

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

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

## **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](#)

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

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

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

**Kotta, Jonne; Raudsepp, Urmas; Szava-Kovats, Robert; Szava-Kovats, Robert; Aps, Robert; Armoskaite, Aurelija; Barda, Ieva; Bergström, Per; Futter, Martyn; Maljutenko, Ilja** Science of the total environment 2022 / art. 156230 ; 14 p. : ill <https://doi.org/10.1016/j.scitotenv.2022.156230> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Baltic Sea freshwater content**

**Raudsepp, Urmas; Maljutenko, Ilja; Barzandeh, Amirhossein; Uiboupin, Rivo; Lagemaa, Priidik** State of the Planet 2023 / 14 p <https://doi.org/10.5194/sp-1-osr7-7-2023>

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

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

## **Cod reproductive volume potential in the Baltic Sea**

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

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

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

## **Copernicus Marine Service Ocean State Report**

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

## **Copernicus Marine Service Ocean State Report. Issue 3**

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

## **Copernicus Marine Service Ocean State Report. Issue 4**

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

## **Copernicus Marine Service Ocean State Report, Issue 5**

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

Corrigendum to "Assessing the potential for sea-based macroalgae cultivation and its application for nutrient removal in the Baltic Sea" [Sci. Total Environ. 839 (2022) 156230] (Science of the Total Environment (2022) 839, (S0048969722033277), (10.1016/j.scitotenv.2022.156230))

**Kotta, Jonne; Raudsepp, Urmas; Szava-Kovats, Robert; Aps, Robert; Armoskaite, Aurelija; Barda, Ieva; Bergström, Per; Futter, Martyn Norman; Gröndahl, Fredrik; Hargrave, Matthew S.; Jakubowska, Magdalena; Jänes, Holger; Kaasik, Ants; Kraufvelin, Patrik; Kovaltchouk, Nikolaj A.; Krost, Peter; Kulikowski, Tomasz; Kõivupuu, Anneliis; Kotta, Ilmar; Lees, Liisi; Loite, Sander; Maljutenko, Ilja; Nylund, Göran Mikael; Paalme, Tiina; Paviá, Henrik; Andersone, Ingrida; Rahikainen, Moona M.; Sandow, Verena; Visch, Wouter; Yang, B.; Barboza, Francisco Rafael** Science of the Total Environment 2023 / art. 165870 <https://doi.org/10.1016/j.scitotenv.2023.165870> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti kliima ja keskkonnaseisundi võimalike muutuste hindamine atmosfääri-, mere- ja jõgede äravoolu dünaamiliste

### **mudelite tulemuste põhjal (EstKliima)**

**Raudsepp, Urmas; Jaagus, Jaak; Alari, Victor; Laanemets, Jaan; Maljutenko, Ilja; Reihan, Alvina; Sepp, Mait** Keskkonnakaitse ja -tehnoloogia teadus- ja arendustegevuse programmi teaberaamat 2010-2015 2015 / lk. 88-94 : ill [https://www.ester.ee/record=b4520841\\*est](https://www.ester.ee/record=b4520841*est)

### **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](#)

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

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

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

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

### **Framework for the environmental impact assessment of operational shipping**

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

### **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](#)

### **Implementing digital twin technology of the earth system in Destination Earth**

Wedi, Nils; Sandu, Irina; Bauer, Peter; Acosta, Mario; Andersen, Rune Carbuhn; Andrae, Ulf; Auger, Ludovic; Balsamo, Gianpaolo; **Baousis, Vasileios**; Bennett, Victoria; **Maljutenko, Ilja** *Journal of the European Meteorological Society* 2025 / art. 100015 <https://doi.org/10.1016/j.jemets.2025.100015> <https://www.sciencedirect.com/science/article/pii/S2950630125000092>

### **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](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### **Modelling of discharges from Baltic Sea shipping**

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

### **Modelling 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](#)

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

Kämä, Tuomas; Ljungemyr, Patrik; Falahat, Saeed; Ringgaard, Ida; Axell, Lars; Korabel, Vasily; Murawski, Jens; **Maljutenko, Ilja;** Lindenthal, Anja; Jandt-Scheelke, Simon; **Verjovkina, Svetlana;** Lorkowski, Ina; **Lagemaa, Priidik;** She, Jun; Tuomi, Laura; Nord, Adam; Huess, Vibeke Geoscientific Model Development 2021 / p. 5731 - 5749 <https://doi.org/10.5194/gmd-14-5731-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Nitrate, ammonium and phosphate pools in the Baltic Sea**

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

### **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](#)

### **Phytoplankton blooms in the Baltic Sea**

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

### **Pikaajaline termohaliinsete väljade simulatsioon Soome lahes**

Maljutenko, Ilja TTÜ üliõpilaste teadustööde konkursi kokkuvõtteid : Tipika teaduskonverents, 24. november 2011, Tallinn 2011 / lk. 9-10

### **Recent developments of the biogeochemical CMEMS - Baltic Sea Forecast products**

Schwichtenberg, Fabian; Lindenthal, Anja; Bruening, Thorger; Jandt, Simon; Lejungemyr, Patrik; **Maljutenko, Ilja** Abstracts : [BSSC 2019] 2019 / p. 312 [https://www.su.se/polopoly\\_fs/1.446756.1566224624!/menu/standard/file/abstracts\\_A5\\_ny.pdf](https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf)

### **Recent regime of persistent hypoxia in the Baltic Sea**

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

### **Reconstruction of Baltic gridded sea levels from tide gauge and altimetry observations using spatiotemporal statistics from reanalysis**

**Elken, Jüri; Barzandeh, Amirhossein; Maljutenko, Ilja; Rikka, Sander** Remote sensing 2024 / art. 2702 <https://doi.org/10.3390/rs16152702>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Quante, Markus; Moldanova, Jana; Eriksson, Martin; **Maljutenko, Ilja** 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 191-192 : ill [https://www.baltic-earth.eu/publications/IBESPublications/No\\_13\\_Helsingor\\_Proceedings/2ndBalticEarthConferenceProceedings\\_IBESP\\_No13\\_web.pdf](https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf)

### **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](#)

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

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

### **Tehnikaülikooli teadlased näevad soojusenergia allikana Läänemerd**

Elektriala 2024 / lk. 9 : fot [https://www.ester.ee/record=b1240496\\*est](https://www.ester.ee/record=b1240496*est)

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

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

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

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

### **Water circulation in gulf type regions of freshwater influence - the Gulf of Finland and Gulf of Riga = Vee tsirkulatsioon poolsuletud magevee mõjualas - Soome lahes ja Liivi lahes**

**Maljutenko, Ilja** 2019 <https://digi.lib.ttu.ee/?12438>