

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

Airborne laser scanning validation of marine geoid models [Online resource]

Ellmann, Artur; Julge, Kalev; Gruno, Anti; Liibus, Aive 1st Joint Commission 2 and IGFS Meeting International Symposium on Gravity, Geoid and Height Systems 2016 : September 19-23, 2016, Thessaloniki, Greece : program 2016 / [1] p <http://gghs2016.com/presentation-info/?presentation=728>

Analysis of sulfur mustard hydrolysis and oxidation products in seawater and sediments by capillary electrophoresis

Lees, Heidi; Jõul, Piia; Vaher, Merike; Kuhtinskaja, Maria; Kaljurand, Mihkel Science for the Environment 2015 : Aarhus, Denmark, 1-2 October : [abstracts] 2015 / [1] p <http://dce-conference.au.dk/abstracts/>

Application of a hydrodynamic model to long-term monitoring data : exploring transport pathways to identify the source of high toxicity populations of *Dinophysis fortii* in aquaculture sites in northern Japan

Miyazono, Akira; Kuribayashi, Takanori; Hada, Yasufumi; Asakura, Ken; Kobayashi, Kazuma; Mizuno, Katsuhiko; Lum, Wai Mun; **Sildever, Sirje;** Kuroda, Hiroshi; Nagai, Satoshi Harmful Algae 2025 / art. 102976 <https://doi.org/10.1016/j.hal.2025.102976>

Application of remote sensing methods for the investigation of spatio-temporal variability of sea surface temperature and chlorophyll fields in the Gulf of Finland = Kaugseire rakendused merepinna temperatuuri ja klorofüllil väljade ajalis-ruumilise muutlikkuse uurimiseks Soome lahes

Uiboupin, Rivo 2013 https://www.ester.ee/record=b2909640*est

Application of the HIDRA2 deep-learning model for sea level forecasting along the Estonian coast of the Baltic Sea

Barzandeh, Amirhossein; Licer, Matjaz; Rus, Marko; Kristan, Matej; **Maljutenko, Ilja; Elken, Juri; Lagemaa, Priidik; Uiboupin, Rivo** Ocean Science 2025 / p. 1315-1327 <https://doi.org/10.5194/os-21-1315-2025>

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-abstract-book.pdf

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

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](#)

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 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>

Baltic Sea water tritium and stable isotopes in 2016-2017

Jefanova, Olga; Mažeika, Jonas; Petrošius, Rimantas; Skuratovič, Žana; Paškauskas, Ričardas; **Martma, Tõnu; Liblik, Taavi;** Ezhova, Elena Isotopes in environmental and health studies 2020 / p. 193-204 <https://doi.org/10.1080/10256016.2020.1715969> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Baltic Sea's eastern coast may face more frequent flooding in future

news.err.ee 2025 <https://news.err.ee/1609649489/baltic-sea-s-eastern-coast-may-face-more-frequent-flooding-in-future>

Basin-wide variations in trends in water level maxima in the Baltic Sea

Pindsoo, Katri; Soomere, Tarmo Continental shelf research 2020 / art. 104029 ; 12 p <https://doi.org/10.1016/j.csr.2019.104029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biological parameters : micro-organisms

Saava, Astrid Assessment of the effects of pollution on the natural resources of the Baltic Sea, 1980 1981 / p. 265-295
https://www.ester.ee/record=b1359400*est

Blockage of saline intrusions in restricted, two-layer exchange flows across a submerged sill obstruction

Cuthbertson, Alan; **Laanearu, Janek**; Carr, Magda; Sommeria, Joel; Viboud, Samuel Environmental fluid mechanics 2018 / p. 27-57
: ill <https://doi.org/10.1007/s10652-017-9523-2> [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 of transverse jets in coastal upwellings from a Lagrangian transport perspective

Delpeche-Ellmann, Nicole Camille; **Soomere, Tarmo** 55th International Liège Colloquium on Ocean Dynamics: Ocean Extremes: Liège, Belgium, 27-31 May 2024 2024 / 1 poster <https://gher-uliege.github.io/liege-colloquium-2024/>

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](#)

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

Channel maintenance planning in Estonia

Utso, Maarius; **Zaitseva-Pärnaste, Inga**; **Parnell, Kevin Ellis** Journal of coastal research 2024 / p. 95–99
<https://doi.org/10.2112/JCR-SI113-019.1>

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 and variability of the vertical thermohaline structure in the Gulf of Finland in summer

Liblik, Taavi; **Lips, Urmas** Boreal environment research 2011 / p. 73-83 : ill

Characteristics of sub-surface chlorophyll maxima observed in the Gulf of Finland in July 2006

Kuvaldina, Natalja; **Lips, Urmas**; **Lips, Inga**; **Liblik, Taavi** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 29

Characterization of Baltic Sea dissolved organic matter as oil shale precursor by separation and fractionation by adsorption chromatographic XAD method, and size exclusion chromatography

Lepane, Viia Oil shale 2001 / 3, p. 239-257 https://artiklid.elnet.ee/record=b1007834*est

Climate change and coastal processes in the Baltic Sea

Soomere, Tarmo Oxford Research Encyclopedia of Climate Science Oxford 2024
<https://doi.org/10.1093/acrefore/9780190228620.013.897>

Coastal flooding : Joint probability of extreme water levels and waves along the Baltic Sea coast

Kudryavtseva, Nadezhda; **Räämet, Andrus**; **Soomere, Tarmo** 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. 70-71 : ill ["proceedings"](#)

Comparative determination of microelements in Baltic seawater and brown algae samples by atomic absorption spectrometric and inductively coupled plasma methods

Truus, Kalle; **Viitak, Anu**; **Vaher, Merike**; **Muinasmaa, Urmas**; **Paasrand, Keddy**; Tuvikene, Rando; **Levandi, Tuuli** Proceedings of the Estonian Academy of Sciences. Chemistry 2007 / 3, p. 122-133 : ill

Comparisation of XAD resins for the isolation of humic substances from seawater

Lepane, Viia Journal of chromatography A 1999 / p. 329-335: ill

Comparison of XAD resins for the isolation of seawater humic substances

Lepane, Viia 22nd International Symposium on Chromatography : ISC'98 : Roma, September 13-18, 1998 : book of abstracts 1998 / p. 121

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 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>

Compressibility of surface flows under the combined effect of currents and winds

Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 47 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Contribution of atmospheric teleconnections in regional wave climate variability based on EOF application : Baltic Sea case

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo American Geophysical Union, Fall Meeting 2020 2020 / abstract <https://ui.adsabs.harvard.edu/#abs/2020AGUFMOS0470002N/abstract>

Corrigendum: Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea) [Front. Mar. Sci., 6, (2019), (54)] doi: 10.3389/fmars.2019.00054

Stoicescu, Stella-Theresa; Lips, Urmas; Liblik, Taavi *Frontiers in Marine Science* 2019 / Art. 233
<https://doi.org/10.3389/fmars.2019.00233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Dark nutrient uptake at low temperature and subsequent light use efficiency by the dinoflagellate *Heterocapsa triquetra* Ojamäe, Karin; Peterson, Anneliis; Lips, Inga *Marine biology research* 2016 / p. 978-985 : ill

<https://doi.org/10.1080/17451000.2016.1216570> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determining the Accuracy of Sentinel-3A and Sentinel-6 Satellite Altimetry Data in the Gulf of Finland using a synergy of data : [poster presentation]

Heinoja, Lenne-Liisa; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu The Gulf of Finland Science Days 2021 "New start for the Gulf of Finland co-operation" : Estonian Academy of Sciences, Tallinn, 29-30 November 2021 : abstracts 2021 / p. 45
<https://www.gulfoffinland.fi>

Development of an analysis method for the determination of sulfur mustard hydrolysis and oxidation products in seawater by a portable capillary electrophoresis instrument

Jõul, Piia; Kuhtinskaja, Maria; Kaljurand, Mihkel ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. P-53

Differences in stationary and nonstationary analysis of water level extremes in Latvian waters, Baltic Sea, during 1961-2018

Männikus, Rain; Kudryavtseva, Nadezhda; Soomere, Tarmo 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.74-75 : ill ["proceedings"](#)

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"](#)

Dynamics of dense gravity currents and mixing in an up-sloping and converging vee-shaped channel

Laanearu, Janek; Cuthbertson, Alan; Davies, Peter A. *Journal of hydraulic research* 2014 / p. 67-80 : ill
<https://doi.org/10.1080/00221686.2013.841779> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti teadlane aitas tuvastada merest enneolematu hulga mikroorganisme

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

Eesti teadlased uurivad Läänemere surnud tsoone

Eesti Päevaleht 2020 / Lk. 18 <https://dea.digar.ee/article/eestipaevaleht/2020/10/07/21.1>

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 hinnangul on Fukushima jahutusvee ookeani laskmine ohutu [Võrguväljaanne]

Kannel, Astrid err.ee 2021 ["Eesti teadlaste hinnangul on Fukushima jahutusvee ookeani laskmine ohutu"](https://www.err.ee/1609722801/eesti-teadlaste-hinnangul-on-fukushima-jahutusvee-ookeani-laskmine-ohutu)

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](#)

Einleitung : Ethologie und Hydraulik – wozu wird das benötigt?

Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 1-9 https://doi.org/10.1007/978-3-658-32824-5_1

Elustav hapnikurikas süvavesi näitab Läänemeres mõju esmaseid märke

Lips, Urmas Horisont 2015 / lk. 14-15 : ill https://artiklid.elnet.ee/record=b2740967*est

Erosion-corrosion of Cr3C2-Ni cermets in salt water

Antonov, Maksim; Stack, Margaret; **Hussainova, Irina** Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 3-1, p. 176-187 : ill

Estimating the wave statistics bias in the partially ice-covered regions of the Baltic Sea

Najafzadeh, Fatemeh; **Kudryavtseva, Nadezhda**; **Giudici, Andrea**; **Soomere, Tarmo** 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. 181-182 : ill [Proceeding](#)

Estonia

Merisaar, Maret The greatest water management challenges in the Baltic Sea region 2023 2023 / p. 38-44 <https://irp.cdn-website.com/53007095>

Estonia's coastal sea temperatures remain highest in 30 years

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

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](#)

An evaluation and innovative coupling of seawater heat pumps in district heating networks

Ali, Hesham; **Hlebnikov, Aleksandr**; Pakere, Ieva; **Volkova, Anna** Energy 2024 / art. 133461 <https://doi.org/10.1016/j.energy.2024.133461> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of a Technical Solution for Seawater District Heating and Cooling Systems

Hlebnikov, Aleksandr; **Ali, Hesham** **Abed Al-Same Jamil**; **Volkova, Anna** 9th International Conference on Smart Energy Systems : Book of Abstracts 2023 / p. 365-366 <https://vbn.aau.dk/en/publications/book-of-abstracts-9th-international-conference-on-smart-energy-sy>

Evaluation of swot sea level data in the coastal areas of the Baltic Sea

Kupavõh, Aleksei; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** 30 years of progress in radar altimetry symposium, Montpellier, France, 2-7. Sept. 2024 : Abstract book 2024 / p. 213, art. 426 <https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/338507f0dac84686b1d40a263ba347c6>

Examining coastal upwellings from a Lagrangian perspective in the Gulf of Finland, Baltic Sea

Delpeche-Ellmann, Nicole Camille; **Mingelaite, Toma**; **Soomere, Tarmo** Geophysical research abstracts 2017 / p. EGU2017-18648 <https://meetingorganizer.copernicus.org/EGU2017/EGU2017-18648.pdf>

Examining Lagrangian surface transport during a coastal upwelling in the Gulf of Finland, Baltic Sea

Delpeche-Ellmann, Nicole Camille; **Mingelaite, Toma**; **Soomere, Tarmo** Journal of marine systems 2017 / p. 21-30 : ill <https://doi.org/10.1016/j.jmarsys.2016.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental studies of internal and near-bed dynamics of restricted exchange flows [Electronic resource]

Carr, Magda; Cuthbertson, Alan; **Laanearu, Janek**; Sommeria, Joel; Kean, Jonathan; **Lilover, Madis-Jaak**; **Kollo, Monika**; Berntsen, Jarle; Thiem, Øyvind; Viboud, Samuel E-proceedings of the 36th IAH World Congress : 28 June - 3 July, 2015, The Hague, the Netherlands 2015 / p. 1-4 : ill

Experimental study on dynamical blocking conditions of net exchange flows

Laanearu, Janek; Cuthbertson, Alan; Carr, Magda; Sommeria, Joel; **Lilover, Madis-Jaak**; Viboud, Samuel; Berntsen, Jarle VIIIth International Symposium on Stratified Flows : San Diego 2016 2016 / p. 1-8 : ill <http://escholarship.org/uc/item/48s7m6h9>

Extreme surface water and seawater levels in the administrative territory of Tallinn

Valdmann, Ain; **Kääd, Arvo** Education and Economy 2007 : materials of international scientific conference 2007 / p. 55-57

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

A first look to Lagrangian coherent structures in the Gulf of Finland as a meanto identify hotspots of surface particle aggregation

Giudici, Andrea; Suara, Kabir Adewale; **Soomere, Tarmo**; Brown, Richard J. 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. 97-98 : ill "[proceedings](#)"

Fluid source and methane-related diagenetic processes recorded in cold seep carbonates from the Alvheim channel, central North Sea

Cremiere, Antoine; **Lepland, Aivo**; Chand, Shyam; **Martma, Tõnu** Chemical geology 2016 / p. 16-33 : ill

<https://doi.org/10.1016/j.chemgeo.2016.03.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Forecasting of absolute dynamic topography using deep learning algorithm with application to the Baltic Sea

Rajabi-Kiasari, Saeed; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Computers & geosciences 2023 / art. 105406, 16 p. : ill <https://doi.org/10.1016/j.cageo.2023.105406> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fourier neural operators for emulating ocean models : Towards a knowledge-driven machine learning

Jahanmard, Vahidreza; **Ellmann, Artu**; **Delpeche-Ellmann, Nicole Camille** EGU General Assembly 2025 2025 / art. EGU25-4354 <https://doi.org/10.5194/egusphere-egu25-4354>

From green to brown: two decades of darkening coastal water in the Gulf of Riga, the Baltic Sea

Aigars, Juris; Suhareva, Natalija; Cepite-Frisfelde, Daiga; Kokorite, Ilga; **lital, Arvo**; Skudra, Maris; Viska, Maija Frontiers in marine science 2024 / art. 1369537 <https://doi.org/10.3389/fmars.2024.1369537> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Suursaar, Ülo; **Elken, Jüri**; Belkin, Igor M. The Handbook of Environmental Chemistry 2022 / p. 1-39

https://doi.org/10.1007/698_2021_813 [Article](#) [Collection metrics at Scopus](#) [Article at Scopus](#)

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, Ryuji Toxins 2023 / art. 318 <https://doi.org/10.3390/toxins15050318> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hematite and goethite in Telychian marine red beds of the East Baltic

Kiipli, Enli; **Kiipli, Tarmo**; Kallaste, Toivo GFF 2000 / p. 281-286

High-performance size exclusion chromatographic characterisation of dissolved organic matter from seawater using fluorescence detection

Lepane, Viia 23rd International Symposium on High Performance Liquid Phase Separations and Related Techniques HPLC'99 : May 30-June 4, 1999, Granada, Spain : book of abstracts. Volume II 1999 / p. PB8/30

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

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

High-resolution view on the subsurface salinity maxima in the Gulf of Riga

Liblik, Taavi; **Skudra, Maris**; **Lips, Urmas** 1st Baltic Earth Conference Multiple Drivers for Earth System Changes in the Baltic Sea Region : Nida, Curonian Spit, Lithuania, 13-17 June 2016 : conference proceedings 2016 / p. 20 : ill http://www.baltic-earth.eu/events/nida2016/material/BalticEarth_Nida2016_Proceedings.pdf

Identification of mechanisms that drive water level extremes from in situ measurements in the Gulf of Riga during 1961-2017

Männikus, Rain; Soomere, Tarmo; Kudryavtseva, Nadezhda Continental shelf research 2019 / p. 22–36

<https://doi.org/10.1016/j.csr.2019.05.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of changes in nutrient inputs to the water quality of the shallow Haapsalu Bay, the Baltic Sea

Ilital, Arvo; Brandt, Nils; Gröndahl, Fredrik; Loigu, Enn; Klõga, Marija Journal of environmental monitoring 2010 / 8, p. 1531-1536 : ill

<https://pubmed.ncbi.nlm.nih.gov/20577689/>

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

Innovative approaches towards sustainable river basin management in the Baltic Sea region : the Waterpraxis project

Klõga, Marija; Filho, Walter Leal; Fischer, Natalie Sustainable water use and management : examples of new approaches and

perspectives 2015 / p. 383-396 : ill https://doi.org/10.1007/978-3-319-12394-3_20 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Integrating satellite altimetry and deep learning for enhanced sea level forecasting

Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu EGU General Assembly 2025 2025 / art. EGU25-9951

<https://meetingorganizer.copernicus.org/EGU25/EGU25-9951.html> <https://doi.org/10.5194/egusphere-egu25-9951>

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

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

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; Eliasen,

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 sediment resuspension using combined optical and acoustic methods

Buschmann, Fred; Erm, Ants; Rebane, Jaan; Listak, Madis 1st Baltic Earth Conference Multiple Drivers for Earth System

Changes in the Baltic Sea Region : Nida, Curonian Spit, Lithuania, 13-17 June 2016 : conference proceedings 2016 / p. 111 : ill

http://www.baltic-earth.eu/events/nida2016/material/BalticEarth_Nida2016_Proceedings.pdf

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

Hari, 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](https://doi.org/10.3389/fmars.2024.1340291) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Iterative data assimilation approach for the refinement of marine geoid models using sea surface height and dynamic topography datasets

Varbla, Sander; Ellmann, Artu Journal of geodesy 2023 / art. 24, 22 p. : ill <https://doi.org/10.1007/s00190-023-01711-7> [Journal metrics](#)

[at Scopus](https://doi.org/10.1007/s00190-023-01711-7) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Jäädülm merevesi Põhja-Eesti randades peletab suvitajad : [TTÜ Küberneetika Instiitüüdi teaduri Tarmo Soomere kommentaaridega]

Saluri, Silver; Soomere, Tarmo Postimees 2006 / 10. aug., lk. 6 <https://www.postimees.ee/1567373/jaakulm-merevesi-pohja-eesti-randades-peletab-suvitajad>

[randades-peletab-suvitajad](https://www.postimees.ee/1567373/jaakulm-merevesi-pohja-eesti-randades-peletab-suvitajad)

K&V : Küsimused-vastused : [Miks on merevesi soolane : vastab Andres Marandi]

Marandi, Andres Tarkade Klubi 2010 / 12, lk. 12

Kolm muinaslugu füüsikas

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 359-367 : ill https://www.ester.ee/record=b5521198*est

Kuumalaine Läänemeres: septembri veetemperatuur on viimase 30 aasta kõrgeim

maaleht.delfi.ee 2024 [Kuumalaine Läänemeres: septembri veetemperatuur on viimase 30 aasta kõrgeim](#) [Septembri merevee temperatuur on](#)

[viimase 30 aasta kõige soojem](#)

Külm on Läänemereest juba veerandi jäätteki alla surunud

Raudvere, Rein-Erich maaleht.ee 2024 [Külm on Läänemereest juba veerandi jäätteki alla surunud](#)

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

Suhhova, Irina; Liblik, Taavi; Lilover, 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-

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

Läänemerd pole mõtet mikroplastist puhastada, kuid peame takistama selle juurdevoolu [Võrguväljaanne]

tehnikamaailm.ee 2022 [Läänemerd pole mõtet mikroplastist puhastada, kuid peame takistama selle juurdevoolu](#)

Läänemere idarannik satub tulevikus sagedamini kõrgvete meelevalda

novaator.err.ee 2025 <https://novaator.err.ee/1609649417/laanemere-idarannik-satub-tulevikus-sagedamini-korgvete-meelevalda>

Läänemere vee eksoensümaatilisest aktiivsusest

Pöder, Tõnis; **Künnis, Kai** Kaasaegse ökoloogia probleemid : ökoloogia ja energeetika : Eesti V ökoloogiakonverentsi teesid : Tartu, 24.-26. apr. 1991 = Problems of contemporary ecology : ecology and energetics 1991 / lk. 140-141 https://www.ester.ee/record=b1188990*est

Läänemere veetaseme muutumine - milline on erinevus prognoosimudeli ja altimeetri andmete vahel?

Miller, Kati Meremees. Veeteede Ameti teataja 2017 / lk. 8-9 : fot http://www.ester.ee/record=b4646644*est
https://issuu.com/ajakirimeremees/docs/meremees_2017_4-4._va_teataja_2017_

Läänemeres algas haruldane sooltee sissevool

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

Läänemeri maksab 50 aastat tagasi tehtud rumaluste eest veel pikalt lõivu [Võrguväljaanne]

Velleste, Eget epl.delfi.ee 2021 ["Läänemeri maksab 50 aastat tagasi tehtud rumaluste eest veel pikalt lõivu "](#)

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](#)

Madal veetase häirib raskete sõidukite vedu üle mere

Pärnu Postimees 2021 / Lk. 3 <https://dea.digar.ee/article/parnupostimees/2021/02/10/4.4>

Mere- ja jõevee koostoime dünaamikast Pärnu jõe suudmealal

Laanearu, Janek Keskkonnatehnika 2013 / lk. 10-12 : ill https://artiklid.elnet.ee/record=b2639626*est

Meremudel prognoosib merevee parameetreid : [TTÜ Meresüsteemide Instituudis Priidik Lagemaa poolt kaitstud doktoritöö käigus välja töötatud mereala operatiivmudel]

Aru, Erik Mente et Manu 2012 / lk. 8-9 : fot

Mesoscale physical processes and the related impact on the summer nutrient fields and phytoplankton blooms in the western Gulf of Finland

Pavelson, Juss 2005 https://www.ester.ee/record=b2073510*est

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

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

Paka, Vadim T.; **Zhubas, Victor**; Rudels, Bert; Quädfasel, 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](#)

Millest sõltub väga kõrge ja madal veetase Väinameres?

Männikus, Rain Le.ee 2024 [Millest sõltub väga kõrge ja madal veetase Väinameres?](#)

Mitmekomponendiliste looduslike vete optilised omadused ja veealune valgusväli : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööle

Arst, Helgi Tallinna Tehnikaülikooli aastaraamat 2004 2005 / lk. 186-198

Modelling diclofenac and ibuprofen residues in major Estonian seaside cities

Lember, Erki; Pachel, Karin; Loigu, Enn Journal of water security 2016 / p. 1-7 : ill <http://dx.doi.org/10.15544/jws.2016.002>

Modelling seawater chemistry of the East Baltic Basin in the late Ordovician - early Silurian

Kiipli, Enli 2005 https://www.ester.ee/record=b2096365*est

More room at the top : How small buoys help reveal the detailed dynamics of the air–sea interface

Cavaleri, Luigi; **Alari, Victor**; Benetazzo, Alvise; Björkqvist, Jan-Victor; Breivik, Øyvind; **Davis, Jacob**; Hope, Gaute; Kleven, Atle; **Leirvik, Frode**; Nordam, Tor; **Rikka, Sander** Bulletin of the American Meteorological Society 2025 / p. E1063-E1076
<https://doi.org/10.1175/BAMS-D-24-0120.1>

Multi-sensor in situ observations to resolve the sub-mesoscale features in the stratified Gulf of Finland, Baltic Sea

Lips, Urmas; **Kikas, Villu**; **Liblik, Taavi**; **Lips, Inga** Ocean science 2016 / p. 715-732 : ill <https://doi.org/10.5194/os-12-715-2016>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A multivariate-multistep-ahead forecasting of dynamic topography using convolutional encoder-decoder network in the Baltic Sea

Rajabi Kiasari, Saeed; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 / 1 p <https://doi.org/10.57757/IUGG23-1664>

Nafta ujuvus merevees

Mölder, Leevi Keskkonnatehnika 2006 / 4, lk. 7-8 https://artiklid.elnet.ee/record=b1019235*est

Nemo-Nordic 2.0 : operational marine forecast model for the Baltic Sea

Kämä, 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>

Non-stationarity of sea level extremes caused by abrupt changes in atmospheric circulation in the Gulf of Riga (Baltic Sea)

Kudryavtseva, Nadezhda; **Soomere, Tarmo**; **Männikus, Rain** American Geophysical Union, Fall Meeting 2020 2020 / abstract
<https://ui.adsabs.harvard.edu/abs/2020AGUFMNH0380003K/abstract>

Non-stationary analysis of water level extremes in Latvian waters, Baltic Sea, during 1961-2018

Kudryavtseva, Nadezhda; **Soomere, Tarmo**; **Männikus, Rain** Natural Hazards and Earth System Sciences 2021 / p. 1279-1296 : ill <https://doi.org/10.5194/nhess-21-1279-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A numerical study of circulation in the Gulf of Riga, Baltic Sea. Part II : Mesoscale features and freshwater transport pathways

Lips, Urmas; **Zhubas, Victor**; **Skudra, Maris**; **Väli, Germa** Continental shelf research 2016 / p. 44-52 : ill
<https://doi.org/10.1016/j.csr.2015.12.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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 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

Optical and physical properties of coastal water and their relations to radar (ASAR) data - case study of Muuga Bay in the Gulf of Finland

Sipelgas, Liis; **Raudsepp, Urmas**; **Uiboupin, Rivo** US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 146

Paleoredox changes associated with early silurian extinction events: new geochemical evidence from Baltoscandia

Benayoun, Emily; Young, Seth, A.; **Hints, Olle**; **Martma, Tõnu**; Owens, Jeremy D. Geological Society of America Abstracts with Programs, vol. 51, no. 3 2019 / paper no. 29-2 <http://dx.doi.org/10.1130/abs/2019SE-327066>

Patchiness of the sea surface under the combined effects of winds and currents

Giudici, Andrea; **Soomere, Tarmo**; **Kalda, Jaan** From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-

Perceived multiple stressor effects depend on sample size and stressor gradient length

Mack, Leoni; Fernandez de la Hoz, Camino; Penk, Marcin; Piggott, Jeremy; Crowe, Tasman; Hering, Daniel; Kaijser, Willem; Aroviita, Jukka; Baer, Jan; **Kotta, Jonne** Water research 2022 / art. 119260 <https://doi.org/10.1016/j.watres.2022.119260>

Petrography and geochemistry of seep carbonates from the Barents Sea

Himmler, Tobias; **Martma, Tõnu**; Bünz, Stefan; Panieri, Giuliana; Knies, Jochen; **Lepland, Aivo** 34th IAS Meeting of Sedimentology - Abstract Submission and Conference Registration, 10-13 September 2019, Rome, Italy 2019 / 1 p <https://iasroma2019.exordo.com/programme/presentation/1235>

The potential of SWOT altimetry data for validating the accuracy of marine geoid models in the Baltic Sea

Kupavõh, Aleksei; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille; Varbla, Sander GGHS2024 : Gravity, Geoid and Height Systems : Book of Abstracts 2024 / p. 18-19 <https://www.gghs2024.com/appsfiles/go/boa/Book-of-Abstracts.pdf?v=1725460868>

Properties of in-situ Lagrangian surface drifters and the relationship with Stokes drift in the Baltic Sea

Delpeche-Ellmann, Nicole Camille; Giudici, Andrea Journal of coastal research 2024 / p. 417-421 <https://doi.org/10.2112/JCR-SI113-082.1>

Quality of Estonian coastal waters by underwater optical measurements

Alari, Victor; Erm, Ants; Väli, Germa; Lips, Inga; Lips, Urmas US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 14-15 : ill

Quantification of the impact of wind for optimising fairways in the Gulf of Finland

Viikmäe, Bert; Soomere, Tarmo; Torsvik, Tomas 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. 151 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

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](#)

Rannahooaeg läheneb vankumatu kiirusega – Stroomi ranna külastajatele on algavaks suveks üks hea ja üks halb uudis [Võrguväljaanne]

Pau, Aivar forte.delfi.ee 2021 ["Rannahooaeg läheneb vankumatu kiirusega – Stroomi ranna külastajatele on algavaks suveks üks hea ja üks halb uudis"](#)

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

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

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

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, Mihail; 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, Mihail; 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 Phanerozoic climate using carbonate clumped isotopes and implications for the oxygen isotopic composition of seawater

Thiagarajan, Nivedita; **Lepland, Aivo**; Ryb, Uri; Torsvik, Trond H.; Ainsaar, Leho; Hints, Olle; Eiler, John Proceedings of the National Academy of Sciences of the United States of America 2024 / art. e2400434121 : ill <https://doi.org/10.1073/pnas.2400434121> [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](#)

Response of water temperature to surface wave effects in the Baltic Sea : simulations with the coupled NEMO-WAM model

Alari, Victor; Staneva, Joanna; Breivik, Øyvind Geophysical research abstracts 2016 / p. EGU2016-4363

Salinity dynamics of the Baltic Sea

Lehmann, Andreas; Myrberg, Kai; Post, Piia; Chubarenko, Irina; Dailidienė, Inga; Hinrichsen, Hans-Harald; Hüseyin, Karin; Liblik, Taavi; Lips, Urmas; Meier, H. E. Markus; Bukanova, Tatiana Earth System Dynamics 2022 / p. 373–392 : ill

<https://doi.org/10.5194/esd-13-373-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Satellite altimetry derived dynamic topography using high-resolution geoid model with synergized sealevel data sources

Kupavõh, Aleksei; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu 30 years of progress in radar altimetry symposium, Montpellier, France, 2-7. Sept. 2024 : Abstract book 2024 / p. 184-185, art. 362

<https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/338507f0dac84686b1d40a263ba347c6>

Scientific aspects of the measures for the protection of the Baltic Sea from pollutants and for the improvement of the water quality = Научные аспекты мероприятий по охране Балтийского моря от загрязнений и улучшению качества воды

Velner, Harald-Adam 2nd Soviet-Swedish Symposium on the Pollution of the Baltic : Riga, September 17-24 1973 = 2ой Советско-шведский симпозиум по загрязнению Балтийского моря : Рига, 17-24 сентября 1973 г. 1976 / p. 223-229 : map

https://www.eester.ee/record=b1359412*est

Sea water district cooling feasibility analysis for Tallinn

Hani, Allan; Britikovski, I.; Voll, Hendrik; Kõiv, Teet-Andrus The 12th International Symposium on District Heating and Cooling : September 5th to September 7th, 2010, Tallinn, Estonia 2010 / p. 153-156 : ill

Simulation of mesoscale structures and nutrient transport during summer upwelling events in the Gulf of Finland in 2006

Laanemets, Jaan; Väli, Germa; Zhurbas, Victor; Elken, Jüri; Lips, Inga; Lips, Urmas Boreal environment research 2011 / p. 15-26 : ill

https://www.researchgate.net/publication/244486520_Simulation_of_mesoscale_structures_and_nutrient_transport_during_summer_upwelling_events_in_the_Gulf_of_Finland_in_2006

Simulation of nutrient transport from different depths during an upwelling event in the Gulf of Finland

Väli, Germa; Zhurbas, Victor; Laanemets, Jaan; Elken, Jüri Oceanologia 2011 / p. 431-448 : ill

<https://www.sciencedirect.com/science/article/pii/S0078323411500491>

Some estimates of the Baltic deep-water transport through the Stolpe trench

Borenäs, K.; Hietala, R.; Laanearu, Janek; Lundberg, Peter Tellus series A : dynamic meteorology and oceanography 2007 / 2, p. 238-248 <https://www.tandfonline.com/doi/abs/10.1111/j.1600-0870.2006.00221.x>

Soome lahe soojusenergiat saab kasutada talvel kütmiseks ja suvel jahutamiseks [Võrguväljaanne]

postimees.ee 2022 [Soome lahe soojusenergiat saab kasutada talvel kütmiseks ja suvel jahutamiseks](#)

Soome lahel mõõdeti neljapäeval rekordiline laine kõrgus

Tooming, Marko err.ee 2023 [Soome lahel mõõdeti neljapäeval rekordiline laine kõrgus](#) [Soome lahel mõõdeti rekordiline laine kõrgus](#)

Spatial variability in the trends in extreme storm surges and weekly-scale high water levels in the eastern Baltic Sea

Soomere, Tarmo; Pindsoo, Katri Continental shelf research 2016 / p. 53-64 : ill <https://doi.org/10.1016/j.csr.2015.12.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Statistics of deep estuarine circulation vs reverse estuarine circulation in the Gulf of Finland

Lilover, Madis-Jaak; Elken, Jüri; Suhhova, Irina; Liblik, Taavi 1st Baltic Earth Conference Multiple Drivers for Earth System Changes in the Baltic Sea Region : Nida, Curonian Spit, Lithuania, 13-17 June 2016 : conference proceedings 2016 / p. 21-22 : ill

http://www.baltic-earth.eu/events/nida2016/material/BalticEarth_Nida2016_Proceedings.pdf

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](#)

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](#)

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>

Surface mass balance and water stable isotopes derived from firn cores on three ice rises, Fimbul Ice Shelf, Antarctica

Vega, Carmen Paulina; Schlosser, Elisabeth; Divine, Dmitry V.; **Martma, Tõnu** The cryosphere 2016 / p. 2763-2777 : ill
<https://doi.org/10.5194/tc-10-2763-2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A Surrogate model for daily sea surface current fields prediction using CNN-UNET

Barzandeh, Amirhossein; Maljutenko, Ilja; Rikka, Sander; Raudsepp, Urmas EGU General Assembly 2025 2025 / art. EGU25-16890 <https://meetingorganizer.copernicus.org/EGU25/EGU25-16890.html> <https://doi.org/10.5194/egusphere-egu25-16890>

Suviselt soe merevesi tekitab Eesti rannikumere elukatele stressi

novaator.err.ee 2025 <https://novaator.err.ee/1609793334/suviselt-soe-merevesi-tekitab-eesti-rannikumere-elukatele-stressi>

A synergy approach for the validation of coastal altimetry data in the Baltic Sea

Delpeche-Ellmann, Nicole Camille; Pindsoo, Katri; Kudryavtseva, Nadezhda; Soomere, Tarmo 10th Coastal Altimetry workshop, 21-24 February 2017, Florence, Italy : abstracts 2017 / p. 37 <http://old.esaconferencebureau.com/docs/default-source/17c07-img/abstract-book.pdf?sfvrsn=0>

Tallinna tehnikaülikool uurib Liivi lahe hapnikupuuduse tagamaid

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

TalTechi emeriitprofessor: ookeanis on varsti plasti rohkem kui kalu!

Munter, Rein delfi.ee 2024 [TalTechi emeriitprofessor: ookeanis on varsti plasti rohkem kui kalu!](#)

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

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

Tehnikaülikooli teadlased näevad soojusenergia allikana Läänemerd

Elektriala 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](#)

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 preliminary research of sea water district heating and cooling for Tallinn coastal area

Hani, Allan; Kõiv, Teet-Andrus Smart grid and renewable energy 2012 / p. 246-252 : ill
https://www.scirp.org/pdf/sgre20120300011_19171139.pdf

The variation of turbulent eddy viscosity during a wave cycle [Electronic resource]

Oldekop, Nelly; Liiv, Toomas E-proceedings of the 36th IAHR World Congress : 28 June - 3 July, 2015, The Hague, the Netherlands 2015 / p. 1-5 : ill

Timescales of methane seepage on the Norwegian margin following collapse of the Scandinavian Ice Sheet

Cremiere, Antoine; **Lepland, Aivo**; Chand, Shyam; **Martma, Tõnu** Nature communications 2016 / p. 1-10 : ill
<https://doi.org/10.1038/ncomms11509> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Toward unified pH of saline solutions

Lainela, Silvie; Leito, Ivo; Heering, Agnes; Capitaine, Gaelle; 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](#)

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>

Transpordi ja keskkonnatingimuste mõju Läänemere mikrovetikatele

Sildever, Sirje Paat & Meremees 2016 / lk. 94-96 : ill https://artiklid.elnet.ee/record=b2809625*est

Trends in urban storm water quality in Tallinn and influences from stormflow and baseflow

Maharjan, Bharat; Pachel, Karin; Loigu, Enn Journal of water security 2016 / p. 1-11 : ill <http://dx.doi.org/10.15544/jws.2016.001>

Tritis ir vandens stabilus izotopai baltijos juroje 2016-2017 metais

Mazeika, 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

Tuul puhus meie sooja suplusvee Soome randal : [kommentaar TTÜ teadurilt Jüri Elkenilt]

Teder, Teet; **Elken, Jüri** Õhtuleht 2014 / lk. 5 <https://www.oh tuleht.ee/590502/tuul-puhus-meie-sooja-suplusvee-soome-randa>

24 years sea level trend of Gulf of Finland using resampled machine learning satellite altimetry data [Poster presentation]

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu The Gulf of Finland Science Days 2021 "New start for the Gulf of Finland co-operation" : Estonian Academy of Sciences, Tallinn, 29-30 November 2021 : abstracts 2021 / p. 64 <https://www.gulfoffinland.fi>

The underwater soundscape at Gulf of Riga marine-protected areas

Prawirasasra, Muhammad Saladin; Mustonen, Mirko; Klauson, Aleksander Journal of marine science and engineering 2021 / 17 p. : ill <https://doi.org/10.3390/jmse9080915> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Upwelling characteristics in the Gulf of Riga (Baltic Sea) : multiple data source approach

Skudra, Maris; **Väli, Germa;** Ikauniece, Anda; Papirtis, Miks Frontiers in marine science 2023 / art. 1244643 <https://doi.org/10.3389/fmars.2023.1244643> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uuring : Eesti merevee soojuspotentsiaal on suurem Muuga-Paldiski vahel [Võrguväljaanne]

Raag, Toomas pealinn.ee 2022 [Uuring: Eesti merevee soojuspotentsiaal on suurem Muuga-Paldiski vahel](#)

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-lahe-mikroplasti-teekonda-kaardistada>

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](#)

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

Valuing the benefits of improved marine environmental quality under multiple stressors

Tuhkanen, Heidi; Piirsalu, Evelin; **Nömmann, Tea** Science of the total environment 2016 / p. 367-375 : ill <http://dx.doi.org/10.1016/j.scitotenv.2016.02.011>

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

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

Variability of 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Variability of nutrient concentration in the Väinameri in 1993-1995

Suursaar, Ülo; **Astok, Villu**; Kullas, Tiit; Otsmann, Mikk; **Nõmm, Avo** Studies on measuring and modelling the water and nutrient exchange of the Gulf of Riga 1996 / p. 59-80

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.borenv.net/BER/archive/pdfs/ber22/ber22-027-047-Liblik.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Variability of thermohaline structure in the gulf of Finland in summer = Termohaliinse struktuuri muutlikkus Soome lahes suvekuudel

Liblik, Taavi 2012

Warm water source of stress for Estonia's coastal sea creatures

news.err.ee 2025 <https://news.err.ee/1609793469/warm-water-source-of-stress-for-estonia-s-coastal-sea-creatures>

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](#)

Vee kvaliteet [Võrguteavik] : proovivõtt. Osa 9, Juhised mereveest proovide võtmiseks = Water quality : sampling. Part 9, Guidance on sampling from marine waters (ISO 5667-9:1992)

2015

Vesi meres kerkib ja vajub

Soomere, Tarmo Eesti Loodus 2007 / 8, lk. 6-12 : ill https://artiklid.elnet.ee/record=b2373567*est

Wind fetch effect on underwater wind-driven sound

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

Väinameri - the buffer zone in the water and nutrient exchange between the Gulf of Riga and the Baltic Proper

Suursaar, Ülo; **Astok, Villu**; Kullas, Tiit; Otsmann, Mikk; **Nõmm, Avo** Estonia : geographical studies 1996 / p. 5-28

XAD usin separation and fraction of dissolved organic matter from seawater

Lepane, Viia 30th International Symposium on Environmental Analytical Chemistry : book of abstracts 2000 / p. 11

Адаптация E coli к различным температурам морской воды

Alton, Leelo-Siiri Проблемы современной экологии. [1] : исследования природных экосистем Эстонии : материалы республиканской конференции, проведенной с 11 по 13 декабря 1978 г., [в Тарту] = Problems of contemporary ecology : researches into Estonian natural ecosystems : abstracts of the republican conference held in Tartu, from 11 to 13 December, 1978 / с. 117-118 https://www.ester.ee/record=b1314403*est

Анализ нормативных показателей санитарно-микробиологической оценки качества морской воды в зонах рекреации

Lääne, Ain; Saava, Astrid Неустановившиеся процессы в системах водоснабжения и водоотведения 1981 / с. 73-83 : илл https://www.ester.ee/record=b1319728*est <https://digikogu.taltech.ee/et/Item/a29e3511-a15e-4820-91bd-9a53eb726784>

В Балтийском море начался редкий приток соленой воды

Piir, Rait rus.err.ee 2023 [В Балтийском море начался редкий приток соленой воды](#)

К вопросу об исследовании скорости коррозии металлов в морской воде

Kallast, Vambola; Talimets, Ellen Процессы и аппараты химической технологии и технология неорганических веществ. 6 1975 / с. 57-59 : илл https://www.ester.ee/record=b1328221*est <https://digikogu.taltech.ee/et/Item/fe4506d2-a386-4039-88aa-b211d04b97fe>

Катастрофа Балтийского моря – сильнейшее загрязнение [Online resources]

stena.ee 2022 [Катастрофа Балтийского моря – сильнейшее загрязнение](#)

Метод расчета качества морской воды с учетом разбавления сточными водами

Aitsam, Ain; Velner, Harald-Adam; Paal, Leopold Гигиена и санитария 1970 / с. 22-28 https://www.ester.ee/record=b1843516*est

Методика расчета течений и переноса примеси в мелких морях

Jaško, M.A. Неустановившиеся процессы в системах водоснабжения и водоотведения 1981 / с. 123-127
https://www.ester.ee/record=b1319728*est <https://digikogu.taltech.ee/et/Item/a29e3511-a15e-4820-91bd-9a53eb726784>

Морской ученый: нет смысла очищать Балтийское море от микропластика [Online resource]

mke.ee 2022 [Морской ученый: нет смысла очищать Балтийское море от микропластика](#)

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](#)

О методике определения расчетных скоростей и продолжительности течений, определяющих распространение веществ загрязнения в морских заливах

Paal, Leopold; Aitsam, Ain; Astok, Villu Сборник статей по санитарной технике. 3 1966 / с. 71-83 : илл

https://www.ester.ee/record=b2085140*est <https://digikogu.taltech.ee/et/Item/2ab344ea-43af-4d17-b907-46c0e31a2ced>

О характере распределения течений по вертикали в поверхностном слое моря

Astok, Villu; Aitsam, Ain; Paal, Leopold Сборник статей по санитарной технике. 3 1966 / с. 85-98 : илл

https://www.ester.ee/record=b2085140*est <https://digikogu.taltech.ee/et/Item/2ab344ea-43af-4d17-b907-46c0e31a2ced>

По-летнему теплая морская вода вызывает стресс у обитателей прибрежных вод Эстонии

rus.err.ee 2025 <https://rus.err.ee/1609793418/po-letnemu-teplaja-morskaja-voda-vyzyvaet-stress-u-obitatelej-pribrezhnyh-vod-jestonii>

Результаты интеркалибрации методов определения тяжелых металлов в морской воде и донных отложениях

Morozov, N.P.; Ott, Roman; Litner, G.; Lingren, E.K. Исследование экосистемы Балтийского моря. Вып. 1 : I советско-шведская комплексная экспедиция в Балтийском море на НИСП "Муссон" в рамках советско-шведского сотрудничества по проблемам окружающей среды 1981 / с. 163-171 https://www.ester.ee/record=b1564794*est

Спутниковый мониторинг моря Copernicus полезен как рыбакам, так и строителям ветряков [Online resources]

mke.ee 2022 [Спутниковый мониторинг моря Copernicus полезен как рыбакам, так и строителям ветряков](#)

Статистические зависимости между некоторыми качественными параметрами морской среды

Võsu, Aime; Lääne, Ain Неустановившиеся процессы в системах водоснабжения и водоотведения 1981 / с. 85-91 : илл

https://www.ester.ee/record=b1319728*est <https://digikogu.taltech.ee/et/Item/a29e3511-a15e-4820-91bd-9a53eb726784>

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](#)

Тонкая вертикальная структура поля скорости течения в Балтийском море : автореферат ... кандидата физико-математических наук (11.00.08)

Lilover, Madis-Jaak 1989 https://www.ester.ee/record=b1525631*est

Ученые шокированы объемом микропластика в Балтийском море: в будущем это может негативно повлиять на здоровье людей [Online resource]

Maran, Kaur rus.postimees.ee 2021 ["Ученые шокированы объемом микропластика в Балтийском море: в будущем это может негативно повлиять на здоровье людей"](#)

Экспериментальное исследование воздействия волн на прибрежные сооружения при экстремальных наводнениях

Rodin, Artem; Didenkulov, Oleg; Sergeeva, Anna; Didenkulova, Irina XXII Международная научно-техническая конференция "Информационные системы и технологии" ИСТ-2016 : посвященная 80-летию РТФ-ФРК-ФИСТ-ИРИТ 2016 / с. 421

Эстонские ученые: сброс воды со станции "Фукусима" не опасен [Online resource]

Kannel, Astrid rus.err.ee 2021 ["Эстонские ученые: сброс воды со станции "Фукусима" не опасен"](#)