

**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**

**Anus, 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](#)

**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](#)

**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](#)

**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.; 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](#)

**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](#)

**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**  
**Stivriņš, 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.ester.ee/record=b2246661\\*est](http://www.ester.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; **Silvever, 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](#)

**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 *Limnética* 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](#)

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

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

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

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

**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](#)

**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 Co3O4 and Mn2O3 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](#)

**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](#)

**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](#)

### **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](#)

### **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, Jaako; 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](#)

### **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, Tiiu** *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](#)

### **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](#)

### **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](#)

### **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](#)

### **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](#)

### **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**; Tönno, 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](#)

**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](#)

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

Zawiska, Izabela; Dimante-Deimantovica, Inta; Luoto, Tomi P.; **Stivriņš, 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; Tönno, 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](#)

**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](#)

**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](#)

**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, Germo** 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, Germo** 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](#)

**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](#)

### **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](#)

### **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](#)

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

**Liblik, Taavi;** Karstensen, J.; 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](#)

### **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](#)

### **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, Germo** *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](#)

### **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](#)

### **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](#)

### **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](#)

### **Spatiotemporal variability of microplastics in the Eastern Baltic Sea**

**Mishra, Arun; Buhhalko, Natalja; Lind, Kati; Lips, Inga; Liblik, Taavi; Väli, Germo; Lips, Urmas** *Frontiers in marine science* 2022 / art. 875984 <https://doi.org/10.3389/fmars.2022.875984> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Sildever, Sirje**; Kremp, Anke; Enke, Annely; **Buschmann, Fred; Maljutenko, Ilja; Lips, Inga** *Continental shelf research* 2017 / p. 46-55 : ill <https://doi.org/10.1016/j.csr.2016.11.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **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.

### **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](#)

### **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, Germo**; 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](#)

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

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

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

Zhubas, Victor; **Väli, 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](#)

### **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; Martinez 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**

Zhubas, 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](#)