 2024 [Kas ilm on tõesti muutunud? TalTechi meteoroloogia professor Aarne Männik annab aru](#)

Kas kellakeeramine mõjutab kliimat?

Kallis, Ain Maaleht 2017 / lk. 52 <https://maaleht.delfi.ee/artikkel/80026202/kas-kellakeeramine-mojutab-kliimat-valvas-kodanik-ilmastik-muutus-paugupealt-sajandi-koige-soojemaks>

Kas kõigil (on) juba kuumast kõrini?

Kallis, Ain Maaleht 2018 / lk. 48 <https://maaleht.delfi.ee/artikkel/83221431/ain-kallis-kas-koigil-on-juba-kuumast-korini>

Kas tänavune põud oli õudne?

Kallis, Ain Maaleht 2018 / lk. 48 <https://maaleht.delfi.ee/artikkel/82926417/kas-tanavune-poud-oli-oudne>

Kaugseire kui abivahend väikejärvede kohtseire planeerimisel Koiva vesikonna väikejärvede näitel

Sipelgas, Liis; Arikas, Age; Auväärt, Kadri; Altoja, Kristi Kaugseire Eestis 2018 : artiklikogumik 2018 / lk. 23-31 : ill
https://kosmos.ut.ee/sites/default/files/kosmos/kaugseire_eestis_2018.pdf

Keelikloom : Fritillaria borealis

Künnis-Beres, Kai Horisont 2018 / lk. 24-25 : fot https://www.ester.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-5-2018.pdf> https://artiklid.elnet.ee/record=b2865295*est

Kes külvab tuult, see lõikab tormi

Kallis, Ain Maaleht 2017 / lk. 52 <https://maaleht.delfi.ee/artikkel/77239908/kes-kulvab-tuult-see-loikab-tormi>

Keskkonnaagentuuril valmis satelliitandmetel põhinev üleujutuste kaugseireteenus

Kalmus, Kertu saartehaal.postimees.ee 2024 [Keskkonnaagentuuril valmis satelliitandmetel põhinev üleujutuste kaugseireteenus](#)

Kivist kohtunik

Rendell, Ruth 2019 https://www.ester.ee/record=b5225426*est

Klimatoloog Ain Kallis : "Kuumalaine ei ole veel läbi!"

Kerge, Rainer; **Kallis, Ain** Õhtuleht 2018 / lk. 18-19 <https://www.oh tuleht.ee/melu/890449/klimatoloog-ain-kallis-kuumalaine-ei-ole-veel-labi>

Kollased iirised

Stoléru, Lionel 2017 https://www.ester.ee/record=b4645497*est

Krokodillide kollased silmad

Pancol, Katherine 2025 https://www.ester.ee/record=b5754961*est

Kui maa hakkab jalge alt ära libisema : [maalihetest]

Kallis, Ain Maaleht 2017 / lk. 60 <https://maaleht.delfi.ee/artikkel/78242710/kui-maa-hakkab-jalge-alt-ara-libisema>

Kui palju on Läänemeres ohtlikke aineid? Eesti teadlased annavad ülevaate [Võrguväljaanne]

Künnis-Beres, Kai postimees.ee 2021 ["Kui palju on Läänemeres ohtlikke aineid? Eesti teadlased annavad ülevaate"](https://postimees.ee/2021/05/12/kui-palju-on-laanimeres-ohtlikke-aineid?source=feed)

Kui põllumees läheb merre, siis võidavad sellest kõik

Kõuts, Mariliis postimees.ee 2024 [Kui põllumees läheb merre, siis võidavad sellest kõik](https://postimees.ee/2024/05/12/kui-pollumees-laheb-merre-siis-voidavad-sellest-koik)

Kuidas mõõdetakse sademeid?

Kallis, Ain Eesti Loodus 2017 / lk. 62-65 : ill http://www.ester.ee/record=b1072059*est

Kuu lühiajalugu

Kebe, Fatoumata 2021 https://www.ester.ee/record=b5422155*est https://www.ester.ee/record=b5422156*est

Kuumalaine Läänemeres: septembri veetemperatuur on viimase 30 aasta kõrgeim

maaleht.delfi.ee 2024 [Kuumalaine Läänemeres: septembri veetemperatuur on viimase 30 aasta kõrgeim](https://maaleht.delfi.ee/artikkel/80403444/kuumalaine-laanimeres-septembri-veetemperatuur-on-viimase-30-aasta-koige-soojem) [Septembri merevee temperatuur on viimase 30 aasta kõige soojem](https://maaleht.delfi.ee/artikkel/80403444/kuumalaine-laanimeres-septembri-veetemperatuur-on-viimase-30-aasta-koige-soojem)

Kõik kordub, ka hall, soe ja märg sügis

Kallis, Ain Maaleht 2017 / lk. 60 <https://maaleht.delfi.ee/artikkel/80403444/koik-kordub-ka-hall-soe-ja-marg-sugis>

Kõle jürikuu pakkus nii lund, äikest kui päikest

Kallis, Ain Maaleht 2017 / lk. 52 <https://maaleht.delfi.ee/artikkel/78089886/kole-jurikuu-pakkus-nii-lund-aikest-kui-paikest>

Kõnelevad kehad : [balletietenduse "Tramm nimega Iha" arvustus]

Keevallik, Sirje Sirp 2017 / lk. 20 : fot <http://www.sirp.ee/s1-artiklid/teater/konelevad-kehad/>

Külm on Läänemerest juba veerandi jääteki alla surunud

Raudvere, Rein-Erich maaleht.ee 2024 [Külm on Läänemerest juba veerandi jääteki alla surunud](https://maaleht.delfi.ee/artikkel/80403444/kuilm-on-laanimerest-juba-veerandi-jaateki-alla-surunud)

La Goulue : Moulin Rouge'i kuninganna

Martin, Maryline 2022 https://www.ester.ee/record=b5527936*est

Laboratory modeling of resonance phenomena in the long wave dynamics

Abcha, Nizar; Pelinovsky, Efim; Didenkulova, Irina Nonlinear waves and pattern dynamics 2018 / p. 45-61 https://doi.org/10.1007/978-3-319-78193-8_2

Laboratory study of peculiarities of the freak-wave generation

Rodin, Artem; Tyugin, Dmitry; Kurkin, Andrey; Kurkina, Oxana; Didenkulova, Irina Geophysical research abstracts 2017 / p. EGU2017-1845-3

LainePoiss – suuruselt väike, mõjult suur

Vaaks, Eveliis Trialoog <https://trialoog.taltech.ee/lainepoiss-suuruselt-vaike-mojult-suur/>

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](https://scopus.com/record/display.uri?eid=2-s2.0-3519286100&origin=pagebreak¤tPage=1) [Article at Scopus](https://scopus.com/record/display.uri?eid=2-s2.0-3519286100&origin=pagebreak¤tPage=1) [Journal metrics at WOS](https://scopus.com/record/display.uri?eid=2-s2.0-3519286100&origin=pagebreak¤tPage=1) [Article at WOS](https://scopus.com/record/display.uri?eid=2-s2.0-3519286100&origin=pagebreak¤tPage=1)

A large-scale high-resolution numerical model for sea-ice fragmentation dynamics

Åström, Jan; Robertsen, Fredrik; Haapala, Jari; Polojärvi, Arttu; Uiboupin, Rivo; Maljutenko, Ilja The Cryosphere 2024 / p. 2429–2442 <https://doi.org/10.5194/tc-18-2429-2024>

Liivi 1 mereala tuulepargi rajab Leedu ettevõtte

TööstusEST 2024 / lk. 19 https://www.ester.ee/record=b4481084*est

Limitations and Opportunities for Wave Energy Utilization in the Baltic Sea : the case-study of Estonia

Vidjajev, Nikon; Palu, Riina; Terentjev, Jan; Hunt, Tõnis 21st Annual General Assembly – AGA 2021, Alexandria, Egypt, 26th-28th October 2021 : proceedings of The International Association of Maritime Universities 2021 / p. 638–647 : map <https://aga21.aast.edu/templates/frontend/aga21/ltr/templates/AGA21-Conference-Proceedings.pdf>

Linkage between the vertical stratification and current oscillations in the Gulf of Finland

Suhhova, Irina; Liblik, Taavi; Liloover, Madis-Jaak; Lips, Urmas The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 244 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Linking atmospheric, terrestrial and aquatic environments : Regime shifts in the Estonian climate over the past 50 years

Kotta, Jonne; Herkül, Kristjan; Jaagus, Jaak; Kaasik, Ants; **Raudsepp, Urmas; Alari, Victor; Laanemets, Jaan; Maljutenko, Ilja; Männik, Aarne; Reihan, Alvina** PLoS ONE 2018 / e0209568, 20 p. : ill <https://doi.org/10.1371/journal.pone.0209568> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Linking contaminant exposure to embryo aberrations in sediment-dwelling amphipods : a multi-basin field study in the Baltic Sea

Kolesova, Natalja; Sildever, Sirje; Strode, Evita; Berezina, Nadezhda; Sundelin, B.; **Lips, Inga; Kuprijanov, Ivan; Buschmann, Fred**; Gorokhova, Elena Ecological indicators 2024 / art. 111837, 11 p. ill <https://doi.org/10.1016/j.ecolind.2024.111837> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Linking the development of stratification with the variability of velocity profiles in the Gulf of Finland

Lips, Urmas; Liblik, Taavi; Suhhova, Irina; Liloover, Madis-Jaak; Laanemets, Jaan Abstracts : [BSSC 2019] 2019 / p. 154 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

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

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

Long wave run-up on plane and "non-reflecting" slopes

Didenkulova, Irina; Pelinovsky, Efim; Rodin, Artem Fluid Dynamics 2018 / p. 402 - 408 <https://doi.org/10.1134/S0015462818030072> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Longitudinal transformation of estuarine transport controlled to mixing controlled nutrient, oxygen and detritus dynamics in the Gulf of Finland

Kõuts, Tarmo; Raudsepp, Urmas; Maljutenko, Ilja The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 200 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Long-term changes in stratification in the Baltic Sea

Liblik, Taavi; Lips, Urmas 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 27 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Long-term changes of the eutrophication indicators of the Baltic Sea = Läänemere eutrofeerumise indikaatorite pikaajalise muutused

Kõuts, Mariliis 2023 <https://doi.org/10.23658/taltech.2/2023> <https://digikogu.taltech.ee/et/Item/b505a9c7-3146-4ccb-8cc0-f56a164c3571> https://www.ester.ee/record=b5533334*est

Long-term mean, interannual and seasonal circulation in the Gulf of Finland - The wide salt wedge estuary or gulf type ROFI

Maljutenko, Ilja; Raudsepp, Urmas Journal of marine systems 2019 / p. 1-19 : ill <https://doi.org/10.1016/j.jmarsys.2019.03.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term model study of nutrient and detritus dynamics in the Baltic Sea

Kõuts, Mariliis; Raudsepp, Urmas; Maljutenko, Ilja; Treimann, Meri Liis 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 32 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Looduse vägiteod laastasid mullu maailma eriti karmilt

Pakats, Maarja; **Kallis, Ain** Eesti Päevaleht 2018 / lk. 17 <https://epl.delfi.ee/artikkel/80645609/looduse-vagiteod-laastasid-mullu-maailma-eriti-karmilt>

Loodust asendada ei saa. Juurte juurde

Kõuts, Mariliis Sirp 2024 / lk. 37 <https://www.sirp.ee/s1-artiklid/c9-sotsiaalia/loodust-asendada-ei-saa-juurte-juurde/>

Läinud aasta ilm tegi inimesed närvlikuks

Kallis, Ain Maaleht 2018 / lk. 48 <https://maaleht.delfi.ee/artikkel/80746575/lainud-aasta-ilm-tegi-inimesed-narvliuks>

Läänemere algal haruldane sooltee sissevool

Piir, Rait novaator.err.ee 2023 [Läänemerel algas haruldane soolvee sissevool](#)

Läänemeri lämbub ja see on sinu süü

Parksepp, Anette LP+Eesti Päevaleht 2019 / lk. 16-17 <https://epl.delfi.ee/uudised/laanemeri-lambub-ja-see-on-sinu-suu?id=86585721>

Läänemeri muutub üha soolasemaks = Baltic Sea is becoming more salty

Oidermaa, Jaan-Juhan novaator.err.ee 2023 [Läänemeri muutub üha soolasemaks](#) [Baltic Sea is becoming more salty](#)

Maikuu ilm on alati pirtsakas olnud

Kallis, Ain Maaleht 2018 / lk. 56 <https://maaleht.delfi.ee/artikkel/82116273/maikuu-ilm-on-alati-pirtsakas-olnud>

Mais alanud suvele pole lõppu näha

Kallis, Ain Maaleht 2018 / lk. 60 <https://maaleht.delfi.ee/artikkel/83569307/mais-alanud-suvele-pole-loppu-naha>

Mapping flood extent and frequency from Sentinel-1 imagery during the extremely warm winter of 2020 in boreal floodplains and forests

Sipelgas, Liis; Aavaste, Age; Uiboupin, Rivo Remote sensing 2021 / art. 4949, 17 p. : ill., map <https://doi.org/10.3390/rs13234949>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mapping microplastic pathways and accumulation zones in the Gulf of Finland, Baltic Sea – insights from modeling

Mishra, Arun; Siht, Enriko; Väli, Germa; Liblik, Taavi; Buhhalko, Natalja; Lips, Urmas Frontiers in marine science 2025 / art. 1524585, 17 p. : ill., map <https://doi.org/10.3389/fmars.2024.1524585> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mapping recurrent flooding zone along Estonian inland waters from Sentinel-1 and-2

Sipelgas, Liis; Aavaste, Age; Uiboupin, Rivo International archives of the photogrammetry, remote sensing and spatial information sciences 2020 / p. 627-632 <https://doi.org/10.5194/isprs-archives-XLIII-B3-2020-627-2020> [Conference proceedings at Scopus](#) [Article at Scopus](#)

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](#)

Marine heatwaves develop along Estonian coast

Oidermaa, Jaan-Juhan; Rudi, Hanneli news.err.ee 2024 [Marine heatwaves develop along Estonian coast](#)

Me ei vaja uusi ametnikke, vaid uusi väärtusi

Lerner-Vilu, Alina postimees.ee 2024 [Me ei vaja uusi ametnikke, vaid uusi väärtusi](#)

Me nakatasime planeedi prügitõppe

Keevalik, Sirje Postimees 2018 / AK, lk. 3 <https://arvamus.postimees.ee/6460753/me-nakatasime-planeedi-prugitoppe>

Mere hoidjad: Kui igaüks võtaks rannast lahkudes lisaks enda prahile kaasa osa võõrast, saaks meri puhtamaks

Lepassalu, Virkko Pealinn 2023 / Lk. 6-7

Mereleitsakud kimbutavad Läänemere habrast elustikku

Kõuts, Mariliis Horisont 2024 / lk. 46-51 : fot https://www.ester.ee/record=b1072243*est

Mereteadlane : Eestit sasinud tsüklon meenutas kaalus juurde võtnud vana tuttavat : [Võrguväljaanne]

Männik, Aarne novaator.err.ee 2019 [Mereteadlane: Eestit sasinud tsüklon meenutas kaalus juurde võtnud vana tuttavat](#)

Mereteadlase tööst paremat eriala on raske ette kujutada! : vastab teenetemärgi saanud merefüüsik Urmas Lips

Lips, Urmas Postimees 2020 / lk. 24 : portr https://www.ester.ee/record=b1072778*est [Mereteadlase tööst paremat eriala on raske ette kujutada! : vastab teenetemärgi saanud merefüüsik Urmas Lips](#)

Meri võib purjetajale olla ohtlik vastane

Kallis, Ain Maaleht 2017 / lk. 56 <https://maaleht.delfi.ee/artikkel/77865248/meri-voib-purjetajale-olla-ohtlik-vastane>

Mesoscale variability and river plume dynamics in the Gulf of Riga (a model study)

Lips, Urmas; Zhurbas, Victor; Skudra, Maris; Väli, Germa 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 72 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

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](#)

Meteoroloog on raske petta

Kallis, Ain Maaleht 2017 / lk. 60

A method for assessment of the general circulation model quality using the K-means clustering algorithm : a case study with GETM v2.5

Raudsepp, Urmas; Maljutenko, Ilja Geoscientific model development 2022 / p. 535-551 <https://doi.org/10.5194/gmd-15-535-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal methods at WOS](#) [Article at WOS](#)

A method for significant wave height estimation from circularly polarized X-Band coastal marine radar images

Rikka, Sander; Uiboupin, Rivo; Kõuts, Tarmo; Vahter, Kaimo; Pärt, Siim IEEE Geoscience and Remote Sensing Letters 2019 / p. 844-848 : ill <https://doi.org/10.1109/LGRS.2018.2886631> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Microbial loop annual variability through the water column gradients in the middle of the Gulf of Finland

Künnis-Beres, Kai The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 117 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Microplastic in the Baltic Sea – current knowledge and future perspectives [Online resource]

Lips, Inga Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 24 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Microplastic pollution in aquatic environments of Estonia [Online resource]

Turov, Polina; Lind, Kati; Lips, Inga Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 46-47 https://archive.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Microplastics and plasticizers in Estonian wastewater treatment plants

Ayankunle, Ayankoya Yemi; Buhhalko, Natalja; Pachel, Karin; Lember, Erki; Heinlaan, Margit PRIMO22 : book of abstracts 2024 / p. 154 https://primo22.org/wp-content/uploads/2024/05/PRIMO22-Book_of_abstracts.pdf

Microplastics in influents and effluents of Estonian wastewater treatment plants

Ayankunle, Ayankoya Yemi; Buhhalko, Natalja; Lukjanova, Aljona; Pachel, Karin; Lember, Erki; Heinlaan, Margit Proceedings 2023 / art. 55 <https://doi.org/10.3390/proceedings2023092055>

Microstructure measurements and estimates of entrainment in the Denmark Strait overflow plume

Paka, Vadim T.; Zhurbas, Victor; Rudels, Bert; Quädäfel, Detlef R.; Korzh, Andrey O.; Delisi, Donald P. Ocean Science 2013 / p. 1003 - 1014 <https://doi.org/10.5194/os-9-1003-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mida parem mereanalüüs, seda parem mereringe

Rammus, Kristin Trialoog 2025 [Mida parem mereanalüüs, seda parem mereringe](#)

Midwinter stratification formation in the Gulf of Finland

Liblik, Taavi; Väli, Germa; Lilover, Madis-Jaak; Laanemets, Jaan; Kikas, Villu; Lips, Inga 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 123 ["proceedings"](#)

Mikroplast jõuab Läti järvedes seletamatult kaugesse minevikku

novaator.err.ee 2024 [Mikroplast jõuab Läti järvedes seletamatult kaugesse minevikku](#)

Miks vajab Läänemeri meie abi?

Kõuts, Mariliis delfi.ee 2023 [Miks vajab Läänemeri meie abi?](#)

Millest lähtutakse autonimede valikul : [Saksa autofirmast Volkswagen]

Kallis, Ain Maaleht 2017 / lk. 64 <https://maaleht.delfi.ee/artikkel/80170166/millest-lahtutakse-autonimede-valikul>

Milline näeb välja mikroplasti teekond meres?

Siht, Enriko Horisont 2025 / lk. 6 : fot https://www.ester.ee/record=b1072243*est

Milline tulevik ootab Läänemerd?

Kõuts, Mariliis Eesti Loodus 2025 / lk. 14-18 : ill https://www.ester.ee/record=b1358198*est

Millne see läinud talv siis ikkagi oli?

Kallis, Ain Maaleht 2017 / lk. 56 <https://maaleht.delfi.ee/artikkel/77478058/milline-see-lainud-talv-siis-ikkagi-oli>

Mis juhtus? Keset südapäeva valitses akna taga pimedus!

Laan, Triinu; **Kallis, Ain** Õhtuleht 2017 / lk. 7 <https://digileht.ohuleht.ee/834463/galerii-ja-tv3-video-mis-lahti-keset-paeva-valitses-akna-tagapimedus>

Mis toimub kliimaga?

Keevallik, Sirje Mõõt või meelevald 2018 / lk. 72-81 : portr https://www.ester.ee/record=b5176782*est

Missing monitoring : review of relevance, methods, gaps and monitoring recommendations for additional ecosystem components in the Baltic Sea

Lindegarth, Mats; **Künnis-Beres, Kai**; Wikner, Johan; Lehtiniemi, Maiju; Kuss, Joachim; Hentzsch, Barbara; Schulz-Bull, Detlef; **Lips, Inga**; **Lips, Urmas**; Nygård, Henrik 2020 https://havsmiljoinstitutet.se/digitalAssets/1775/1775485_d2.5-missing-monitoring.pdf

Mitmekihiline mereuurimine

Lips, Urmas Horisont 2021 / lk. 36-40 : fot https://www.ester.ee/record=b1072243*est

Mobility support and networking for women in STEM

Avellis, Giovanna; **Didenkulova, Irina** Geophysical research abstracts 2017 / p. EGU2017-809-2

Model for leisure boat activities and emissions - implementation for the Baltic Sea

Johansson, Lasse; Ytreberg, Erik; Jalkanen, Jukka-Pekka; Fridell, Erik; Eriksson, K. Martin; Lagerström, Maria; **Maljutenko, Ilja**; **Raudsepp, Urmas**; Fischer, Vivian; Roth, Eva Ocean science 2020 / p. 1143-1163 <https://doi.org/10.5194/os-16-1143-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model study on present and future eutrophication and nitrogen fixation in the Gulf of Finland, Baltic Sea

Lessin, Gennadi; **Raudsepp, Urmas**; **Maljutenko, Ilja**; **Laanemets, Jaan**; **Passenko, Jelena**; Jaanus, Andres Journal of marine systems 2014 / p. 76-85 : ill <https://doi.org/10.1016/j.jmarsys.2013.08.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modeling submesoscale processes in the gulf of finland - case scenario upwelling events in the summer 2006

Väli, Germa; **Zhubas, Victor**; **Laanemets, Jaan**; **Lips, Urmas**; **Elken, Jüri** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 82 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Modeling the pathways of microplastics in the Gulf of Finland, Baltic Sea – sensitivity of parametrizations

Siht, Enriko; **Väli, Germa**; **Liblik, Taavi**; **Mishra, Arun**; **Buhhalko, Natalja**; **Lips, Urmas** Ocean dynamics 2024 / art. 9, 24 p. : ill., map <https://doi.org/10.1007/s10236-024-01649-0>

Modelling spatial dispersion of contaminants from shipping lanes in the Baltic Sea

Maljutenko, Ilja; Hassellöv, Ida-Maja; **Kõuts, Mariliis**; **Kasemets, Mari-Liis**; **Raudsepp, Urmas** Marine pollution bulletin 2021 / art. 112985 <https://doi.org/10.1016/j.marpolbul.2021.112985> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling the influence of major baltic inflows on near-bottom conditions at the entrance of the Gulf of Finland

Lessin, Gennadi; **Raudsepp, Urmas**; Stips, Adolf PLoS ONE 2014 / art. 0112881 <https://doi.org/10.1371/journal.pone.0112881> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Monitoring harmful microalgal species and their appearance in Tokyo Bay, Japan, using metabarcoding

Sildever, Sirje; Nishi, Noriko; Inaba, Nobuharu; Asakura, Taiga; Kikuchi, Jun; Asano, Yasuhito; Kobayashi, Takanori; Gojobori, Takashi; Nagai, Satoshi Metabarcoding and metagenomics 2022 / art. e79471 <https://doi.org/10.3897/mbmg.6.79471> [Journal metrics at Scopus](#) [Article at Scopus](#)

Monitoring of the toxic dinoflagellate Alexandrium catenella in Osaka Bay, Japan using a massively parallel sequencing (MPS)-based technique

Nagai, Satoshi; Chen, Hungyen; Kawakami, Yoko; Yamamoto, Keigo; **Sildever, Sirje** Harmful Algae 2019 / art. 101660, 13 p. : ill <https://doi.org/10.1016/j.hal.2019.101660>

A multiplexed FBG based sensor platform for flow and temperature measurements in the Baltic Sea

Dzipsalski, A.; Morton, J. A. S.; Papachristou, N.; Maier, R. R. J.; MacPherson, W. N.; **Ristolainen, Asko**; **Kruusmaa, Maarja**; Reilent, E.; **Suhhova, Irina**; **Lips, Urmas** Proceedings of SPIE 2023 / art. 1264307-1 : ill <https://doi.org/10.1117/12.2679756> [Conference](#)

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

A multiplexed reconfigurable modular FBG-based sensor platform for flow and temperature measurements in the North Sea

Dzipalski, Adrian; Morton, Jonathan A. S.; Papchristou, Nikolitsa; Maier, Robert R. J.; MacPherson, William N.; **Ristolainen, Asko; Reilent, Enar; Kruusmaa, Maarja**; Wolf, Ben J.; Pirih, Primoz; Van Netten, Sietse M.; **Suhhova, Irina; Lips, Urmas**; McFarlane, Nathan; MacLeod, Robert; Hendry, Mark; Sheehy, Jack; Almoghayer, Mohammed; Rojas, Natalia; Davies, Gareth Proceedings of SPIE 2024 / 6 p <https://doi.org/10.1117/12.3031643> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Multi-source remote sensing data reveals complex topsoil organic carbon dynamics in coastal wetlands

Villoslada, Miguel; **Sipelgas, Liis**; Bergamo, Thaísa Fernandes; Ward, Raymond D.; Reintam, Endla; Astover, Alar; Kumpula, Timo; Sepp, Kalev Ecological Indicators 2022 / art. 109329 <https://doi.org/10.1016/j.ecolind.2022.109329> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mõelda ja tegutseda nagu väike prints

Garnier, Stéphane 2021 https://www.ester.ee/record=b5449875*est https://www.ester.ee/record=b5449889*est

Mõlemasoolised kalad ja antibiootikumiresistentsus. Ravimite vale käitlemine teeb looduses palju pahandust

Parksepp, Anette; **Künnis-Beres, Kai** Eesti Päevaleht 2018 / lk. 2-3 <https://epl.delfi.ee/artikkel/84529989/mõlemasoolised-kalad-ja-antibiootikumiresistentsus-ravimite-vale-kaitlemine-teeb-looduses-palju-pahandust>

Mägedes valitseb valge draakon

Kallis, Ain Maaleht 2017 / lk. 56 <https://maaleht.delfi.ee/artikkel/77168676/magedes-varitseb-valge-draakon>

Müstika müüb, teadus mitte

Kallis, Ain Tartu Tähetorni kalender 2018. aastaks 2017 / lk. 71-72 http://www.ester.ee/record=b1193640*est

Naabritüdruk [Võrguteavik]

Rendell, Ruth 2020 https://www.ester.ee/record=b5330340*est

Naabritüdruk [Võrguteavik]

Rendell, Ruth 2020 https://www.ester.ee/record=b5331876*est

Naised teaduses: Diana Maslova – noor teadlane, kes tõestab, et teadus on seiklus

Maslova, Diana Trialoog postimees.ee 2025 <https://trialoog.taltech.ee/diana-maslova-teadus-on-seiklus/> [Naised teaduses: Diana Maslova – noor teadlane, kes tõestab, et teadus on seiklus](#)

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](#)

Nitrate, ammonium and phosphate pools in the Baltic Sea

Kõuts, Mariliis; Maljutenko, Ilja; Liu, Ye; Raudsepp, Urmas Journal of operational oceanography 2021 / p. s37-s48 : ill., map <https://doi.org/10.1080/1755876X.2021.1946240>

Nonlinear deformation and run-up of elongated solitary waves: numerical simulations and analytical predictions

Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys Geophysical research abstracts 2019 / p. EGU2019-10473 <https://meetingorganizer.copernicus.org/EGU2019/EGU2019-10473.pdf>

Nonlinear deformation and run-up of single tsunami waves of positive polarity : numerical simulations and analytical predictions

Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys Natural hazards and earth system sciences 2019 / p. 2905–2913 : ill <https://doi.org/10.5194/nhess-19-2905-2019> <https://nhess.copernicus.org/articles/19/2905/2019/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nonlinear deformation and run-up of single tsunami waves of positive polarity : numerical simulations and analytical predictions

Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys Innovations in minimization of natural and technological risks : abstracts of the first Eurasian conference "RISK -2019" : 22 - 24 May 2019, Baku, Azerbaijan 2019 / p. 102 <https://eurasianrisk2020.ge/uploads/RISK-2019/ABSTRACT%20BOOK%20EURASIAN%20RISK-2019.pdf>

Nonlinear wave dynamics in self-consistent water channels

Pelinovsky, Efim; **Didenkulova, Ira**; Shurgalina, Ekaterina; Aseeva, Nataly Journal of physics A: mathematical and theoretical 2017 / art. 505501, 16 p. : ill <https://doi.org/10.1088/1751-8121/aa923e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Nooruk : romaan

Dostojevski, Fjodor 2021 https://www.ester.ee/record=b5458047*est https://www.ester.ee/record=b5458048*est

A North Sea-Baltic Sea regional coupled models: atmosphere, wind waves and ocean [Online resource]

Staneva, Joanna; Schrum, C.; Behrens, A.; **Alari, Victor** Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 223-231 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Nutipoi heidab valgust jää ja lainete ringmängule

novaator.err.ee 2024 [Nutipoi heidab valgust jää ja lainete ringmängule](#)

Observed flow variability along the thalweg, and on the coastal slopes of the Gulf of Finland, Baltic Sea

Lilover, Madis-Jaak; Elken, Jüri; Suhhova, Irina; Liblik, Taavi Estuarine, coastal and shelf science 2017 / p. 23-33 : ill <https://doi.org/10.1016/j.ecss.2016.11.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ocean acidification research in Estonia: challenges and opportunities

Pajusalu, Liina; Dupont, Sam; **Lainela, Silvie**; Martin, Georg Proceedings of the Estonian Academy of Sciences 2019 / p. 22–31 : ill <https://doi.org/10.3176/proc.2019.1.05> http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-22-31.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An ocean–wave–trajectory forecasting system for the eastern Baltic Sea : validation against drifting buoys and implementation for oil spill modeling

Pärt, Siim; Björkqvist, Jan-Victor; **Alari, Victor**; **Maljutenko, Ilja**; **Uiboupin, Rivo** Marine pollution bulletin 2023 / art. 115497, 13 p. : ill <https://doi.org/10.1016/j.marpolbul.2023.115497> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ohtlike ainete mõju uuringud Eesti rannikumeres ja Soome lahe idaosas

Künnis-Beres, Kai; **Kuprijanov, Ivan** Horisont 2021 / lk. 28-33 : ill https://www.ester.ee/record=b1072243*est

Oil spill detection using fluorometric sensors : laboratory validation and implementation to a ferryBox and a moored SmartBuoy

Pärt, Siim; Kankaanpää, Harri; **Björkqvist, Jan-Victor**; **Uiboupin, Rivo** Frontiers in marine science 2021 / art. 778136 : ill <https://doi.org/10.3389/fmars.2021.778136> <https://www.frontiersin.org/articles/10.3389/fmars.2021.778136/full> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

On the nature of low-frequency currents over a shallow area of the southern coast of the Gulf of Finland

Lilover, Madis-Jaak; **Pavelson, Juss**; **Kõuts, Tarmo** Journal of marine systems 2014 / p. 66-75 : ill <https://doi.org/10.1016/j.jmarsys.2013.06.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the turbidity dynamics in the near-bottom layer of the Gulf of Finland

Buschmann, Fred; **Suhhova, Irina**; **Liblik, Taavi**; **Lips, Urmas** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 16 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Operational in situ oil spill detection in the Baltic sea using FerryBox system equipped with oil sensor

Pärt, Siim; **Kõuts, Tarmo**; **Vahter, Kaimo** 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : Abstract book, 12-15 June 2018, Klaipėda, Lithuania 2018 / p. 51 http://apc.ku.lt/balticvalley/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Operational in situ oil spill detection in the Baltic Sea, using FerryBox system equipped with oil sensor [Online resource]

Kõuts, Tarmo; **Pärt, Siim**; **Vahter, Kaimo** Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 169-172 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Operational in situ oil spill detection in the Baltic Sea, using FerryBox system equipped with oil sensor [Online resource]

Kõuts, Tarmo; **Pärt, Siim**; **Vahter, Kaimo** International Conference Operational Oceanography Serving Sustainable Marine Development : 3-5 October 2017, Bergen, Norway : book of abstracts 2017 / p. 50 http://eurogoos.imr.no/resources/EuroGOOS_Conference_2017_BoA.pdf

Operational monitoring of the surface waters of the Baltic Sea with SOOGuard system

Pärt, Siim; **Atamanchuk, Dariia**; **Kõuts, Tarmo**; **Tengberg, Anders** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 173

http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Operational wave height monitoring using navigation buoys and marine radars in the Baltic Sea [Online resource]

Kõuts, Tarmo; Rikka, Sander; Käärmann, Leo; Usk, Aivar International Conference Operational Oceanography Serving Sustainable Marine Development : 3-5 October 2017, Bergen, Norway : book of abstracts 2017 / p. 21
http://eurogoos.imr.no/resources/EuroGOOS_Conference_2017_BoA.pdf

Operational wave height monitoring using navigation buoys and marine radars in the Baltic Sea [Online resource]

Kõuts, Tarmo; Rikka, Sander; Käärmann, Leo; Usk, Aivar Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 157-163 : ill
<http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Optical water type guided approach to estimate optical water quality parameters

Uudeberg, Kristi; **Aavaste, Age**; Kõks, Kerttu-Liis; Ansper, Ave; Uusõue, Mirjam; Kangro, Kersti; Ansko, Ilmar; Ligi, Martin; Toming, Kaire; Reinart, Anu Remote sensing 2020 / art. 931 <https://doi.org/10.3390/rs12060931> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Optimising sampling frequency for monitoring heterotrophic protists in a marine ecosystem

Lehtiniemi, Maiju; Fileman, Elanie; Hällfors, Heidi; Kuosa, Harri; Lehtinen, Sirpa; **Lips, Inga**; Setälä, Outi; Suikkanen, Sanna; Tuimala, Jarno; Widdicombe, Claire ICES journal of marine science 2022 / p. 925–936 : ill <https://doi.org/10.1093/icesjms/fsab132> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Orkaanid Harvey, Irma, Jose ja Katia

Keevallik, Sirje Postimees 2017 / lk. 15 <https://arvamus.postimees.ee/4241047/sirje-keevallik-orkaanid-harvey-irma-jose-ja-katia>

Overview of CMEBS BAL MFC service and developments [Online resource]

Tuomi, Laura; She, Jun; Lorkowski, I.; Axell, L.; **Lagemaa, Priidik**; Schwichtenberg, F.; Huess, V. International Conference Operational Oceanography Serving Sustainable Marine Development : 3-5 October 2017, Bergen, Norway : book of abstracts 2017 / p. 27 http://eurogoos.imr.no/resources/EuroGOOS_Conference_2017_BoA.pdf

Overview of CMEBS BAL MFC service and developments [Online resource]

Tuomi, Laura; She, Jun; Lorkowski, I.; Axell, L.; **Lagemaa, Priidik**; Schwichtenberg, F.; Huess, V. Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 261-267 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Parallel assessment of marine autotrophic picoplankton using flow cytometry and chemotaxonomy

Tamm, Marju; **Laas, Peeter**; Freiberg, Rene; Nöges, Peeter; Nöges, Tiina Science of the total environment 2018 / p. 185–193 : ill
<https://doi.org/10.1016/j.scitotenv.2017.12.234>

Particle Image Velocimetry - an attractive method to make the near bottom velocity field visible [Online resource]

Buschmann, Fred; Erm, Ants; Listak, Madis Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 30
https://www.baltic-earth.eu/multipledrivers2018/material/No.14_Tallinn2018.pdf

Pathways and distribution of microplastic in the Eastern Baltic Sea = Mikroplasti levik ja jaotused Läänemere idaosas

Mishra, Arun 2025 https://www.ester.ee/record=b5748117*est <https://digikogu.taltech.ee/et/Item/926a58d0-78e8-4c52-9df7-8fad0dbfdc4c>
<https://doi.org/10.23658/taltech.36/2025>

Persoon : Jaan Kalda

Kalda, Jaan Studioosus 2019 / lk. 6-9 : fot https://www.ester.ee/record=b1558644*est

The pH tolerance range of the airborne species Tetracystis vinatzeri (Chlorophyceae, Chlamydomonadales)

Tesson, Sylvie V. M.; **Sildever, Sirje** European journal of phycology 2023 / 11 p <https://doi.org/10.1080/09670262.2023.2260444> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phytoplankton blooms in the Baltic Sea

Raudsepp, Urmas; She, Jun; Brando, Vittorio E.; Santoleri, Rosalia; Sammartino, Michela; **Kõuts, Mariliis**; **Uiboupin, Rivo**; **Maljutenko, Ilja** Journal of operational oceanography 2019 / p. s21-s26 : ill., map <https://doi.org/10.1080/1755876X.2019.1633075>

Pierre ja Luce

Rolland, Romain 2019 https://www.ester.ee/record=b5185865*est https://www.ester.ee/record=b5185864*est

Plankton biodiversity and species co-occurrence based on environmental DNA - a multiple marker study

Sildever, Sirje; **Laas, Peeter**; **Kolesova, Natalja**; **Lips, Inga**; **Lips, Urmas**; Nagai, Satoshi Metabarcoding and metagenomics 2021 / p. 175-197 : ill <https://doi.org/10.3897/mbmg.5.72371> [Journal metrics at Scopus](#) [Article at Scopus](#)

Plastic contamination in Estonia: novel plasticizers and microplastics in Estonian wastewater treatment plants
Heinlaan, Margit; Ayankunle, Ayankoya Yemi; Vija, Heiki; Buhhalko, Natalja; Lember, Erki; Pachel, Karin The Gulf of Finland and Eastern Baltic Sea Science Days 2023 : "The future of our co-operation : A nucleus to transboundary nurture of the marine environment in transition", Estonian Academy of Sciences, Tallinn, 16–17 November 2023 : abstracts 2023 / p. 26-27
<https://www.akadeemia.ee/wp-content/uploads/2023/11/gof-science-days-2023-abstracts-for-web-2.pdf>

Presidendi kaabu

Laurain, Antoine 2020 https://www.ester.ee/record=b5347297*est https://www.ester.ee/record=b5347298*est

Professor Sirje Keevallik lahkab ülejutuste anatoomiat

Keevallik, Sirje Director. Inseneeria 2017 / lk. 132-135 : fot http://www.ester.ee/record=b1519314*est
https://artiklid.elnet.ee/record=b2824212*est

Progress in physical oceanography of the Baltic Sea during the 2003-2014 period

Omstedt, Anders; Elken, Jüri; Lehmann, Andreas; Leppäranta, Matti; Meier, H.E. Markus; Myrberg, Kai; Rutgersson, Anna Progress in Oceanography 2014 / p. 139-171 : ill <https://doi.org/10.1016/j.pocean.2014.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Projected changes of the significant wave height in the Baltic Sea by the end of the 21th century

Alari, Victor; Rästas, Henri; Raudsepp, Urmas 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 58 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Propagation of impact of the recent major Baltic inflows from the Eastern Gotland Basin to the Gulf of Finland [Online resource]

Liblik, Taavi; Naumann, Michael; Lips, Urmas; Laanemets, Jaan Frontiers in marine science 2018 / art. 222, 23 p. : ill <https://doi.org/10.3389/fmars.2018.00222> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pruudil olid jalas kollased saapad. Esimene raamat

Pancol, Katherine 2024 https://www.ester.ee/record=b5678916*est

Päikest püüdes : teadus päikesevalgusest ja selle mõjust meie kehale ja vaimule

Geddes, Linda 2020 https://www.ester.ee/record=b5290048*est

Püsiv jääkate jäi sooja talve tõttu Läänemerele tulemata

Kõuts, Mariliis; Uiboupin, Rivo novaator.err.ee 2025 <https://novaator.err.ee/1609633382/pusiv-jaakate-jai-sooja-talve-tottu-laanemerele-tulemata>

Quantification of dissolved oxygen dynamics in a semi-enclosed sea – a comparison of observational platforms

Meyer, David; Lips, Urmas; Prien, Ralf D.; Naumann, Michael; Liblik, Taavi Continental shelf research 2018 / p. 34–45 : ill <https://doi.org/10.1016/j.csr.2018.09.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quasi-steady circulation regimes in the Baltic Sea

Liblik, Taavi; Väli, Germa; Salm, Kai; Laanemets, Jaan; Liloover, Madis-Jaak; Lips, Urmas Ocean science 2022 / p. 857-879 <https://doi.org/10.5194/os-18-857-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Radar remote sensing of meteo-marine parameters in the Baltic Sea = Laine- ja tuuleväljade määramine Läänemeres radarkaugseire andmetest

Rikka, Sander 2019 <https://digi.lib.ttu.ee/i/?12168>

Radar remote sensing of the meteo-marine parameters in the Baltic Sea [Online resource]

Rikka, Sander; Uiboupin, Rivo; Pleskachevsky, Andrey; Alari, Victor; Jacobsen, Sven; Kõuts, Tarmo 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 139-140 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Radarkaugseire kasutamine Läänemere lainetuse ja tuuleväljade määramiseks

Rikka, Sander; Uiboupin, Rivo; Pleskachevsky, Andrey; Alari, Victor; Jacobsen, Sven; Kõuts, Tarmo Kaugseire Eestis 2018 : artiklikogumik 2018 / lk. 32-40 : ill https://kosmos.ut.ee/sites/default/files/kosmos/kaugseire_eestis_2018.pdf

Rare saltwater inflow in Baltic Sea could have 'widespread' environmental impact

Piir, Rait; Lips, Urmas; Liblik, Taavi news.err.ee 2023

Real time in situ oil-spill monitoring using FerryBox system equipped with UV-fluorometer

Pärt, Siim; Kõuts, Tarmo; Vahter, Kaimo The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 333 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Reanalysis based assessment of tropospheric thickness trends in Baltic Sea region

Lerner, Alina; Männik, Aarne 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 175-176 : ill ["proceedings"](#)

Recent changes in Baltic Sea oceanographic conditions, with some effects to the ecosystem status

Elken, Jüri; Lehmann, Andreas; Myrberg, Kai 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 34 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Recent developments of the biogeochemical CMEMS - Baltic Sea Forecast products

Schwichtenberg, Fabian; Lindenthal, Anja; Bruening, Thorger; Jandt, Simon; Lejungemyr, Patrik; **Maljutenko, Ilja** Abstracts : [BSSC 2019] 2019 / p. 312 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Recent progress in performance evaluations and near real-time assessment of operational ocean products

Hernandez, Fabrice; Blockley, Edward; Brassington, Gary B.; Davidson, Fraser; Divakaran, Prasanth; Drévilhon, Marie; Ishizaki, Shiro; Garcia-Sotillo, Marcos; Hogan, Patrick J.; **Lagemaa, Priidik** Journal of Operational Oceanography 2015 / p. s221 - s238 <https://doi.org/10.1080/1755876X.2015.1050282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recent regime of persistent hypoxia in the Baltic Sea

Kõuts, Mariliis; Maljutenko, Ilja; Elken, Jüri; Liu, Ye; Raudsepp, Urmas Environmental Research Communications 2021 / 1-17 p <https://doi.org/10.1088/2515-7620/ac0cc4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recently accelerated oxygen consumption rates amplify deoxygenation in the Baltic Sea - observations and model results [Online resource]

Meier, H.E. Markus; **Väli, Germo**; Naumann, Michael; Eilola, Kari; Frauen, Claudia 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 184 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Recently accelerated oxygen consumption rates amplify deoxygenation in the Baltic Sea

Meier, H. E. Markus; **Väli, Germo**; Naumann, Michael; Eilola, Kari; Frauen, Claudia Journal of geophysical research : oceans 2018 / p. 3227-3240 : ill <https://doi.org/10.1029/2017JC013686> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstructing salinity changes and environmental influence on dinoflagellate cysts in the central Baltic Sea since the late 19th century

Silvever, Sirje Estuarine, coastal and shelf science 2019 / p. 384-394 <https://doi.org/10.1016/j.ecss.2019.02.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstructing sea surface temperature and salinity fields in the northeastern Baltic from observational data, based on sub-regional Empirical Orthogonal Function (EOF) patterns from models

Elken, Jüri; Zujev, Mihhail; Lagemaa, Priidik 2018 IEEE/OES Baltic International Symposium (BALTIC 2018) : Klaipeda, Lithuania 12 - 15 June 2018 2018 / p. 38-45 : ill <https://doi.org/10.1109/BALTIC.2018.8634845>

Reconstructing sea surface temperature and salinity fields in the Northeastern Baltic from observational data, based on subregional EOF patterns from models

Elken, Jüri; Zujev, Mihhail; Lagemaa, Priidik 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book : 12-15 June 2018 Klaipėda, Lithuania 2018 / p. 28 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

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>

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](#)

Record high heat content and low ice extent in the Baltic Sea during winter 2019/20

Raudsepp, Urmas; Maljutenko, Ilja; Haapala, Jari; Männik, Aarne; Verjovkina, Svetlana; Uiboupin, Rivo; von Schuckmann, Karina; Mayer, Michael Journal of operational oceanography 2022 / p. 175-185 : ill. <https://doi.org/10.1080/1755876X.2022.2095169>

Redox-specialized bacterioplankton metacommunity in a temperate estuary

Laas, Peeter; Simm, Jaak; Lips, Inga; Lips, Urmas; Kisand, Veljo; Metsis, Madis PLoS ONE 2015 / art. e0122304 <https://doi.org/10.1371/journal.pone.0122304> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reflectionless surface wave dynamics in channels of variable depth and width [Online resource]

Pelinovsky, Efim; Talipova, Tatyana; **Didenkulova, Irina**; Shurgalina, Ekaterina IUTAM Symposium Wind Waves : 4-8 September 2017, London, UK : abstracts 2017 / p. [28] https://www.ucl.ac.uk/math/events/other-events/iutam-symposium-wind-waves/abstracts_final

Reflectionless wave dynamics in channels of variable depth and width

Pelinovsky, Efim; **Didenkulova, Irina**; Shurgalina, Ekaterina Geophysical research abstracts 2017 / p. EGU2017-2977

A regime shift toward a more anoxic environment in a Eutrophic sea in Northern Europe

Almroth-Rosell, Elin; Wåhlström, Irene; **Väli, Germa** Frontiers in marine science 2021 / art. 799936

<https://doi.org/10.3389/fmars.2021.799936> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Regime shifts in the natural environment in the northern Baltic Sea region in late 1980s

Jaagus, Jaak; **Alari, Victor**; Arula, Timo; Järvet, Arvo; Kont, Are; Kotta, Jonne; Kull, Ain; Laanemets, Jaan; Männik, Aarne; Ojaveer, Henn; **Raudsepp, Urmas**; **Reihan, Alvina**; Rõõm, Rein; Sepp, Mait; Suursaar, Ülo; Tamm, Ottar; Tamm, Toomas; Tõnisson, Hannes 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 64 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Rekorditest seekord nii- ja naapidi : [õhutemperatuuridest]

Keevallik, Sirje Maaleht 2017 / lk. 60 <https://maaleht.delfi.ee/artikkel/78139140/rekorditest-seekord-nii-ja-naapidi>

Reliable environmental DNA detection of planktonic biodiversity : minimum sample volume for DNA metabarcoding

Sildever, Sirje; Edvardsen, Bente; Egge, Elianne; Engesmo, Anette; Harðardóttir, Sara; Jacobsen, Asa; Jacobsen, Hans; Jurgensone, Iveta; **Pärt, Kristian**; **Rünk, Nelli** 2025 <https://doi.org/10.6027/temanord2025-509> <https://pub.norden.org/temanord2025-509/temanord2025-509.pdf>

Renewed circulation scheme of the Baltic Sea – based on the 40-year simulation with GETM

Maljutenko, Ilja; **Raudsepp, Urmas** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 71 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Response of water circulation, temperature and salinity to wind wave effects in the Baltic and North Sea's

Alari, Victor; Staneva, Joanna 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 62 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

River runoff forcing for ocean modeling within the Baltic Sea Model intercomparison project

Väli, Germa; Meier, H.E. Markus; Placke, Manja; Dieterich, Christian 2019 <http://doi.io-warnemuende.de/10.12754/msr-2019-0113> <http://doi.io-warnemuende.de/doi/2019/msr-2019-0113/msr-2019-0113.pdf>

Rotation of floating particles in submesoscale cyclonic and anticyclonic eddies : a model study for the southeastern Baltic Sea

Zhubas, Victor; **Väli, Germa**; Kuzmina, Natalia Ocean science 2019 / p. 1691-1705 <https://doi.org/10.5194/os-15-1691-2019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rotation of floating particles in submesoscale cyclonic and anticyclonic eddies : a model study for the southeastern Baltic Sea

Zhubas, Victor; **Väli, Germa**; Kuzmina, Natalia 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 28-29 : ill ["proceedings"](#)

Run-up of a nonlinear monochromatic wave on a plane beach in presence of a tide

Didenkulova, Irina; Pelinovsky, Efim Oceanology 2019 / p. 478–481 : ill <https://doi.org/10.1134/S0001437019040027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Runup of nonlinear waves of different shapes on a plane beach including effects of dispersion and wave breaking = Laine dispersiooni ja murdumise mõju mittelineaarsete lainete uhtekõrgusele erineva kujuga lauetel randadel

Abdalazeez, Ahmed 2020 https://www.ester.ee/record=b5383220*est <https://digikogu.taltech.ee/et/Item/f270a84e-32a3-4b08-9717-4de9e57b59d1>

Salinity dynamics of the Baltic Sea

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

Sea level network in Estonia and its applications in supporting marine science, hydrographic works and safety of navigation

Vahter, Kaimo; **Zaitseva-Pärnaste, Inga** [EUREF2019 abstracts] 2019 / p. [56] <https://www.maaamet.ee/euref2019/EUREF2019->

Sea level, sea surface temperature and SWH extreme percentiles : combined analysis from model results and in situ observations

Alvarez-Fanjul, Enrique; Collar, Alvaro de Pascual; Gomez, Begona Perez; De Alfonso, Marta; Sotillo, Marcos Garcia; Staneva, Joanna; Clementi, Emanuela; **Raudsepp, Urmas; Lagema, Priidik; Maljutenko, Ilja** Journal of operational oceanography 2019 / p. s31-s42 : ill., map <https://doi.org/10.1080/1755876X.2019.1633075>

Sea state in the Baltic Sea from space-borne high-resolution synthetic aperture radar imagery

Rikka, Sander; Pleskachevsky, Andrey; **Uiboupin, Rivo;** Jacobsen, Sven International journal of remote sensing 2018 / p. 1256-1284 : ill <https://doi.org/10.1080/01431161.2017.1399475> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sea state parameters in highly variable environment of Baltic Sea from satellite radar images

Rikka, Sander; Pleskachevsky, Andrey; **Uiboupin, Rivo;** Jacobsen, Sven 2017 IEEE International Geoscience & Remote Sensing Symposium : proceedings : July 23-28, 2017, Fort Worth, Texas, USA 2017 / p. 2965-2968 : ill <https://doi.org/10.1109/IGARSS.2017.8127621> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Sea surface circulation in the Baltic Sea : decomposed components and pattern recognition

Barzandeh, Amirhossein; Maljutenko, Ilja; Rikka, Sander; Lagema, Priidik; Männik, Aarne; Uiboupin, Rivo; Raudsepp, Urmas Scientific reports 2024 / art. 18649 <https://doi.org/10.1038/s41598-024-69463-8>

Seasonal dynamics and regional distribution patterns of CO₂ and CH₄ in the north-eastern Baltic Sea

Lainela, Silvie; Jacobs, Erik; **Luik, Stella-Theresa;** Rehder, Gregor; **Lips, Urmas** Biogeosciences 2024 / p. 4495-4519 : ill <https://doi.org/10.5194/bg-21-4495-2024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Seasonal features of marine data assimilation using satellite SST products from Copernicus Marine Service

Zujev, Mihhail; Elken, Jüri The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 208 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Seasonal near-shore nutrients load in Tallinn Bay coming from storm water outlets

Erm, Ants; Buschmann, Fred; Maljutenko, Ilja; Meerits, Aet; Suhhova, Irina 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 230 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Seasonality of submesoscale coherent vortices in the Northern Baltic Proper : a model study

Väli, Germa; Zhurbas, Victor Фундаментальная и прикладная гидрофизика 2021 / p. 122-129 <https://doi.org/10.7868/S2073667321030114> [Journal metrics at Scopus](#) [Article at Scopus](#)

Sentinel satelliitide andmetel põhinev operatiivne jääseireteenus

Rikka, Sander; Sipelgas, Liis; Simon, Martin; Služenikina, Jekaterina; **Siitam, Laura; Uiboupin, Rivo** Kaugseire Eestis 2021 : artiklikogumik 2022 / p. 53-64 https://sisu.ut.ee/sites/default/files/kaugseire/files/kaugseire_eestis_2021_artiklikogumik_1.pdf <https://kaugseire.ee/2021>

Shipborne GNSS acquisition of sea surface heights in the Baltic Sea

Liibusk, Aive; Varbla, Sander; Ellmann, Artu; Vahter, Kaimo; Uiboupin, Rivo; Delpeche-Ellmann, Nicole Camille Journal of geodetic science 2022 / 21 p. : ill., map <https://doi.org/10.1515/jogs-2022-0131> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Shipborne nutrient dynamics and impact on the eutrophication in the Baltic Sea

Raudsepp, Urmas; Maljutenko, Ilja; Kõuts, Mariliis; Granhag, Lena Science of the total environment 2019 / p. 189-207 : ill <https://doi.org/10.1016/j.scitotenv.2019.03.264> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Shipping and the environment in the Baltic Sea region I results of the BONUS SHEBA project [Online resource]

Quante, Markus; Moldanova, Jana; Eriksson, Martin; Maljutenko, Ilja 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 191-192 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Silmale ilus vaadata

Rendell, Ruth 2022 https://www.ester.ee/record=b5491569*est https://www.ester.ee/record=b5491570*est

Skaggerak, Kattegat, and the Baltic Sea

Wesslander, K.; Wodzinowski, Tycjan; Liblik, Taavi ICES Report on Ocean Climate 2019 2020 / p. 88-91 : ill <https://www.ices.dk/sites/pub/Publication%20Reports/Forms/DispForm.aspx?ID=37261> [https://www.ices.dk/sites/pub/Publication%20Reports/Cooperative%20Research%20Report%20\(CRR\)/CRR350.pdf](https://www.ices.dk/sites/pub/Publication%20Reports/Cooperative%20Research%20Report%20(CRR)/CRR350.pdf) <https://doi.org/10.17895/ices.pub.7537>

Soe ja kena kevade toob rõõmu meie südame

Kallis, Ain Maaleht 2018 / lk. 60 <https://maaleht.delfi.ee/artikkel/82560645/soe-ja-kena-kevade-toob-roomu-meie-sudame>

Soome lahe surnud tsoon on laienenud

Imeline Teadus 2020 / lk. 21 https://www.ester.ee/record=b2747925*est

Spatial variability of winter bacterioplankton community composition in the Gulf of Finland (the Baltic Sea)

Laas, Peeter; Simm, Jaak; Lips, Inga; Metsis, Madis Journal of marine systems 2014 / p. 127-134 : ill

<https://doi.org/10.1016/j.jmarsys.2013.07.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A spatially extensive validation of three different wave models in the Helsinki coastal archipelago

Björkqvist, Jan-Victor; Vähä-Piikkiö, Olga; Tuomi, Laura; Alari, Victor From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 10

[https://www.etis.ee/File/DownloadPublic/ebda3e4a-2eb0-4f26-971f-f16046bc0bed?](https://www.etis.ee/File/DownloadPublic/ebda3e4a-2eb0-4f26-971f-f16046bc0bed?name=TheGulfOffinlandScienceDays_2017.pdf&type=application%2Fpdf)

[name=TheGulfOffinlandScienceDays_2017.pdf&type=application%2Fpdf](https://www.etis.ee/File/DownloadPublic/ebda3e4a-2eb0-4f26-971f-f16046bc0bed?name=TheGulfOffinlandScienceDays_2017.pdf&type=application%2Fpdf)

Spatiotemporal variability of microplastics in the Eastern Baltic Sea

Mishra, Arun; Buhhalko, Natalja; Lind, Kati; Lips, Inga; Liblik, Taavi; Väli, Germa; Lips, Urmas Frontiers in marine science

2022 / art. 875984 <https://doi.org/10.3389/fmars.2022.875984> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

Spring bloom dinoflagellate cyst dynamics in three eastern sub-basins of the Baltic Sea

Sildever, Sirje; Kremp, Anke; Enke, Annely; Buschmann, Fred; Maljutenko, Ilja; Lips, Inga Continental shelf research 2017 / p.

46-55 : ill <https://doi.org/10.1016/j.csr.2016.11.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spring bloom in the Gulf of Finland - interannual variability caused by meteorological and hydrological conditions

Lips, Inga; Sildever, Sirje; Lips, Urmas; Rünk, Nelli; Kikas, Villu 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 106

http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

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](#)

Statistics for long irregular wave run-up on a plane beach from direct numerical simulations

Didenkulova, Irina; Senichev, Dmitry; Dutykh, Denys Geophysical research abstracts 2017 / p. EGU2017-19133

Strain variability in toxin profiles and toxic potential of Dinophysis fortii populations from Southwestern and Northern Japanese coastal waters

Sildever, Sirje; Uchida, Hajime; Kuribayashi, Takanori; Natsuike, Masafumi; Hada, Yasufumi; Miyazono, Akira; Kosaka, Yuki;

Nakayama, Natsuko; Lum, Wai Mun; Miyahara, Kazutaka; Yamamoto, Kana; Matsushima, Ryoji; Suzuki, Toshiyuki; Nagai, Satoshi

Harmful Algae 2025 / art. 102803 <https://doi.org/10.1016/j.hal.2025.102803>

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](#)

[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](#)

[Article at WOS](#)

Structure and variability of currents in the stratified Gulf of Finland = Hoovuste muutlikkus ja struktuur stratifitseeritud

Soome lahes

Suhhova, Irina 2018 <https://digi.lib.ttu.ee/i/?11156> https://www.ester.ee/record=b5174422*est

A study of the sea surface boundary layer dynamics

Davulienė, Lina; Kelpšaitė, Loreta; Torsvik, Tomas; Dailidienė, Inga 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 165

http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Subharmonic resonant excitation of edge waves by breaking surface waves

Abcha, Nizar; Zhang, Tonglei; Ezersky, Alexander; Pelinovsky, Efim; Didenkulova, Irina Nonlinear processes in geophysics 2017 / p.

157-165 : ill <https://doi.org/10.5194/npg-24-157-2017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at](#)

[WOS](#)

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

Väli, Germa; Meier, H.E. Markus; **Liblik, Taavi**; Radtke, Hagen; Klingbeil, Knut; Gräwe, Ulf; **Lips, 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](#)

Submesoscale structures related to upwelling events in the Gulf of Finland, Baltic Sea (numerical experiments)

Väli, Germa; Zhurbas, Victor; **Lips, Urmas**; Laanemets, Jaan Journal of marine systems 2017 / p. 31-42 : ill <https://doi.org/10.1016/j.jmarsys.2016.06.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Submesoscale Variability in a Mesoscale Front Captured by a Glider Mission in the Gulf of Finland, Baltic Sea

Salm, Kai; **Liblik, Taavi**; **Lips, Urmas** ESS Open Archive 2022 / 27 p. : ill <https://doi.org/10.1002/essoar.10510112.1>

Submesoscale variability in a mesoscale front captured by a glider mission in the Gulf of Finland, Baltic Sea

Salm, Kai; **Liblik, Taavi**; **Lips, Urmas** Frontiers in marine science 2023 / art. 984246, 18 p. : ill <https://doi.org/10.3389/fmars.2023.984246> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sulfurimonas subgroup GD17 cells accumulate polyphosphate under fluctuating redox conditions in the Baltic Sea : possible implications for their ecology

Möller, Lars; **Laas, Peeter**; Rogge, Andreas; Goetz, Florian The ISME journal 2019 / p. 482–493 : ill <https://doi.org/10.1038/s41396-018-0267-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sulphate sensitivity of aquatic organisms in northern Baltic Sea coastal brackish water explored by toxicity tests and species sensitivity distribution

Hu, Xiaoxuan; Leppänen, Matti T.; Järvisjö, Johanna; Tonteri, Ossi; Strode, Evita; Sarathchandra, Hansika; Karjalainen, Juha S.; Lehtonen, Kari K.; Karjalainen, Anna K.; Mäkinen, Mikko; Shing Lo, Hoi; **Kolesova, Natalja** SETAC Europe 34th Annual Meeting : "Science-Based Solutions in Times of Crisis : Integrating Science and Policy for Environmental Challenges" : book of abstracts 2024 / abs. 4.08.A.T-04 <https://setac.confex.com/setac/europe2024/meetingapp.cgi/Paper/21031>

Summer upwelling at the Boknis Eck time-series station (1982 to 2012) – A combined glider and wind data analysis

Karstensen, Johannes; **Liblik, Taavi**; Fischer, J.; Bumke, K.; Krahmann, G. Biogeosciences 2014 / p. 3603-3617 : ill <https://doi.org/10.5194/bg-11-3603-2014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Surma jälgedes

Rendell, Ruth 2018 https://www.ester.ee/record=b4761648*est https://www.ester.ee/record=b4761652*est

Swell hindcast statistics for the Baltic Sea

Björkqvist, Jan-Victor; Pärt, Siim; **Alari, Victor**; **Rikka, Sander** Ocean Science 2021 / p. 1815–1829 <https://doi.org/10.5194/os-17-1815-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sügiskuud on sageli suvised

Kallis, Ain Maaleht 2018 / lk. 52 <https://maaleht.delfi.ee/artikkel/83714857/ain-kallis-sugiskuud-on-sageli-suvised>

Sünnipäevailm läbi sajandi

Kallis, Ain Maaleht 2018 / lk. 48 <https://maaleht.delfi.ee/artikkel/81196347/sunnipaevailm-labi-sajandi>

Synoptic scale assessment of oxygen depletion in the Gulf of Finland

Liblik, Taavi; Stoicescu, Stella-Theresa; Laanemets, Jaan; Samlas, Oliver; Kuprijanov, Ivan; Buschmann, Fred; **Lips, Urmas** Abstracts : [BSSC 2019] 2019 / p. 207 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Synthesis of bioactive silver nanoparticles by a Pseudomonas strain associated with the Antarctic Psychrophilic Protozoon Euplotes focardii

John, Maria Sindhura; Nagoth, Joseph Amruthraj; **Ramasamy, Kesava Priyan**; Mancini, Alessio Marine drugs 2020 / art. 38, 13 p. : ill <https://doi.org/10.3390/md18010038>

A synthesis of marine monitoring methods with the potential to enhance the status assessment of the Baltic Sea

Mack, Leoni; Attila, Jenni; Aylagas, Eva; Beermann, Arne; Borja, Angel; Hering, Daniel; Kahlert, Maria; Leese, Florian; **Lips, Urmas** Frontiers in marine science 2020 / 16 p <https://doi.org/10.3389/fmars.2020.552047> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tallinna tehnikaülikool uurib Liivi lahe hapnikupuuduse tagamaid

parnu.postimees.ee 2023 [Tallinna tehnikaülikool uurib Liivi lahe hapnikupuuduse tagamaid](#)

TalTechi teadlased lõid operatiivse õlireostuse ja ujuvate objektide triivisüsteemi prototüübi

keskkonnatehnika.ee 2023 [TalTechi teadlased lõid operatiivse õlireostuse ja ujuvate objektide triivisüsteemi prototüübi](#)

Talv on katnud ligi veerandi Läänemere jääga = Площадь ледового покрова в Балтийском море достигает 80 000

квдратных километров

Grepp, T. err.ee 2024 [Talv on katnud ligi veerandi Läänemerest jääga](#) Площадь ледового покрова в Балтийском море достигает 80 000 квадратных километров

Tarmo Soomere - kirglik teadlane ja madala valulävega kodanik

Keevallik, Sirje Sirp 2017 / lk. 22-23 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/tarmo-soomere-kirglik-teadlane-ja-madala-valulavega-kodanik/>

Teaduspurjekas tuleb Suvel Eestisse

Sildever, Sirje Horisont 2023 / lk. 4 : fot https://www.ester.ee/record=b1072243*est

Teeme kiiresti - aeg jookseb

Kõuts, Tarmo Sinine, must ja valge meri 2018 / lk. 26-28 http://www.ester.ee/record=b4907655*est

Tehisintellekt ennustab ilma ja mereveetaset. TalTechi professor: paljulubavalt võimekas

Kald, Indrek; Männik, Aarne ituudised.ee 2024 [Tehisintellekt ennustab ilma ja mereveetaset. TalTechi professor: paljulubavalt võimekas](#)

Tehnikaülikooli teadlased näevad soojusenergia allikana Läänemerd

Elektrala 2024 / lk. 9 : fot https://www.ester.ee/record=b1240496*est

Tehnikaülikooli teadlased: Tallinna lahest saaks energiat ammutada soojuspumpadega, aga sellega kaasneb mitu probleemi

rohe.geenius.ee novaator.err.ee 2024 [Tehnikaülikooli teadlased: Tallinna lahest saaks energiat ammutada soojuspumpadega, aga sellega kaasneb mitu probleemi Eesti teadlased soovivad tube kütta Läänemerest välja pumbatava soojustega Läänemeri võib tulevikus kodud soojaks kütta](#)

Tehnikaülikooli teadlaste uus meetod aitab täpsustada rannikumere prognoosimudeleid [Võrguväljaanne]

novaator.err.ee 2020 / fot [Tehnikaülikooli teadlaste uus meetod aitab täpsustada rannikumere prognoosimudeleid](#)

Temperature optima of a natural diatom population increases as global warming proceeds

Hattich, G. S. I.; Jokinen, S.; Sildever, Sirje; Gareis, M.; Heikkinen, J.; Junghardt, N.; Segovia, M.; Machado, M.; Sjöqvist, C. Nature climate change 2024 <https://doi.org/10.1038/s41558-024-01981-9>

Testing marine data assimilation in the northeastern Baltic using satellite SST products from the Copernicus Marine Environment Monitoring Service

Zujev, Mihhail; Elken, Jüri Proceedings of the Estonian Academy of Sciences 2018 / p. 217-230 : ill <https://doi.org/10.3176/proc.2018.3.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Baltic Sea Model Intercomparison Project (BMIP) - a platform for model development, evaluation, and uncertainty assessment

Gröger, Matthias; Placke, Manja; Meier, H. E. Markus; Börgel, Florian; Brunnabend, Sandra-Esther; Dutheil, Cyril; Gräwe, Ulf; Hieronymus, Magnus; Neumann, Thomas; Väli, Germo Geoscientific model development 2022 / p. 8613-8638 <https://doi.org/10.5194/gmd-15-8613-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The first overview of the microplastic pollution in the Estonian waters in the Gulf of Finland, Baltic Sea

Lips, Inga; Lind, Kati Abstracts : [BSSC 2019] 2019 / p. 293 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

The hydrographic conditions in the Gulf of Finland in 2014 base on extensive joint monitoring

Myrberg, Kai; Lips, Urmas; Korneev, Oleg; Raateoja, Mika; Alenius, Pekka; Bruun, Jan-Erik 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 234 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

The importance of Mesodinium rubrum at post-spring bloom nutrient and phytoplankton dynamics in the vertically stratified Baltic Sea

Lips, Inga; Lips, Urmas Frontiers in marine science 2017 / art. 407, p. 1-16 : ill <https://doi.org/10.3389/fmars.2017.00407> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The influence of the Major Baltic Inflows on the sub-halocline pH variability

Lainela, Silvie Abstracts : [BSSC 2019] 2019 / p. 206 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

The seagrass holobiont and its microbiome

Ugarelli, Kelly; Chakrabarti, Seemanti; Laas, Peeter; Stingl, Ulrich Microorganisms 2017 / art. 81, 28 p. : ill <https://doi.org/10.3390/microorganisms5040081>

The transformation and run-up of long breaking solitary waves of various polarities on a sloping beach

Rodin, Artem; Didenkulova, Irina; Pelinovsky, Efim 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 204 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Toasoe mereveest? Tallinnas saaks mere abil soojust toota peaaegu aasta läbi

roheportaal.delfi.ee 2024 [Toasoe mereveest? Tallinnas saaks mere abil soojust toota peaaegu aasta läbi](#)

Tolm võib tappa sadu inimesi

Kallis, Ain Maaleht 2018 / lk. 52 <https://maaleht.delfi.ee/artikkel/82044381/tolm-voib-tappa-sadu-inimesi>

Toward unified pH of saline solutions

Lainela, Silvie; Leito, Ivo; Heering, Agnes; Capitaine, Gaele; Anes, Barbara; Camões, Filomena; Stoica, Daniela Water 2021 / art. 2522 <https://doi.org/10.3390/w13182522> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards a healthier Gulf of Finland – results of the International Gulf of Finland Year 2014

Myrberg, Kai; **Lips, Urmas;** Orlova, Marina Journal of marine systems 2017 / p. 1-3 <https://doi.org/10.1016/j.jmarsys.2017.03.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Toxic HAB species from the Sea of Okhotsk detected by a metagenetic approach, seasonality and environmental drivers

Sildever, Sirje; Kawakami, Yoko; Kanno, Nanako Harmful Algae 2019 / art. 101631, 12 p. : ill <https://doi.org/10.1016/j.hal.2019.101631>

Transnational FerryBox monitoring in the Baltic Sea : common measures for quality assurance

Seppälä, Jukka; Maunula, Petri; Haavisto, Noora; Rehder, Gregor; Karlson, Bengt; Willstrand Wranne, Anna; **Lips, Urmas; Kikas, Villu;** Jaanus, Andres; London. Lauri; Laakso, Lauri IEEE International Workshop on Metrology for the Sea ; Learning to Measure Sea Health Parameters (MetroSea) 2021 / p. 121-125 <https://doi.org/10.1109/MetroSea52177.2021.9611608>

Tritis ir vandens stabilus izotopai baltijos juroje 2016-2017 metais

Mažeika, Jonas; Petrošius, Rimantas; Skuratovič, Žana; Jefanova, Olga; Paškauskas, Ričardas; **Martma, Tõnu; Liblik, Taavi;** Ezhova, Elena 12-oji nacionalinė jūros mokslų ir technologijų konferencija : Jūros ir krantų tyrimai 2019, 2019 gegužės 9–10d., Klaipėda 2019 / p. 125-128 http://apc.ku.lt/krantai2019/wp-content/uploads/2019/05/knygele_maketas_2019_20180426.pdf

A trophic cascade facilitates native habitat providers within assemblages of multiple invasive marine species

Liversage, Kiran; Kotta, Jonne; **Kuprijanov, Ivan;** Rätsep, Margus; Nõomaa, K. Ecosphere 2021 / p. 1-13 : ill <https://doi.org/10.1002/ecs2.3621> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tsunami run-up on a plane beach in a tidal environment

Didenkulova, Irina; Pelinovsky, Efim Pure and applied geophysics 2020 / p. 1583-1593 : ill <https://doi.org/10.1007/s00024-019-02332-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tsunami wave run-up on a vertical wall in tidal environment

Didenkulova, Irina; Pelinovsky, Efim Pure and applied geophysics 2018 / p. 1387-1391 <https://doi.org/10.1007/s00024-017-1744-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tõsi mis tõsi - jaanilaupäeval on Eestis oodata 63 kraadist õhusooja!

Kallis, Ain Maaleht 2017 / lk. 44 <https://maaleht.delfi.ee/artikkel/78627596/tosi-mis-tosi-jaanilaupaeval-on-eestis-oodata-63kraadist-ohusooja>

Tõsieludraamadest maanteedel

Kallis, Ain Maaleht 2018 / lk. 52

Täna tähistatakse Läänemere päeva

Bioneer.ee 2024 [Täna tähistatakse Läänemere päeva](#)

Tänavu on tõesti punase kuke aasta

Kallis, Ain Maaleht 2017 / lk. 52 <https://maaleht.delfi.ee/artikkel/80247358/tanavu-on-toesti-punase-kuke-aasta>

Tänavu võiks sajurekordeid tähistada

Kallis, Ain Maaleht 2017 / lk. 44 <https://maaleht.delfi.ee/artikkel/78902066/tanavu-voiks-sajurekordeid-tahistada>

Tänavused tähtsad ilmaelu juubelid

Kallis, Ain Maaleht 2017 / lk. 64 <https://maaleht.delfi.ee/artikkel/79724506/tanavused-tahtsad-ilmaelu-juubelid>

Täpsemad mereandmed aitavad võidelda kõrgete elektrihindadega [Võrguväljaanne]

Lagemaa, Priidik novaator.err.ee 2022 [Täpsemad mereandmed aitavad võidelda kõrgete elektrihindadega](#)

Uncertainty and consistency assessment in multiple microplastic observation datasets in the Baltic Sea

She, Jun; **Buhhalko, Natalja**; **Lind, Kati**; **Mishra, Arun**; **Kikas, Villu**; Costa, Elisa; Gambardella, Chiara; Montarsolo, Alessio; Faimali, Marco *Frontiers in marine science* 2022 / art. 886357 <https://doi.org/10.3389/fmars.2022.886357> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uncertainty estimation for operational ocean forecast products—a multi-model ensemble for the North Sea and the Baltic Sea

Golbeck, Inga; Li, Xin; Janssen, Frank; Brüning, Thorger; Nielsen, Jacob W.; Huess, Vibeke; Söderkvist, Johan; Büchmann, Bjarne; Siiriä, Simo-Matti; Vähä-Piikkiö, Olga; Hackett, Bruce; **Lagemaa, Priidik** *Ocean Dynamics* 2015 / p. 1603 - 1631 <https://doi.org/10.1007/s10236-015-0897-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Unraveling ocean dynamics with glider profiling and ship-based microstructure observations in the Slupsk Furrow

Bulczak, Anna Izabela; Rak, Daniel; **Salm, Kai**; **Liblik, Taavi**; **Lips, Urmas** *New challenges for Baltic Sea Earth System research : conference proceedings* 2024 / p. 138 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf

Updated tide gauge records for specifying mean sea level estimates along the Estonian coast

Kollo, Karin; **Ellmann, Artu**; **Kõuts, Tarmo**; **Vahter, Kaimo** *Geophysical research abstracts* 2019 / p. EGU2019-15931 <https://meetingorganizer.copernicus.org/EGU2019/EGU2019-15931.pdf>

Upwelling characteristics in the Gulf of Riga (Baltic Sea) : multiple data source approach

Skudra, Maris; **Väli, Germa**; Ikauniece, Anda; Papirtis, Miks *Frontiers in marine science* 2023 / art. 1244643 <https://doi.org/10.3389/fmars.2023.1244643> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Upwelling parameters from bias-corrected composite satellite SST Maps in the Gulf of Finland (Baltic Sea)

Uiboupin, Rivo; **Laanemets, Jaan** *IEEE Geoscience and Remote Sensing Letters* 2015 / p. 592-596 <https://doi.org/10.1109/LGRS.2014.2352397> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Upwelling related dynamics from bias-corrected satellite SST maps in the Gulf of Finland

Uiboupin, Rivo; **Laanemets, Jaan** *10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book* 2015 / p. 164 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

USAd tabas äsja tõeline ilmapomm

Kallis, Ain *Maaleht* 2018 / lk. 44 <https://maaleht.delfi.ee/artikkel/80815385/usad-tabas-asja-toeline-ilmapomm>

Using model-based sub-regional EOF patterns to reconstruct temperature and salinity fields from observations [Online resource]

Elken, Jüri; **Zujev, Mihail** *2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings* 2018 / p. 18-19 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Ustavussidemed

Vigan, Delphine de 2018 https://www.ester.ee/record=b5156520*est https://www.ester.ee/record=b5156521*est

Uudne nutikas poi aitab uurida merejää ja lainetuse vastasmõju

Alari, Victor *Horisont* 2023 / lk. 24-28 : fot https://www.ester.ee/record=b1072243*est

Uued lühiballetid ja rännak ajalukku

Keevallik, Sirje *Sirp* 2025 / lk. 17 : fot <https://www.sirp.ee/uued-luhiballetid-ja-rannak-ajalukku/>

Uuring: magevee sisaldus Läänemeres kui kliimamuutuste indikaator

visionest.institute 2023 [Uuring: magevee sisaldus Läänemeres kui kliimamuutuste indikaator](#)

Uus mudel aitab Soome lahes mikroplasti teekonda kaardistada

novaator.err.ee 2025 <https://novaator.err.ee/1609673708/uus-mudel-aitab-soome-lahes-mikroplasti-teekonda-kaardistada>

Uus mudel näitab mikroplasti teekonda meres

Imeline Teadus 2025 / lk. 19 : fot https://www.ester.ee/record=b2747925*est

Validating WAM, SWAN and WAVEWATCH III in the Helsinki archipelago

Björkqvist, Jan-Victor; Vähä-Piikkiö, Olga; **Alari, Victor**; Kuznetsova, Alexandra; Tuomi, Laura *Abstracts : [BSSC 2019] 2019* / p. 135 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

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>

Validation of sentinel-3 coastal altimetry data on the Baltic Sea and Estonian lakes

Liibus, Aive; Kall, Tarmo; Rikka, Sander; Uiboupin, Rivo 12th Coastal Altimetry Workshop : Coastal Altimetry Training Course, 4-7 February, 2020 : European Space Agency ESRI, Frascati, Italy : abstracts 2020 / p. 39-40
<https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/ae128dad984c40168397660cc8d0ede7>

Value for money : a cost-effectiveness analysis of microplastic analytics in seawater

Meyers, Nelle; Kopke, Kathrin; Buhhalko, Natalja; Mattsson, Karin; Janssen, Colin R.; Everaert, Gert; De Witte, Bavo Microplastics and nanoplastics 2024 / art. 4 <https://doi.org/10.1186/s43591-024-00081-x>

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

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

Variability in the water footprint of arable crop production across European regions

Gobin, Anne; Kersebaum, Kurt Christian; Eitzinger, Josef; Trnka, Miroslav; Saue, Triin Water 2017 / art. 93, p. 1-22 : ill <https://doi.org/10.3390/w9020093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Variability of 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 low-frequency currents in the Gulf of Finland

Lilover, Madis-Jaak; Elken, Jüri 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 54 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Variability of marine heatwaves' characteristics and assessment of their potential drivers in the Baltic Sea over the last 42 years

Bashiri, Behzad; Barzandeh, Amirhossein; Männik, Aarne; Raudsepp, Urmas Scientific reports 2024 / art. 22419 <https://doi.org/10.1038/s41598-024-74173-2>

Variability of optical parameters during upwelling and downwelling events – a study along NW coast of Estonia (Baltic Sea)

Arikas, Age; Uiboupin, Rivo; Sipelgas, Liis 2019 European Space Agency Living Planet Symposium 2019 / [1] p <https://lps19.esa.int>

Variability of pycnoclines in a three-layer, large estuary : the Gulf of Finland

Liblik, Taavi; Lips, Urmas Boreal environment research 2017 / p. 27-47 : ill <https://www.borenav.net/BER/archive/pdfs/ber22/ber22-027-047-Liblik.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Water circulation in gulf type regions of freshwater influence - the Gulf of Finland and Gulf of Riga = Vee tsirkulatsioon poolsuletud magevee mõjualas - Soome lahes ja Liivi lahes

Maljutenko, Ilja 2019 <https://digi.lib.ttu.ee/i/?12438>

Water column microbial communities vary along salinity gradients in the Florida Coastal Everglades Wetlands

Laas, Peeter; Ugarelli, Kelly; Travieso, Rafael Microorganisms 2022 / art. 215 <https://doi.org/10.3390/microorganisms10020215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Water exchange between the Baltic Sea Proper and the Åland Sea

Alenius, Pekka; Tikka, Kimmo; Tuomi, Laura; Lips, Urmas Abstracts : [BSSC 2019] 2019 / p. 170 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Water limitations on potato yield in Estonia assessed by crop modelling

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

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

Sipelgas, Liis; Uiboupin, Rivo; Arikas, Age; Siitam, Laura Marine pollution bulletin 2018 / p. 565-574 : ill

<https://doi.org/10.1016/j.marpolbul.2017.09.058> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wave density spectra estimation with LSTM from Sentinel-1 SAR in the Baltic Sea

Rikka, Sander; Nõmm, Sven; Alari, Victor; Simon, Martin; Björkqvist, Jan-Victor 2024 IEEE/OES Thirteenth Current, Waves and Turbulence Measurement (CWTM), 18-20 March 2024 2024 / 5 p. : ill <https://doi.org/10.1109/CWTM61020.2024.10526344> [Article at Scopus](#)

Wave dynamics in the channels of variable cross-section

Pelinovsky, Efim; **Didenkulova, Irina;** Shurgalina, Ekaterina Physical oceanography 2017 / p. 19-27 : ill

<http://dx.doi.org/10.22449/1573-160X-2017-3-19-27>

Wave energy potential in the seasonally ice-covered Baltic Sea based on a long-term hindcast

Alari, Victor; Björkqvist, Jan-Victor; Pärn, Ove 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book : 12–15 June 2018 Klaipėda, Lithuania 2018 / p. 11 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

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](#)

Vee kvaliteet [Võrguteavik] : Escherichia coli ja coli-laadsete bakterite loendamise. Osa 1, Membraanfiltreerimise meetod madala bakteriaalse fooniga veele = Water quality : enumeration of Escherichia coli and coliform bacteria. Part 1, Membrane filtration method for waters with low bacterial background flora (ISO 9308-1:2014+ISO 9308-1:2014/Amd 1:2016)

2017 https://www.ester.ee/record=b4652098*est

Viinakuud on vilud, vesised, vembukad

Kallis, Ain Maaleht 2018 / lk. 64 <https://maaleht.delfi.ee/artikkel/83886129/viinakuud-on-vilud-vesised-vembukad>

Villu Astok - mereteadlane, kes uuris hoovuseid ja muudki

Elken, Jüri Eesti Geograafia Seltsi aastaraamat = Yearbook of the Estonian Geographical Society. 42. kd 2017 / lk. 245-248 https://www.ester.ee/record=b1237665*est

Wind-controlled transport of saltwater in the Southeastern Baltic Sea : a model study

Zhubas, Victor; **Väli, Germa** Frontiers in marine science 2022 / art. 835656 <https://doi.org/10.3389/fmars.2022.835656> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wind-driven residual circulation and related oxygen and nutrient dynamics in the Gulf of Finland (Baltic Sea) in winter

Lips, Urmas; Laanemets, Jaan; Lips, Inga; Liblik, Taavi; Suhhova, Irina; Suursaar, Ülo Estuarine, coastal and shelf science 2017 / p. 4-15 : ill <https://doi.org/10.1016/j.ecss.2016.10.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wind-driven stratification patterns and dissolved oxygen depletion off the Changjiang (Yangtze) Estuary

Liblik, Taavi; Wu, Yijing; Fan, Daidu; Shang, Dinghui Biogeosciences 2020 / p. 2875–2895 : ill <https://doi.org/10.5194/bg-17-2875-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wind-driven variability of pycnoclines in the Gulf of Finland

Liblik, Taavi; Lips, Urmas 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 93 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

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

Služenikina, Jekaterina; **Keevallik, Sirje** International Journal of Remote Sensing 2016 / p. 5731 - 5747

<https://doi.org/10.1080/01431161.2013.796098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Winter re-stratification events and their consequences in the NE Baltic Sea

Liblik, Taavi; Väli, Germa; Künnis-Beres, Kai; Lilover, Madis-Jaak; Lips, Inga Abstracts : [BSSC 2019] 2019 / p. 208 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Wintertime reversals of estuarine circulation and related changes in oxygen and nutrient conditions in the Gulf of Finland

Lips, Urmas; Laanemets, Jaan; Elken, Jüri; Lips, Inga; Liblik, Taavi; Raudsepp, Urmas; Suhhova, Irina; Buschmann, Fred; Suursaar, Ülo 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 94 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Väike prints

Saint-Exupéry, Antoine de 2019 https://www.ester.ee/record=b5185086*est

Väike prints

Saint-Exupéry, Antoine de 2017 https://www.ester.ee/record=b4647154*est

Õlireostuse suhtes tundlikku Läänemerd saab nüüd paremini kaitsta

Imeline Teadus 2025 / lk. 18 : fot https://www.ester.ee/record=b2747925*est

Äriühingu õigusvõime lõppemise viisid ja neile eelnevad toimingud

Güldenkov, Maret raamatupidaja.ee 2022 <https://www.raamatupidaja.ee/uudised/2022/01/10/ariuhingu-oigusvoime-loppemise-viisid-ja-neile-eelnevad-toimingud>

Üks talv lõppes, teine kestab veel

Kallis, Ain Maaleht 2018 / lk. 52 <https://maaleht.delfi.ee/artikkel/81359943/uks-talv-loppes-teine-kestab-veel>

А вы знали, что в Балтийском море уже есть мертвые зоны, жизнь в которых практически исчезла?

rus.delfi.ee 2023 [А вы знали, что в Балтийском море уже есть мертвые зоны, жизнь в которых практически исчезла?](#)

Безотражательное распространение волн в сильно неоднородных средах

Pelinovsky, Efim; Shurgalina, Ekaterina; **Didenkulova, Irina** Неравновесные процессы в сплошных средах : материалы международного симпозиума. Том 2 2017 / с. 131-135

В Балтийском море начался редкий приток соленой воды

Piir, Rait rus.err.ee 2023 [В Балтийском море начался редкий приток соленой воды](#)

Динамика волн в каналах переменного сечения

Pelinovsky, Efim; **Didenkulova, Irina**; Shurgalina, Ekaterina Морской гидрофизический журнал 2017 / с. 22-31

Иван Куприянов: повреждение газопровода "Северный поток" вредит экологии Балтийского моря [Online resource]

Kuprijanov, Ivan rus.err.ee 2022 [Иван Куприянов: повреждение газопровода "Северный поток" вредит экологии Балтийского моря](#)

Изучение статистики наката случайных волн на берег на основе прямого численного моделирования

Senitšev, Dmitri; **Didenkulova, Irina**; Dutykh, Denys Сборник трудов : XXIII Международной научно-технической конференции : «Информационные системы и технологии» : ИСТ-2017 2017 / с. 1001-1006

Микромусор в море: убрать невозможно, пресечь приток — реально

Lepassalu, Virkko Stolitsa.ee 2023 [Микромусор в море: убрать невозможно, пресечь приток — реально](#)

Накат волны цунами на вертикальную стенку в присутствии прилива

Didenkulova, Irina; Pelinovsky, Efim Сборник трудов : XXIII Международной научно-технической конференции : «Информационные системы и технологии» : ИСТ-2017 2017 / с. 911-915

Накат длинных волн на берег в бухте параболического сечения

Didenkulov, Oleg; **Didenkulova, Irina**; Pelinovsky, Efim Сборник трудов : XXIII Международной научно-технической конференции : «Информационные системы и технологии» : ИСТ-2017 2017 / с. 905-910

Накат нелинейной монохроматической волны на плоский откос в присутствии прилива

Didenkulova, Irina; Pelinovsky, Efim Океанология 2019 / с. 529–532 : ил <https://doi.org/10.31857/S0030-1574594529-532>

Научный сотрудник ТТУ пояснил, почему в Финском заливе в жару бывает экстремально холодная вода

rus.delfi.ee 2024 [Научный сотрудник ТТУ пояснил, почему в Финском заливе в жару бывает экстремально холодная вода](#)

Основы методики учета водного фактора по количественным и качественным характеристиками при развитии и размещении производительных сил

Kask, Andres Научная конференция географов и экономистов Прибалтики по теме "Концепции развития и размещения производительных сил Прибалтийских союзных республик". 1973 / с. 26-31 https://www.ester.ee/record=b1425886*est

Сравнение дисперсионной и бездисперсионной моделей наката длинных волн на берег

Abdalazeez, Ahmed; **Didenkulova, Irina**; Dutykh, Denys; Denissenko, Petr Известия РАН. Физика атмосферы и океана 2020 / с. 567-574 <https://doi.org/10.31857/S0002351520050028>

Температура морской воды в сентябре самая теплая за последние 30 лет

rus.postimees.ee 2024 [Температура морской воды в сентябре самая теплая за последние 30 лет](#)

Экологи: каждый может внести вклад в очистку моря от мусора

Stolitsa.ee 2023 [Экологи: каждый может внести вклад в очистку моря от мусора](#)

Экстремальная ситуация: у побережья Эстонии возникли морские тепловые волны

Uiboupin, Rivo rus.postimees.ee 2024 [Экстремальная ситуация: у побережья Эстонии возникли морские тепловые волны](#)