

**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](#)

**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](#)

**Automatic calibration module for an urban drainage system model**

**Annus, Ivar; Vassiljev, Anatoli; Kändler, Nils; Kaur, Katrin** Water 2021 / art. 1419 <https://doi.org/10.3390/w13101419> [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](#)

**Biogenic methane contributes to the food web of a large, shallow lake**

Agasild, Helen; Zingel, Priit; Tuvikene, Lea; Tuvikene, Arvo; Timm, Henn; Feldmann, Tõnu; **Salujõe, Jaana; Toming, Kaire;** Jones, Roger I.; Nõges, Tiina Freshwater biology 2014 / p. 272-285 : ill <https://doi.org/10.1111/fwb.12263> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**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](#)

**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](#)

**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](#)

**A comparison of the palaeolimnology of Peipsi and Võrtsjärv: connected shallow lakes in north-eastern Europe for the twentieth century, especially in relation to eutrophication progression and water-level fluctuations**

Leeben, Aina; Freiberg, Rene; Tõnno, Ilmar; Kõiv, Toomas; **Alliksaar, Tiiu; Heinsalu, Atko** Hydrobiologia 2013 / p. 227-240 : ill  
<https://doi.org/10.1007/s10750-012-1209-7> [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.; Kesy, K.; **Laas, Peeter**; Magasin, J.; Zehr, J. P.; Labrenz, M.; Riemann, L. Estuarine, coastal and shelf science 2023 / art. 108527 <https://doi.org/10.1016/j.ecss.2023.108527> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**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](#)

**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***

**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](#)

**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](#)

**Determining reference conditions of hemiboreal lakes in Latvia, NE Europe: a palaeolimnological approach**

**Stivrinš, Normunds**; Grudzinska, Ieva; Elmi, Kati; **Heinsalu, Atko; Veski, Siim** Annales de limnologie - International journal of limnology 2018 / art. 22, 12 p <https://doi.org/10.1051/limn/2018014> [http://www.esther.ee/record=b2246661\\*est](http://www.esther.ee/record=b2246661*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**Development of large shallow Lake Peipsi (North-Eastern Europe) over the Holocene based on the stratigraphy of**

### phosphorus fractions

Kisand, Anu; Kirs, Anna-Liisa; Ehapalu, Kristiina; **Alliksaar, Tiiu**; **Heinsalu, Atko**; Tõnno, Ilmar; Leeben, Aina; Nõges, Peeter  
Journal of paleolimnology 2017 / p. 43-56 : ill <https://doi.org/10.1007/s10933-017-9954-2> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

### 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](#)

### Drivers of peat accumulation rate in a raised bog : impact of drainage, climate, and local vegetation composition

**Stivriņš, Normunds**; Ozola, I.; Galka, Mariusz; Kuske, E.; **Alliksaar, Tiiu**; Andersen, T. J.; Lamentowicz, M.; Wulf, Sabine; **Reitalu, Triin** Mires and peat 2017 / art. 8, p. 1-19 : ill <https://doi.org/10.19189/MaP.2016.OMB.262> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

### Ecohydraulics of river flow alterations and impacts on freshwater fish

Boavida, Isabel; Díaz-Redondo, Maria; **Fuentes-Pérez, Juan Francisco**; Hayes, Daniel S.; Jesus, Joaquim; Moreira, Miguel; Belmar, Oscar; Vila-Martínez, Núria; Palau-Nadal, Antoni; Costa, Maria João Limnetica 2020 / p. 213-232  
<https://doi.org/10.23818/limn.39.14> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Ecotoxicity of nanosized magnetite to crustacean Daphnia magna and duckweed Lemna minor

Blinova, Irina; **Kanarbik, Liina**; Irha, Natalja; Kahru, Anne Hydrobiologia 2017 / p. 141-149 : ill <https://doi.org/10.1007/s10750-015-2540-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Editorial: Air-sea interaction and oceanic extremes

Wu, Lichuan; Song, Jinbao; Esters, Leonie; **Alari, Victor** Frontiers in Marine Science 2024 / art. 1522866  
<https://doi.org/10.3389/fmars.2024.1522866> [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](#)

### 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](#)

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

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

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

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

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

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

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

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

### **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](#)

### **Exposure to sublethal concentrations of Co<sub>3</sub>O<sub>4</sub> and Mn<sub>2</sub>O<sub>3</sub> nanoparticles induced elevated metal body burden in *Daphnia magna***

Heinlaan, Margit; **Muna, Marge; Juganson, Katre**; Oriekhova, Olena; Stoll, Serge; Kahru, Anne; Slaveykova, Vera Aquatic toxicology 2017 / p. 123-133 : ill <https://doi.org/10.1016/j.aquatox.2017.06.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Extending multi-criteria coastal vulnerability assessment to low-lying inland areas: Examples from Estonia, eastern Baltic Sea**

**Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo** Estuarine, coastal and shelf science 2024 / art. 109014  
<https://doi.org/10.1016/j.ecss.2024.109014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Extreme inundation statistics on a composite beach**

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

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

**Sildever, Sirje**; Stewart, Rebecca I. A.; Tesson, Sylvie V. M. European journal of phycology 2024 / p. 169-183  
<https://doi.org/10.1080/09670262.2023.2274080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Feasibility study on distributed flow sensing with inertial sensors in aquaculture fish cages**

**Ristolainen, Asko; Piho, Laura; Kruusmaa, Maarja** Aquacultural Engineering 2022 / art. 102271, 9 p. : ill  
<https://doi.org/10.1016/j.aquaeng.2022.102271> [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](#)

### **Fish body geometry reduces the upstream velocity profile in subcritical flowing waters**

Bensing, Katharina; **Tuhtan, Jeffrey Andrew; Toming, Gert; Khan, Ali Hassan**; Lehmann, Boris Aquatic sciences 2022 / p. 1-14 : ill <https://doi.org/10.1007/s00027-022-00863-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fish fauna and fisheries of large European rivers: examples from the Volga and the Danube**

Schletterer, Martin; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; **Tuhtan, Jeffrey Andrew** Hydrobiologia 2018 / p. 45-60 : ill  
<https://doi.org/10.1007/s10750-017-3370-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **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, Germo**; 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; Liloover, 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

**Holocene shifts in the primary producer community of large, shallow European Lake Peipsi, inferred from sediment pigment analysis**

Tõnno, Ilmar; Nauts, Kristiina; Belle, Simon; **Alliksaar, Tiit** Journal of paleolimnology 2019 / p. 403–417 : ill  
<https://doi.org/10.1007/s10933-019-00067-3> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Homogeneous microbial diversity in the upper sediment layers of a shallow lake**

Tšertova, Natalja; **Kisand, Anu**; Baty, Florent; Kisand, Veljo Aquatic Microbial Ecology 2013 / p. 77 - 85  
<https://doi.org/10.3354/ame01647> 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 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

**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

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

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

**Influence of 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

**Influencia de factores ambientales y biométricos en la capacidad de nado del barbo ibérico (Luciobarbus bocagei Steindachner, 1864), un ciprínido potamódromo endémico de la Península Ibérica**

Ruiz-Legazpi, J.; Sans-Ronda, F.J.; Bravo-Cordoba, F.J.; **Fuentes-Pérez, Juan Francisco** Limnetica 2018 / p. 251-265 : ill  
<https://doi.org/10.23818/limn.37.21> Journal metrics at Scopus Article at Scopus Journal metrics at Scopus Article at Scopus

**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 decision support system for pluvial flood-resilient spatial planning in urban areas**

**Truu, Murel; Annus, Ivar; Roosimägi, Janet; Kändler, Nils; Vassiljev, Anatoli; Kaur, Katrin** Water 2021 / art. 3340, 19 p. : ill  
<https://doi.org/10.3390/w13233340> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

**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](#)

**Late glacial and early Holocene climate and environmental changes in the eastern Baltic area inferred from sediment C/N ratio**

**Liiv, Merlin; Alliksaar, Tiiu; Amon, Leeli;** Freiberg, Rene; **Heinsalu, Atko; Reitalu, Triin; Saarse, Leili;** Seppä, Heikki; **Stivrinš, Normunds;** Tõnno, Ilmar; **Vassiljev, Jüri; Veski, Siim** Journal of paleolimnology 2019 / p. 1–16 : ill <https://doi.org/10.1007/s10933-018-0041-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Life history of anadromous burbot (Lota lota, Linneaus) in the brackish Baltic Sea inferred from otolith microchemistry**

**Rohtla, Mehis;** Vetemaa, Markus; Taal, Imre; Svrgsdén, Roland; **Urtson, Kristjan;** Saks, Lauri; Verliin, Aare; Kesler, Martin; Saat, Toomas Ecology of freshwater fish 2014 / p. 141-148 : ill <https://doi.org/10.1111/eff.12057> [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](#)

**Lipoxygenase-allene oxide synthase pathway in octocoral thermal stress response**

**Lõhelaid, Helike; Teder, Tarvi; Samel, Nigulas** Coral reefs 2015 / p. 143-154 : ill <https://doi.org/10.1007/s00338-014-1238-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Long-Term Consequences of Water Pumping on the Ecosystem Functioning of Lake Sekšu, Latvia**

**Zawiska, Izabela; Dimante-Deimantovica, Inta; Luoto, Tomi P.; Stivrinš, Normunds** Water 2020 / art. 1459  
<https://doi.org/10.3390/w12051459> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Long-term effects of climate change on carbon flows through benthic secondary production in small lakes**

**Belle, Simon; Musazzi, Simona; Tõnno, Ilmar; Poska, Anneli;** Leys, Bérangère; Lami, Andrea Freshwater biology 2018 / p. 530-538 : ill <https://doi.org/10.1111/fwb.13090> [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](#)

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

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

**Mass entrapment and lysis of Mesodinium rubrum cells in mucus threads observed in cultures with Dinophysis**

**Ojamäe, Karin;** Hansen, P. J.; **Lips, Inga** Harmful Algae 2016 / p. 77-84 : ill <https://doi.org/10.1016/j.hal.2016.02.001> [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 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](#)

**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](#)

**Novel membrane-associated prostaglandin E synthase-2 from crustacean arthropods**

**Hansen, Kristella; Varvas, Külliki; Järving, Ivar; Samel, Nigulas** Comparative biochemistry and physiology. Part B, Biochemistry and molecular biology 2014 / p. 45-52 : ill <https://doi.org/10.1016/j.cbpb.2014.05.004> [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; Zhurbas, 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; Zhurbas, 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**

Delpeche-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](#)

**Offshore wind power plant site selection in the Baltic Sea**

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo; Koivisto, Matti J. Regional studies in marine science 2024 / art.

103469 <https://doi.org/10.1016/j.rsma.2024.103469> [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](#)

**Overview of the (Smart) Stormwater Management around the Baltic Sea**

Suits, Kristjan; Annus, Ivar; Kändler, Nils; Karlsson, Tobias; Van Maris, Antonius; Kaseva, Antti; Kotoviča, Nika; Kuttuva Rajarao, Gunaratna Water 2023 / art. 1623 <https://doi.org/10.3390/w15081623> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Oxidation of aqueous dexamethasone solution by gas-phase pulsed corona discharge**

Onga, Liina; Kattel-Salusoo, Eneliis; Trapido, Marina; Preis, Sergei Water 2022 / art. 467 <https://doi.org/10.3390/w14030467> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Oxidation of aqueous naproxen using gas-phase pulsed corona discharge : impact of operation parameters**

Kopecka, Romana; Onga, Liina; Preis, Sergei Water 2022 / art. 3327 <https://doi.org/10.3390/w14203327> [Journal metrics at Scopus](#)

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

**Palaeoclimate inferred from  $\delta^{18}\text{O}$  and palaeobotanical indicators in freshwater tufa of Lake Äntu Sinijärv, Estonia**  
Laumets, Liina; Kalm, Volli; **Poska, Anneli**; Kele, Sándor; Lasberg, Katrin; **Amon, Leeli** Journal of paleolimnology 2014 / p. 99-111 : ill <https://doi.org/10.1007/s10933-013-9758-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Past environmental change and seawater intrusion into coastal Lake Lilaste, Latvia**  
**Grudzinska, Ieva; Vassiljev, Jüri; Saarse, Leili; Reitalu, Triin; Veski, Siim** Journal of paleolimnology 2017 / p. 257-271 : ill <https://doi.org/10.1007/s10933-017-9945-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The pH tolerance range of the airborne species *Tetracystis vinatzeri* (Chlorophyceae, Chlamydomonadales)**  
Tesson, Sylvie V. M.; **Sildever, Sirje** European journal of phycology 2023 / 11 p <https://doi.org/10.1080/09670262.2023.2260444> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Phytoplankton response to the environmental and climatic variability in a temperate lake over the last 14,500 years in eastern Latvia**  
**Stivriņš, Normunds**; Kołaczek, Piotr; **Reitalu, Triin**; Seppä, Heikki T.; **Veski, Siim** Journal of Paleolimnology 2015 / p. 103 - 119 <https://doi.org/10.1007/s10933-015-9840-8> [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](#)

**Progress in physical oceanography of the Baltic Sea during the 2003-2014 period**  
Omstedt, Anders; **Elken, Jüri**; Lehmann, Andreas; Leppäranta, Matti; Meier, H.E. Markus; Myrberg, Kai; Rutgersson, Anna Progress in Oceanography 2014 / p. 139-171 : ill <https://doi.org/10.1016/j.pocean.2014.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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 longshore sediment transport and compartments in urban areas : a case study of shores of Tallinn, the Baltic Sea**  
**Eelsalu, Maris; Viigand, Katri** Regional studies in marine science 2023 / art. 103199 <https://doi.org/10.1016/j.rsma.2023.103199> [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](#)

**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; Anshütz, 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](#)

**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](#)

**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



**Ripening and sensory properties of spice-cured sprats and sensory properties development**

**Timberg, Loreida**; Koppel, Kadri; **Kuldjärv, Rain**; **Paalme, Toomas** Journal of aquatic food product technology 2014 / p. 129-145 : ill <https://doi.org/10.1080/10498850.2012.700003> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Seasonal and daily upstream movements of brown trout *Salmo trutta* in an Iberian regulated river**

Garcia-Vega, Ana; Sanz-Ronda, Francisco Javier; **Fuentes-Pérez, Juan Francisco** Knowledge and management of aquatic ecosystems 2017 / art. 9, p. 1-9 : ill <https://doi.org/10.1051/kmae/2016041> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Seasoned sprat products acceptance in Estonia and in Thailand**

**Timberg, Loreida**; Koppel, Kadri; **Kuldjärv, Rain**; Chambers IV, Edgar; Soontrunnarudrungsri, Aussama; Suwonsichon, Suntaree; **Paalme, Toomas** Journal of aquatic food product technology 2014 / p. 552-566 : ill <https://doi.org/10.1080/10498850.2012.735748> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Sedimentary carbon forms in relation to climate and phytoplankton biomass in a large, shallow, hard-water boreal lake**

Ehapalu, Kristiina; Tõnno, Ilmar; **Reitalu, Triin**; **Alliksaar, Tiiu**; **Liiv, Merlin**; Freiberg, Rene; Nõges, Peeter Journal of paleolimnology 2017 / p. 81-93 : ill <https://doi.org/10.1007/s10933-016-9931-1> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**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

**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

**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

**The stress protein HSP70 from the marine sponge *Thenea muricata***

**Vallmann, Kerli**; **Kivisild, Carmen**; **Lopp, Annika**; Rapp, Hans Tore; **Kelve, Merike** Journal of the Marine Biological Association of

the United Kingdom 2016 / p. 573-581 : ill <https://doi.org/10.1017/S0025315415002234> [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**

Zhurbas, Victor; **Väli, Germo**; 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](#)

**A study on the ice resistance characteristics of ships in rafted ice based on the circumferential crack method**

Huang, Jiayu; Diao, Feng; Ding, Shifeng; Han, Sen; **Kujala, Pentti Jouko Sakari**; Zhou, Li Water 2024 / art. 854  
<https://doi.org/10.3390/w16060854> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

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

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

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

**Salm, Kai**; **Liblik, Taavi**; **Lips, Urmas** 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](#)

**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 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 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](#)

**Toward unified pH of saline solutions**

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

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

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

**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](#)

### **Understanding the use of heterogenous data in tackling urban flooding : an integrative literature review**

Ren, Ming; Zhang, Ziqi; Zhang, Jun; **Mora, Luca** Water (Switzerland) 2022 / art. 2160 <https://doi.org/10.3390/w14142160> [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**; Ikaunieca, 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](#)

### **Variability in the water footprint of arable crop production across European regions**

Gobin, Anne; Kersebaum, Kurt Christian; Eitzinger, Josef; Trnka, Miroslav; **Saue, Triin** Water 2017 / art. 93, p. 1-22 : ill <https://doi.org/10.3390/w9020093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Zhurbas, Victor; **Väli, Germa**; 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](#)

### **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](#)

### **Villemonte's approach : a general method for modeling uniform and non-uniform performance in stepped fishways**

**Fuentes-Pérez, Juan Francisco**; Garcia-Vega, Ana; Sanz-Ronda, Francisco Javier; Martínez de Azagra Paredes, Andres Knowledge and management of aquatic ecosystems 2017 / art. 23, p. 1-11 : ill <https://doi.org/10.1051/kmae/2017013> [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, Germa** Frontiers in marine science 2022 / art. 835656 <https://doi.org/10.3389/fmars.2022.835656> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Wind-driven residual circulation and related oxygen and nutrient dynamics in the Gulf of Finland (Baltic Sea) in winter**

**Lips, Urmas**; **Laanemets, Jaan**; **Lips, Inga**; **Liblik, Taavi**; **Suhhova, Irina**; Suursaar, Ülo Estuarine, coastal and shelf science 2017 / p. 4-15 : ill <https://doi.org/10.1016/j.ecss.2016.10.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)