

### **An assessment of the scope and effectiveness of soft measures to handle plastic pollution in the Baltic Sea Region**

Filho, Walter Leal; **Voronova, Viktoria; Barbir, Jelena**; Moora, Harri; **Klõga, Marija**; Kliučininkas, Linas; Klavins, Maris; Tirca, Diana-Mihaela Marine pollution bulletin 2024 / art. 117090, 10 p. : ill <https://doi.org/10.1016/j.marpolbul.2024.117090> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

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

### **The asaphid trilobite fauna : its rise and fall in baltica**

**Pärnaste, Helje**; Bergström, Jan Palaeogeography, Palaeoclimatology, Palaeoecology 2013 / p. 64 - 77 <https://doi.org/10.1016/j.palaeo.2013.06.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](http://hydrophysics.info/wp-content/uploads/2018/06/Stoicescu_%D0%B0.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#)

### **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](#)

### **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](#)

### **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](#)

### **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](#)

### **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](#)

### **Characteristics and inter-annual changes in temperature, salinity and density distribution in the Gulf of Riga**

**Skudra, Maris; Lips, Urmas** Oceanologia 2017 / p. 37-48 : ill <https://doi.org/10.1016/j.oceano.2016.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Characteristics of cyclones causing extreme sea levels in the northern Baltic Sea**

Post, Piia; **Kõuts, Tarmo** Oceanologia 2014 / p. 241-258 <https://doi.org/10.5697/oc.56-2.241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chitinozoans with “skirt”: Ultrastructure and palaeoecological implications of carina in Cyathochitina Eisenack, 1955**

Wang, Wenhui; Liang, Yan; Lyu, Qiao; **Hints, Olle**; Chen, Shefa; **Nõlvak, Jaak** Palaeogeography, palaeoclimatology, palaeoecology 2021 / art. 110348, 16 p.: ill <https://doi.org/10.1016/j.palaeo.2021.110348> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Climate changes in the pre-Hirnantian late Ordovician based on $\delta^{18}\text{O}$ phos studies from Estonia**

**Männik, Peep**; Lehnert, Oliver; **Nõlvak, Jaak**; Joachimski, Michael M. Palaeogeography, palaeoclimatology, palaeoecology 2021 / p. 110347, 16 p. : ill <https://doi.org/10.1016/j.palaeo.2021.110347> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Väli, Germa**; 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](#)

**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](#)

**A comparison of Baltic Sea wave properties simulated using two modelled wind data sets**

**Giudici, Andrea**; Jankowski, Mikolaj Zbigniew; **Männikus, Rain**; **Najafzadeh, Fatemeh**; Suursaar, Ülo; **Soomere, Tarmo** Estuarine, coastal and shelf science 2023 / art. 108401, 15 p. : ill <https://doi.org/10.1016/j.ecss.2023.108401> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

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

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

**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](#)

**A comparison of the motions of surface drifters with offshore wind properties in the Gulf of Finland, the Baltic Sea**

**Delpeche-Ellmann, Nicole Camille**; **Torsvik, Tomas**; **Soomere, Tarmo** Estuarine, coastal and shelf science 2016 / p. 154-164 : ill <https://doi.org/10.1016/j.ecss.2016.02.009> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

**Composition and distribution of diazotrophs in the Baltic Sea**

Salamon Slater, E. R.; Turk-Kubo, K. A.; Hallström, S.; Kesý, 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](#)

**Conodonts from the Lower Ordovician of Morocco - contributions to age and faunal diversity of the Fezouata Lagerstätte and peri-Gondwana biogeography**

**Lehnert, Oliver**; Nowak, Hendrik; Sarmiento, Graciela N.; Gutierrez-Marco, Juan Carlos; Akodad, Mustapha; Servais, Thomas Palaeogeography, palaeoclimatology, palaeoecology 2016 / p. 50-61 : ill <https://doi.org/10.1016/j.palaeo.2016.03.023> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

**Constraints of radiocarbon dating in southeastern Baltic lagoons : assessing the vital effects**

Bitinas, Albertas; Mažeika, Jonas; Buynevich, Ilya; Damušyte, Aldona; **Molodkov, Anatoli**; Grigienė, Alma Coastline changes of the Baltic Sea from south to east : past and future projection 2017 / p. 137-171 [https://doi.org/10.1007/978-3-319-49894-2\\_8](https://doi.org/10.1007/978-3-319-49894-2_8) [Article collection metrics at Scopus Article at Scopus 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](#)

**Contributions of autochthonous and allochthonous sources to dissolved organic matter in a large, shallow, eutrophic lake with a highly calcareous catchment**

Toming, Kaire; Tuvikene, Lea; Vilbaste, Sirje; Agasild, Helen; Viik, Malle; **Kisand, Anu**; Feldmann, Tõnu; **Martma, Tõnu**; Jones, Roger I.; Nõges, Tiina Limnology and oceanography 2013 / p. 1259-1270 : ill <https://doi.org/10.4319/lo.2013.58.4.1259> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

**The Copernicus Marine Environment Monitoring Service Ocean State Report**

Schuckmann, Karina von; Le Traon, Pierre-Yves; Alvarez-Fanjul, Enrique; **Raudsepp, Urmas** Journal of operational oceanography 2016 / p. 235-320 : ill <https://doi.org/10.1080/1755876X.2016.1273446> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

**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](#)

#### **Corrigendum to “Internal solitary waves control offshore extension of mud depocenters on the NW Iberian shelf” [Mar. Geol. 409 (2019) 15–30] (Marine Geology (2019) 409 (15–30), (S002532271830166X) (10.1016/j.margeo.2018.12.008))**

Zhang, Wenyan; **Didenkulova, Ira**; Kurkina, Oxana; Cui, Yongsheng; Haberkern, Julia; Aepfler, Rebecca; Santos, Ana I.; Zhang, Han; Hanebuth, Till J.J. Marine Geology 2019 / p. 21 <https://doi.org/10.1016/j.margeo.2019.01.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **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](#)

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

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

#### **A 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](#)

#### **Dark nutrient uptake at low temperature and subsequent light use efficiency by the dinoflagellate *Heterocapsa triquetra* Ojamae, 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](#)

#### **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, Mihail; 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](#)

#### **Decadal changes in the Baltic Sea wave heights**

**Soomere, Tarmo; Räämet, Andrus** Journal of marine systems 2014 / p. 86-95 : ill <https://doi.org/10.1016/j.jmarsys.2013.03.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Decision support tools, systems and indices for sustainable coastal planning and management : a review**

**Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo**; Dragovich, Deirde; Engström, Johanna Ocean and Coastal Management 2021 / art. 105813, 13 p <https://doi.org/10.1016/j.ocecoaman.2021.105813> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Developing European operational oceanography for Blue Growth, climate change adaptation and mitigation, and ecosystem-based management**

She, Jun; Allen, Icarus; Buch, Erik; **Lips, Urmas** Ocean science 2016 / p. 953-976 : ill <https://doi.org/10.5194/os-12-953-2016> [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](#)

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

**Zhubas, 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](#)

#### **Earliest known rugosan-stromatoporoid symbiosis from the Llandovery of Estonia (Baltica)**

Vinn, Olev; Wilson, Mark A.; **Toom, Ursula; Mõtus, Mari-Ann** Palaeogeography, Palaeoclimatology, Palaeoecology 2015 / p. 1-5  
<https://doi.org/10.1016/j.palaeo.2015.04.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Earliest rhynchonelliform brachiopod parasite from the Late Ordovician of northern Estonia (Baltica)**

Vinn, Olev; Wilson, Mark A.; **Toom, Ursula** Palaeogeography, palaeoclimatology, palaeoecology 2014 / p. 42-45 : ill  
<https://doi.org/10.1016/j.palaeo.2014.06.028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Earliest symbiotic rugosans in cystoporate bryozoan *Ceramopora intercellata* Bassler, 1911 from Late Ordovician of Estonia (Baltica)**

Vinn, Olev; Ernst, Andrej; **Toom, Ursula** Palaeogeography, palaeoclimatology, palaeoecology 2016 / p. 140-144 : ill  
<https://doi.org/10.1016/j.palaeo.2016.08.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Early diversification of Ordovician chitinozoans on Baltica : New data from the Jägala waterfall section, northern Estonia Nõlvak, Jaak; Liang, Yan; Hints, Olle** Palaeogeography, palaeoclimatology, palaeoecology 2019 / p. 14-24 : ill

<https://doi.org/10.1016/j.palaeo.2019.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**Effect of glacial drainage water on the CO<sub>2</sub> system and ocean acidification state in an Arctic tidewater-glacier fjord during two contrasting years**

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

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

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

**Effects of 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-Goriz, 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](#)

**Enhanced turbulence driven by mesoscale motions and flow-topography interaction in the Denmark Strait Overflow plume**

Schaffer, Janin; Kanzow, Torsten; **Zhurbas, Victor** Journal of geophysical research. Oceans 2016 / p. 7650-7672 : ill  
<https://doi.org/10.1002/2016JC011653> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ensemble approach for projections of return periods of extreme water levels in Estonian waters**

**Eelsalu, Maris;** Soomere, Tarmo; Pindsoo, Katri; **Lagemaa, Priidik** Continental shelf research 2014 / p. 201-210 : ill  
<https://doi.org/10.1016/j.csr.2014.09.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ensuring Cybersecurity in Shipping: Reference to Estonian Shipowners**

**Heering, Dan** TransNav : the international journal on marine navigation and safety of sea transportation 2020 / p. 271-278  
<https://doi.org/10.12716/1001.14.02.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Environmental changes of the stadial/interstadial type during the Late Saalian (MIS-6) – Multi-proxy record at the Wola Starogrodzka site, central Poland**

Kupryjanowicz, Mirosława; Filoc, Magdalena; Drzymulska, Danuta; **Poska, Anneli;** Suchora, Magdalena; Zarski, Marcin; Mroczek, Przemysław Paweł Palaeogeography, palaeoclimatology, palaeoecology 2021 / art. 110420, 14 p. : ill  
<https://www.sciencedirect.com/science/article/pii/S0031018221002054> <https://doi.org/10.1016/j.palaeo.2021.110420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Environmental impact assessment of continuous underwater noise in the Baltic Sea**

**Klauson, Aleksander;** Mustonen, Mirko; Folegot, Thomas; Tougaard, Jakob Marine pollution bulletin 2024 / art. 117105, 12 p. : ill  
<https://doi.org/10.1016/j.marpolbul.2024.117105> [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](#)

**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 entrainment in the Denmark Strait overflow plume from CTD/LADCP data**

**Zhurbas, Victor**; Paka, Vadim; Rudels, B.; Quadfasel, D. Oceanology 2016 / p. 205-213 : ill <https://doi.org/10.1134/S0001437016020223> [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](#)

### **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](#)

### **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](#)

### **Finite-time compressibility as an agent of frequent spontaneous patch formation in the surface layer: A case study for the Gulf of Finland, the Baltic Sea**

**Giudici, Andrea**; Soomere, Tarmo Marine pollution bulletin 2014 / p. 239-249 : ill <https://doi.org/10.1016/j.marpolbul.2014.09.053> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **First ice core records of NO<sub>3</sub>– stable isotopes from Lomonosovfonna, Svalbard**

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

### **From discrete gravity survey data to a high-resolution gravity field representation in the Nordic-Baltic region**

**Märdla, Silja**; Agren, Jonas; Strykowski, Gabriel; Oja, Tõnis; **Ellmann, Artu** Marine geodesy 2017 / p. 416-453 : ill <https://doi.org/10.1080/01490419.2017.1326428> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Generation of large pollution patches via collisions of sticky floating parcels driven by wind and surface currents**

**Giudici, Andrea**; Kalda, Jaan; Soomere, Tarmo Marine pollution bulletin 2019 / p. 573–585 : ill <https://doi.org/10.1016/j.marpolbul.2019.02.039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **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 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](#)

### **Hirnantian (Late Ordovician) brachiopod faunas across Baltoscandia : a global and regional context**

Harper, David A. T.; **Hints, Linda** Palaeogeography, palaeoclimatology, palaeoecology 2016 / p. 71-83 <https://doi.org/10.1016/j.palaeo.2015.11.044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Hirnantian sea-level changes in the Baltoscandian Basin, a review**

Kiipli, Enli; **Kiipli, Tarmo** Palaeogeography, palaeoclimatology, palaeoecology 2020 / art. 109524, 13 p. : ill <https://doi.org/10.1016/j.palaeo.2019.109524> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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 horizontal eddy-diffusivity on Lagrangian statistics for coastal pollution from a major marine fairway**

**Viikmäe, Bert; Torsvik, Tomas; Soomere, Tarmo** Ocean dynamics 2013 / p. 589-597 : ill <https://doi.org/10.1007/s10236-013-0615-3>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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

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

**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](#)

**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](#)

**Index based multi-criteria approach to coastal risk assesment**

Bagdaničiute, Ingrida; Kelpšaitė-Rimkienė, Loreta; Galinien, Jelena; **Soomere, Tarmo** Journal of Coastal Conservation 2019 / p. 785–800 : ill <https://doi.org/10.1007/s11852-018-0638-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**An integrated approach to coastal and biological observations**

She, Jun; Piniella, Ángel Muñoz; Benedetti-Cecchi, Lisandro; Boehme, Lars; Boero, Ferdinando; Christensen, Asbjorn; Crowe, Tasman; Darecki, Mirosław; Nogueira, Enrique; Gremare, Antoine; Hernandez, Francisco; **Kõuts, Tarmo** Frontiers in Marine Science 2019 / Art. nr. 314 <https://doi.org/10.3389/fmars.2019.00314> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Integrated graptolite-conodont biostratigraphy and organic carbon chemostratigraphy of the Llandovery of Kallholn quarry, Dalarna, Sweden**

Walasek, Natalia; Loydell, David, K.; **Männik, Peep** Palaeogeography, palaeoclimatology, palaeoecology 2018 / p. 1-16 : ill  
<https://doi.org/10.1016/j.palaeo.2018.08.003> [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>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Investigating the duration and termination of the Early Paleozoic Moyero Reversed Polarity Superchron: Middle Ordovician paleomagnetism from Estonia**

Grappone, J. Michael; Chaffee, Thom; Isozaki, Yukio; **Bauert, Heikki;** Kirschvink, Joseph L. Palaeogeography, palaeoclimatology, palaeoecology 2017 / p. 673-686 : ill <https://doi.org/10.1016/j.palaeo.2017.07.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Investigating the impact of anthropogenic land use on a hemiboreal lake ecosystem using carbon/nitrogen ratios and coupled-optical emission spectroscopy**

**Stivrinš, Normunds; Liiv, Merlin;** Brow, Alex D.; Banerjea, Rowena Yvonne; **Heinsalu, Atko; Veski, Siim** Palaeogeography,

palaeoclimatology, palaeoecology 2019 / p. 1-9 : ill <https://doi.org/10.1016/j.palaeo.2019.01.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Investigating the marine protected areas most at risk of current-driven pollution in the Gulf of Finland, the Baltic Sea, using a Lagrangian transport model**

**Delpeche, Nicole; Soomere, Tarmo** Marine pollution bulletin 2013 / p. 121-129 : ill <https://doi.org/10.1016/j.marpolbul.2012.11.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Journal of Coastal Conservation special issue "Coast and society" : guest editorial**

Harff, Jan; **Soomere, Tarmo**; Zhang, Hua Journal of Coastal Conservation 2019 / p. 713-716 : ill <https://doi.org/10.1007/s11852-019-00705-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Late Pleistocene iceberg scouring in the north-eastern Baltic Sea, west of Estonia**

Karpin, Vladimir; **Heinsalu, Atko**; Virtasalo, Joonas J. Marine geology 2021 / art. 106537, 11 p. : ill, map <https://doi.org/10.1016/j.margeo.2021.106537> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Linkages between the circulation and distribution of dissolved organic matter in the White Sea, Arctic Ocean**

Pavlov, Alexey K.; Stedmon, Colin A.; Semushin, Andrey V.; **Martma, Tõnu** Continental shelf research 2016 / p. 1-13 : ill <https://doi.org/10.1016/j.csr.2016.03.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Llandovery (Silurian) conodont provincialism: an update based on quantitative analysis**

**Chen, Zhongyang; Männik, Peep**; Fan, Junxuan Palaeogeography, palaeoclimatology, palaeoecology 2017 / p. 661-672 : ill <https://doi.org/10.1016/j.palaeo.2017.07.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Long-term fluid expulsion revealed by carbonate crusts and pockmarks connected to subsurface gas anomalies and palaeo-channels in the central North Sea**

Chand, Shyam; Cremiere, Antoine; **Lepland, Aivo**; Thorsnes, Terje; Brunstad, Harald; Stoddart, Daniel Geo-marine letters 2017 / p. 215-227 : ill <https://doi.org/10.1007/s00367-016-0487-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**Lower and Middle Ordovician chitinozoans from Honghuayuan, South China: Biodiversity patterns and response to environmental changes**

**Liang, Yan; Hints, Olle**; Luan, Xiacong; Tang, Peng; **Nõlvak, Jaak**; Zhan, Renbin Palaeogeography, palaeoclimatology, palaeoecology 2018 / p. 95-105 <https://doi.org/10.1016/j.palaeo.2018.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Marine redox variability from Baltica during extinction events in the latest Ordovician–early Silurian**

Young, Seth A.; Benayoun, Emily; Kozik, Nevin P.; **Hints, Olle**; **Martma, Tõnu**; Bergström, Stig M.; Owens, Jeremy D. Palaeogeography, Palaeoclimatology, Palaeoecology 2020 / art. 109792 <https://doi.org/10.1016/j.palaeo.2020.109792> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Paka, Vadim T.; **Zhurbas, 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](#)

**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](#)

**Modelling of discharges from Baltic Sea shipping**

Jalkanen, Jukka-Pekka; Johansson, Lasse; Wilewska-Bien, Magda; Granhag, Lena; Ytreberg, Erik; Eriksson, K. Martin; Yngsall, Daniel; Hassellöv, Ida-Maja; Magnusson, Kerstin; **Raudsepp, Urmas; Maljutenko, Ilja**; Winnes, Hulda; Moldanova, Jana Ocean Science 2021 / p. 699 - 728 <https://doi.org/10.5194/os-17-699-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Modelling of internal waves in the Baltic Sea**

Kurkin, Andrey; Pelinovsky, Efim; Talipova, Tatyana; **Soomere, Tarmo** Фундаментальная и прикладная гидрофизика 2018 / p. 8-20 <https://doi.org/10.7868/S2073667318020016> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **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](#)

### **Modification of closure depths by synchronisation of severe seas and high water levels**

**Soomere, Tarmo**; **Männikus, Rain**; **Pindsoo, Katri**; **Kudryavtseva, Nadezhda**; **Eelsalu, Maris** Geo-marine letters 2017 / p. 35-46 : ill <https://doi.org/10.1007/s00367-016-0471-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Multi-criteria evaluation approach to coastal vulnerability index development in micro-tidal low-lying areas**

Bagdanavičiute, Ingrida; Kelpšaitė, Loreta; **Soomere, Tarmo** Ocean & coastal management 2015 / p. 124-135 : ill <https://doi.org/10.1016/j.ocecoaman.2014.12.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A multi-proxy approach to constrain reducing conditions in the Baltic Basin during the late Silurian Lau carbon isotope excursion**

Bowman, Chelise N.; Them II, Theodore R.; Knight, Marisa D.; **Kaljo, Dimitri**; Eriksson, Mats E.; **Hints, Olle**; **Martma, Tõnu**; Owens, Jeremy D.; Young, Seth, A. Palaeogeography, palaeoclimatology, palaeoecology 2021 / art. 110624 <https://doi.org/10.1016/j.palaeo.2021.110624> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **New conodont $\delta^{18}\text{O}$ records of Silurian climate change : implications for environmental and biological events**

Trotter, Julie A.; Williams, Ian S.; Barnes, Christopher R.; **Männik, Peep**; Simpson, Andrew Palaeogeography, palaeoclimatology, palaeoecology 2016 / p. 34-48 : ill <https://doi.org/10.1016/j.palaeo.2015.11.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Nitrogen and phosphorus discharges from cargo ships' black and grey waters — a case study of a Baltic Sea port**

**Lappalainen, Suvi-Tuuli**; **Tapaninen, Ulla Pirita**; **Kotta, Jonne** Oceans 2024 / p. 560–570 <https://doi.org/10.3390/oceans5030032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Nonlinear effects at the initial stage of tsunami-wave development**

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

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

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

### **A numerical study of circulation in the Gulf of Riga, Baltic Sea. Part I : Whole-basin gyres and mean currents**

**Lips, Urmas**; **Zhubas, Victor**; **Skudra, Maris**; **Väli, Germa** Continental shelf research 2016 / p. 1-13 : ill <https://doi.org/10.1016/j.csr.2015.11.008> [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](#)

### **Observations of surface drift and effects induced by wind and surface waves in the Baltic Sea for the period 2011–2018**

**Delpêche-Ellmann, Nicole Camille**; **Giudici, Andrea**; **Rätsep, Margus**; **Soomere, Tarmo** Estuarine, coastal and shelf science 2021 / art. 107071, 13 p. : ill., map <https://doi.org/10.1016/j.ecss.2020.107071> [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](#)

**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](#)

**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 finite-time compressibility of the surface currents in the Gulf of Finland, the Baltic Sea**

**Kalda, Jaan;** **Soomere, Tarmo;** **Giudici, Andrea** Journal of marine systems 2014 / p. 56-65 : ill <https://doi.org/10.1016/j.jmarsys.2012.08.010> [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](#)

**An online platform for rapid oil outflow assessment from grounded tankers for pollution response**

**Tabri, Kristjan;** **Heinvee, Martin;** **Laanearu, Janek;** **Kollo, Monika;** Goerlandt, Floris Marine pollution bulletin 2018 / p. 963-976 : ill <https://doi.org/10.1016/j.marpolbul.2018.06.039> [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](#)

**Paired carbon isotope chemostratigraphy across the Ordovician–Silurian boundary in central East Baltic: Regional and global signatures**

**Hints, Olle;** Ainsaar, Leho; **Lepland, Aivo;** **Liiv, Merlin;** **Männik, Peep;** Meidla, Tõnu; **Nõlvak, Jaak;** Radzevičius, Sigitas Palaeogeography, palaeoclimatology, palaeoecology 2023 / art. 111640, 17 p. : ill <https://doi.org/10.1016/j.palaeo.2023.111640> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Palynomorph optical analyses for thermal maturity assessment of upper ordovician (Katian-Hirnantian) rocks from Southern Estonia**

Sorci, Andrea; Cirilli, Simonetta; Clayton, Geoff; Corrado, Sveva; **Hints, Olle;** Goodhue, Robbie; Schito, Andrea; Spina, Amalia Marine and Petroleum Geology 2020 / art. 104574 <https://doi.org/10.1016/j.marpetgeo.2020.104574> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Phosphorus cycling during the Hirnantian glaciation**

Müller, Johann; Joachimski, Michael M.; Lehnert, Oliver; **Männik, Peep;** Sun, Yadong Palaeogeography, palaeoclimatology, palaeoecology 2024 / art. 111906, 15 p. : ill <https://doi.org/10.1016/j.palaeo.2023.111906> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Potential for an underwater glider component as part of the Global Ocean Observing System**

**Liblik, Taavi;** Karstensen, Johannes; Testor, P. Methods in oceanography 2016 / p. 50-82 : ill <https://doi.org/10.1016/j.mio.2016.05.001> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Precise hydrodynamic leveling by using pressure gauges**

Liibus, Aive; **Ellmann, Artu;** **Kõuts, Tarmo;** Jürgenson, Harli Marine geodesy 2013 / p. 138-163 : ill <https://doi.org/10.1080/01490419.2013.771594> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**Propagation regimes and populations of internal waves in the Mediterranean Sea basin**

Kurkina, Oxana; Rouvinskaya, Ekaterina; Talipova, Tatyana; **Soomere, Tarmo** Estuarine, coastal and shelf science 2017 / p. 44-54 : ill <https://doi.org/10.1016/j.ecss.2016.12.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

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

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

### **Quartz grains reveal sedimentary palaeoenvironment and past storm events : a case study from eastern Baltic**

Kalinska-Nartiša, Edyta; **Stivriņš, Normunds**; Grudzinska, Ieva Estuarine, coastal and shelf science 2018 / p. 359-370 : ill <https://doi.org/10.1016/j.ecss.2017.11.027> [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**; **Lilover, 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](#)

### **Realistic dynamic topography through coupling geoid and hydrodynamic models of the Baltic Sea**

**Jahanmard, Vahidreza**; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Continental shelf research 2021 / art. 104421 <https://doi.org/10.1016/j.csr.2021.104421> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **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; Drévillon, 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](#)

### **Recently accelerated oxygen consumption rates amplify deoxygenation in the Baltic Sea**

Meier, H. E. Markus; **Väli, Germa**; 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**

**Sildever, 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](#)

### **Recreational preferences of Estonian coastal landscapes and willingness-to-pay in comparison – a good tool for creating national beach management strategy**

Reimann, Mart; **Ehrlich, Üllas**; Tõnisson, Hannes Beach management tools - concepts, methodologies and case studies 2018 / p. 895-912 [https://doi.org/10.1007/978-3-319-58304-4\\_46](https://doi.org/10.1007/978-3-319-58304-4_46) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **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](#)

### **River bulge evolution and dynamics in a non-tidal sea - Daugava River plume in the Gulf of Riga, Baltic Sea**

**Soosaar, Edith**; **Maljutenko, Ilja**; **Uiboupin, Rivo**; **Skudra, Maris**; **Raudsepp, Urmas** Ocean science 2016 / p. 417-432 : ill <https://doi.org/10.5194/os-12-417-2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

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

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

### **Run-up of surface waves on a sea wall built on a convex bottom profile**

**Didenkulova, Irina**; Pelinovsky, Efim; Rodin, Artem Oceanology 2016 / p. 483-490 : ill <https://doi.org/10.1134/S0001437016030036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Separation of the Baltic Sea water level into daily and multi-weekly components**

**Soomere, Tarmo; Eelsalu, Maris;** Kurkin, Andrey; Rybin, Artem *Continental shelf research* 2015 / p. 23-32 : ill., map

<https://doi.org/10.1016/j.csr.2015.04.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Shipping related activities and their environmental impact – lessons learnt from the Estonian case study**

**Tombak, Mari-Liis; Tapaninen, Ulla Pirita;** Palu, Riina *TransNav : the international journal on marine navigation and safety of sea*

*transportation* 2023 / p. 973-980 <https://doi.org/10.12716/1001.17.04.24> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Silurian vertebrate remains from the Oslo Region, Norway, and their implications for regional biostratigraphy**

Bremer, Oskar; Turner, Susan; **Märss, Tiit;** Blom, Henning *Norwegian Journal of Geology* 2019 / p. 129 - 155 : ill

<https://doi.org/10.17850/njg99-1-07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Simulated halocline variability in the Baltic Sea and its impact on hypoxia during 1961-2007**

**Väli, Germa;** Meier, H. E. Markus; **Elken, Jüri** *Journal of Geophysical Research: Oceans* 2013 / p. 6982 - 7000

<https://doi.org/10.1002/2013JC009192> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Simulated wave-driven sediment transport along the eastern coast of the Baltic Sea**

**Soomere, Tarmo; Viška, Maija** *Journal of marine systems* 2014 / p. 96-105 : ill <https://doi.org/10.1016/j.jmarsys.2013.02.001> [Journal](#)

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

### **Smart regulations in maritime governance : Efficacy, gaps, and stakeholder perspectives**

Olaniyi, O. Eunice; **Solarte Vasquez, Maria Claudia;** Inkinen, Tommi *Marine pollution bulletin* 2024 / art. 116341

<https://doi.org/10.1016/j.marpolbul.2024.116341> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A snapshot of internal waves and hydrodynamic instabilities in the southern Bay of Bengal**

Lozovatsky, Iossif; Wijesekera, Hemantha; Jarosz, Ewa; **Lilover, Madis-Jaak** *Journal of geophysical research. Oceans* 2016 / p.

5898-5915 : ill <https://doi.org/10.1002/2016JC011697> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Snow contribution to first-year and second-year Arctic sea ice mass balance north of Svalbard**

Granskog, Mats A.; Rösel, Anja; Dodd, Paul A.; Divine, Dmitry V.; Gerland, Sebastian; **Martma, Tõnu;** Leng, Melanie J. *Journal of*

*geophysical research : oceans* 2017 / p. 2539-2549 : ill <https://doi.org/10.1002/2016JC012398> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Article at WOS](#)

### **Sodankylä ionospheric tomography data set 2003-2014**

Norberg, Johannes; **Roininen, Lassi;** Kero, Antti; Raita, Tero; Ulich, Thomas; Markkanen, Markku; Juusola, Liisa; Kauristie, Kirsti

*Geoscientific Instrumentation, Methods and Data Systems* 2016 / p. 263 - 270 <https://doi.org/10.5194/gi-5-263-2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Spatial pattern of current-driven hits to the nearshore from a major marine fairway in the Gulf of Finland**

**Viikmäe, Bert; Soomere, Tarmo** *Journal of marine systems* 2014 / p. 106-117 : ill <https://doi.org/10.1016/j.jmarsys.2013.06.014> [Journal](#)

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

### **Spatial patterns in heavy-mineral concentrations along the Curonian Spit coast, southeastern Baltic Sea**

Pupienis, Donatas; Buynevich, Ilya; Ryabchuk, Daria; Jarmalavičius, Darius; Žilinskas, Gintautas; Fedorovič, Julija; **Kovaleva, Olga;**

Sergeev, Alexander; Cichoń-Pupienis, Anna *Estuarine, coastal and shelf science* 2017 / p. 41-50 : ill

<https://doi.org/10.1016/j.ecss.2016.08.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **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](#)

### **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](#)

### **Spatiotemporal variability of wave climate in the Gulf of Riga**

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

### **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](#)

### **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](#)

### **Structural controls on seepage of thermogenic and microbial methane since the last glacial maximum in the Harstad Basin, southwest Barents Sea**

**Crémière, Antoine; Chand, Shyam; Sahy, Diana; Thorsnes, Terje; Martma, Tõnu; Noble, Stephen R.; Pedersen, Jon Halvard; Brunstad, Harald; Lepand, Aivo** Marine and Petroleum Geology 2018 / p. 569-581 <https://doi.org/10.1016/j.marpetgeo.2018.07.010> [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; Zhubas, 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** 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](#)

### **Surface wave effects on water temperature in the Baltic Sea : simulations with the coupled NEMO-WAM model**

**Alari, Victor; Staneva, Joanna; Breivik, Øyvind** Ocean dynamics 2016 / p. 917-930 : ill <https://doi.org/10.1007/s10236-016-0963-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Symbiosis of conulariids with trepostome bryozoans in the Upper Ordovician of Estonia (Baltica)**

**Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; Toom, Ursula** Palaeogeography, palaeoclimatology, palaeoecology 2019 / p. 89-96 : ill <https://doi.org/10.1016/j.palaeo.2019.01.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Symbiotic endobiont biofacies in the Silurian of Baltica**

**Vinn, Olev; Wilson, Mark A.; Mõtus, Mari-Ann** Palaeogeography, palaeoclimatology, palaeoecology 2014 / p. 24-29 : ill <https://doi.org/10.1016/j.palaeo.2014.03.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Temporal scales for nearshore hits of current-driven pollution in the Gulf of Finland**

**Viikmäe, Bert; Soomere, Tarmo** Marine pollution bulletin 2016 / p. 77-86 : ill <https://doi.org/10.1016/j.marpolbul.2016.03.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The earliest bryozoan parasite: Middle Ordovician (Darriwilian) of Osmussaar Island, Estonia**

**Vinn, Olev; Wilson, Mark A.; Mõtus, Mari-Ann; Toom, Ursula** Palaeogeography, palaeoclimatology, palaeoecology 2014 / p. 129-132 : ill <https://doi.org/10.1016/j.palaeo.2014.08.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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 Nitrogen-Cycling Network of Bacterial Symbionts in the Sponge *Spheciospongia vesparium***

He, Liming; **Karlep, Liisi**; Li, Zhiyong The Journal of Ocean University of China 2021 / p. 999–1012 <https://doi.org/10.1007/s11802-021-4530-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The record of early Silurian climate changes from South China and Baltica based on integrated conodont biostratigraphy and isotope chemostratigraphy**

Yan, Guanzhou; Lehnert, Oliver; **Männik, Peep**; Calner, Mikael; Luan, Xiacong; Gong, Fang-Yi; Li, Lixia; Wei, Xin; Wang, Guang-Xu; Zhan, Renbin; Wua, Rongchang Palaeogeography, palaeoclimatology, palaeoecology 2022 / art. 111245, 16 p. : ill <https://doi.org/10.1016/j.palaeo.2022.111245> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The role of nearshore slope on cross-shore surface transport during a coastal upwelling event in Gulf of Finland, Baltic Sea**

**Delpeche-Ellmann, Nicole Camille**; **Soomere, Tarmo**; **Kudryavtseva, Nadezhda** Estuarine, coastal and shelf science 2018 / p. 123–135 : ill <https://doi.org/10.1016/j.ecss.2018.03.018> [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](#)

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

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

### **Tracking areas with increased likelihood of surface particle aggregation in the Gulf of Finland : a first look at persistent Lagrangian Coherent Structures (LCS)**

**Giudici, Andrea**; Suara, Kabir Adewale; **Soomere, Tarmo**; Brown, Richard J. Journal of marine systems 2021 / art. 103514, 8 p. : ill., map <https://doi.org/10.1016/j.jmarsys.2021.103514> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Transformation of internal breathers in the idealised shelf sea conditions**

Rouvinskaya, Ekaterina; Talipova, Tatyana; Kurkina, Oxana; **Soomere, Tarmo**; Tyugin, Dmitry Continental shelf research 2015 / p. 60–71 <https://doi.org/10.1016/j.csr.2015.09.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Understanding harmful algae in stratified systems: Review of progress and future directions**

Berdalet, E.; McManus, M.A.; Ross, O.N.; Burchard, H.; Chavez, F.P.; Jaffe, J.S.; Jenkinson, I.R.; Kudela, R.; **Lips, Inga**; **Lips, Urmas** Deep-sea research part II: Topical studies in oceanography 2014 / p. 4–20 : ill <https://doi.org/10.1016/j.dsr2.2013.09.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Upwelling characteristics in the Gulf of Finland (Baltic Sea) as revealed by Ferrybox measurements in 2007–2013**

**Kikas, Villu**; **Lips, Urmas** Ocean science 2016 / p. 843–859 : ill <https://doi.org/10.5194/os-12-843-2016> [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](#)

### **Using Lagrangian coherent structures to investigate upwelling and physical process in the Gladstone coastal region**

Ghosh, Anusmriti; Suara, Kabir Adewale; **Soomere, Tarmo**; Brown, Richard J. Journal of marine systems 2022 / art. 103731 <https://doi.org/10.1016/j.jmarsys.2022.103731> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Validation of marine geoid models by profile-wise GNSS measurements on ice surface**

Liibus, Aive; **Ellmann, Artu** Marine geodesy 2015 / p. 314–326 : ill <https://doi.org/10.1080/01490419.2015.1037408> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Validation of marine geoid models by utilizing hydrodynamic model and shipborne GNSS profiles**

**Varbla, Sander; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille** Marine geodesy 2020 / p. 134-162

<https://doi.org/10.1080/01490419.2019.1701153> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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 of bottom friction velocity along the inflow water pathway in the Baltic Sea**

**Zhurbas, Victor; Väli, Germo; 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 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](#)

**Variations in parameters of extreme value distributions of water level along the eastern Baltic Sea coast**

**Soomere, Tarmo; Eelsalu, Maris; Pindsoo, Katri** Estuarine, coastal and shelf science 2018 / p. 59-68 : ill

<https://doi.org/10.1016/j.ecss.2018.10.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Variations in the mean, seasonal and extreme water level on the Latvian coast, the eastern Baltic Sea, during 1961-2018**

**Männikus, Rain; Soomere, Tarmo; Viška, Maija** Estuarine, coastal and shelf science 2020 / art. 106827, 19 p

<https://doi.org/10.1016/j.ecss.2020.106827> [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](#)

**Wind-controlled transport of saltwater in the Southeastern Baltic Sea : a model study**

**Zhurbas, Victor; Väli, Germo** 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](#)

**The winter stratification phenomenon and its consequences in the Gulf of Finland, Baltic Sea**

**Liblik, Taavi; Väli, Germo; Lips, Inga; Lilover, Madis-Jaak; Kikas, Villu; Laanemets, Jaan** Ocean Science 2020 / p. 1475 - 1490

<https://doi.org/10.5194/os-16-1475-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)