

A typical wave wake from high-speed vessels : its group structure and run-up

Didenkulova, Irina; Rodin, Artem Nonlinear processes in geophysics 2013 / p. 179-188 : ill

Analysing Lagrangian timescales in the Gulf of Finland

Viikmäe, Bert; Torsvik, Tomas The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 46 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Analysis of the performances of hyperspectral lidar for water pollution diagnostics

Sobolev, Innokenti; Babichenko, Sergey EARSeL eProceedings 2013 / p. 113-123 : ill

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>

Application of the wavelet transform for feature extraction in the analysis of hyperspectral laser-induced fluorescence data

Sobolev, Innokenti; Babichenko, Sergey International journal of remote sensing 2013 / p. 7218-7235 : ill

Assessing the eutrophication status of Estonian marine waters

Stoicescu, Stella-Theresa; Lips, Urmas; Lips, Inga Фундаментальная и прикладная гидрофизика 2018 / с. 62-74

<https://doi.org/10.7868/S2073667318020053> http://hydrophysics.info/wp-content/uploads/2018/06/Stoicescu_%D0%B0.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Characteristic properties of different vessel wake signals

Didenkulova, Irina; Sheremet, Alex; Torsvik, Tomas; Soomere, Tarmo Journal of coastal research 2013 / p. 213-218 : ill

Concluding remarks

Soomere, Tarmo Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. 417-420

Data assimilation of sea surface temperature and salinity using basin-scale reconstruction from empirical orthogonal functions : a feasibility study in the northeastern Baltic Sea

Zujev, Mihhail; Elken, Jüri; Lagemaa, Priidik Ocean science 2021 / p. 91-109 : ill <https://doi.org/10.5194/os-17-91-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deeper insights into the validation of hydrodynamic models using a synergy of remote sensing data

Delpeche-Ellmann, Nicole Camille; Varbla, Sander; Jahanmard, Vahidreza; Ellmann, Artu Baltic Earth Workshop Climate projections and uncertainties in the northern Baltic Sea region, Helsinki, Finland, 19-20 November, 2019 : Programme, Abstracts, Participants 2019 / p. 14-15

Demonstration of annual/quarterly assessments and description of the production system

Lips, Urmas; Samlas, Oliver; Korabel, Vasily; She, Jun; Stoicescu, Stella-Theresa; Cusack, Caroline 2022 https://doi.org/10.3289/eurosea_d6.2

Development of a common toolbox to validate forecast products and reanalysis within the Baltic CMEMS group

Jandt, Simon; Verjovkina, Svetlana; Lagemaa, Priidik; Lorkowski, Ina; Schenk, Ludwig; Janssen, Frank; Kärnä, Tuomas; Axell, Lars; Falahat, Saeed; Huess, Vibeke; Golbeck, Inga; Nord, Adam Abstracts : [BSSC 2019] 2019 / p. 303 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Development of benthic monitoring strategies in the Baltic Sea

Nygaard, Henrik; Lindegarth, Mats; Darr, Alexander; Dinesen, Grete E.; Eigaard, Ole R.; Lips, Inga Abstracts : [BSSC 2019] 2019 / p. 309 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

DNA metabarcoding: Guidelines to monitor phytoplankton diversity and distribution in marine and brackish waters

Jerney, Jacqueline; Hällfors, Heidi; Jakobsen, Hans; Jurgensone, Iveta; Karlson, Bengt; Kremp, Anke; Lehtinen, Sirpa; Majaneva, Markus; Meissner, Kristian; Norros, Veera; Sildever, Sirje; Suikkanen, Sanna; Teeveer, Karolin 2023 <http://https://www.norden.org/en/publication/dna-metabarcoding>

Eesti mereala katmine nutipoidesuperjaamadega aitaks hõlpsasti tuvastada reostust ja hoiatada sinivetika eest

rohe.geenius.ee 2023 [Eesti mereala katmine nutipoidesuperjaamadega aitaks hõlpsasti tuvastada reostust ja hoiatada sinivetika eest](#)

Eesti teadlaste uus süsteem ennustab lekkivate laevavrakkide kahju = Estonian scientists develop new shipwreck pollution prediction system

Harrik, Airika novaator.err.ee 2023 [Eesti teadlaste uus süsteem ennustab lekkivate laevavrakkide kahju](#) [Estonian scientists develop new shipwreck pollution prediction system](#)

Euro-Argo in work and new potential of gliders in the Baltic Sea BOOS [Online resource]

Alenius, Pekka; Tikka, K.; **Lips, Urmas**; Tuomi, Laura; Purokoski, Tero; Roiha, Petra; Siirä, S. Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 143-148 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Euro-Argo in work and new potential of gliders in the Baltic Sea BOOS [Online resource]

Alenius, Pekka; Tikka, Kimmo; **Lips, Urmas** International Conference Operational Oceanography Serving Sustainable Marine Development : 3-5 October 2017, Bergen, Norway : book of abstracts 2017 / p. 19-20
http://eurogoos.imr.no/resources/EuroGOOS_Conference_2017_BoA.pdf

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

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

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

Delpeche-Ellmann, Nicole Camille; Mingelaite, Toma; Soomere, Tarmo Journal of marine systems 2017 / p. 21-30 : ill
<https://doi.org/10.1016/j.jmarsys.2016.10.007>

Examining the role of bottom topography on coastal upwelling jets using a synergy of in-situ, satellite and model data in the Gulf of Finland, Baltic Sea

Delpeche-Ellmann, Nicole Camille; Döös, Kristofer; Viikmäe, Bert; Soomere, Tarmo Geophysical research abstracts 2018 / p. EGU2018-15364 <https://meetingorganizer.copernicus.org/EGU2018/EGU2018-15364.pdf>

Fast shoreline erosion induced by ship wakes in a coastal lagoon : field evidence and remote sensing analysis

Zaggia, Luca; Lorenzetti, Giuliano; Manfe, Giorgia; **Soomere, Tarmo** PLoS ONE 2017 / art. e0187210, p. 1-23 : ill
<https://doi.org/10.1371/journal.pone.0187210>

FerryBoxes within Europe : state-of-the-art and integration in the European Ocean Observation System (EOOS) [Online resource]

Petersen, W.; Colijn, F.; Gorringer, P.; Kaitala, S.; Karlson, B.; King, A.; **Lips, Urmas** Operational oceanography serving sustainable marine development : proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 63-70 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

High resolution TSM mapping of dredging operations using automated UAV activated by online in situ measurements : proof on concept

Rikka, Sander; Kõuts, Tarmo; Pärt, Siim; Vahter, Kaimo The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 83 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Impact of horizontal eddy-diffusivity on Lagrangian statistics for coastal pollution from a major marine fairway

Viikmäe, Bert; Torsvik, Tomas; Soomere, Tarmo Ocean dynamics 2013 / p. 589-597 : ill

Kosmosest merele vaadates ehk mida sealt on näha ja mis on peidetud

Elken, Jüri Horisont 2013 / lk. 50-55 : ill

Külm on Läänemerest juba veerandi jäätteki alla surunud

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

Mere seisundi parandamine maksab üle 46 miljoni euro

jarvateataja.postimees.ee 2023 [Mere seisundi parandamine maksab üle 46 miljoni euro](#)

Mereseire telekommunikatsioonisüsteemid

Ader, Lembit Raadiotehnika '97 : ettekannete materjalid 1997 / lk. 37-42

Mitmekihiline mereuurimine

Lips, Urmas Horisont 2021 / lk. 36-40 : fot https://www.ester.ee/record=b1072243*est

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

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

Natural sound estimation in shallow water near shipping lanes

Mustonen, Mirko; Klauson, Aleksander; Folegot, Thomas; Clouennec, Dominique The Journal of the Acoustical Society of America 2020 / p. 177-183 <https://doi.org/10.1121/10.0000749> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at](#)

On the turbidity dynamics in the near-bottom layer of the Gulf of Finland

Buschmann, Fred; Suhhova, Irina; Liblik, Taavi; Lips, Urmas The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 16 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Operational in situ oil spill detection in the Baltic Sea, using FerryBox system equipped with oil sensor [Online resource]

Kõuts, Tarmo; Pärt, Siim; Vahter, Kaimo International Conference Operational Oceanography Serving Sustainable Marine Development : 3-5 October 2017, Bergen, Norway : book of abstracts 2017 / p. 50 http://eurogoos.imr.no/resources/EuroGOOS_Conference_2017_BoA.pdf

Operational in situ oil spill detection in the Baltic sea using FerryBox system equipped with oil sensor

Pärt, Siim; Kõuts, Tarmo; Vahter, Kaimo 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : Abstract book, 12-15 June 2018, Klaipėda, Lithuania 2018 / p. 51 http://apc.ku.lt/balticvalley/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Operational wave height monitoring using navigation buoys and marine radars in the Baltic Sea [Online resource]

Kõuts, Tarmo; Rikka, Sander; Käärmann, Leo; Usk, Aivar Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 157-163 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Operational wave height monitoring using navigation buoys and marine radars in the Baltic Sea [Online resource]

Kõuts, Tarmo; Rikka, Sander; Käärmann, Leo; Usk, Aivar International Conference Operational Oceanography Serving Sustainable Marine Development : 3-5 October 2017, Bergen, Norway : book of abstracts 2017 / p. 21 http://eurogoos.imr.no/resources/EuroGOOS_Conference_2017_BoA.pdf

Preface

Soomere, Tarmo; Quak, Ewald Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. xi-xii

Real time in situ oil-spill monitoring using FerryBox system equipped with UV-fluorometer

Pärt, Siim; Kõuts, Tarmo; Vahter, Kaimo The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 333 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Recent developments of the biogeochemical CMECS - 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

Ruhnu sai „Laine poisid“

Meie Maa 2021 / Lk. 3 <https://dea.digar.ee/article/meiemaa/2021/05/10/10.8>

Satelliidiseirel põhinevast Copernicuse mereteenusest on kasu nii kaluril kui tuulepargi arendajal [Võrguväljaanne]

keskkonnatehnika.ee 2022 [Satelliidiseirel põhinevast Copernicuse mereteenusest on kasu nii kaluril kui tuulepargi arendajal](#)

Sea surface temperature variations in the south-eastern Baltic Sea in 1960–2015

Rukšėnienė, Viktorija; Dailidienė, Inga; Kelpšaitė-Rimkienė, Loreta; **Soomere, Tarmo** Baltica 2017 / p. 75-85 : ill [http://www.gamtostyrimai.lt/uploads/documents/lediniai/Baltica/Vol-30-2-2017/Baltica%202017%20\(30-2\)%20%20Ruksiene%20et%20al.pdf](http://www.gamtostyrimai.lt/uploads/documents/lediniai/Baltica/Vol-30-2-2017/Baltica%202017%20(30-2)%20%20Ruksiene%20et%20al.pdf)

Sediment quality in Estonian western Gulf of Finland - with reference to the northern Gulf of Finland

Vallius, H.; Suuroja, Sten; Petersell, Valter; **Alliksaar, Tiit** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 109 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

SmartResponseWeb

Aps, Robert; Fetissov, Mihail; Jönsson, Anette; **Heinvee, Martin**; Kopti, Madli; **Tabri, Kristjan**; Tõnisson, Hannes The Gulf of Finland assessment 2016 / p. 342 <http://hdl.handle.net/10138/166296>

Strategies for sustainable and circular management of phosphorus in the Baltic Sea region : The holistic approach of the InPhos project

Smol, Marzena; Preisner, Michal; Bianchini, Augusto; **Voronova, Viktoria**; **Pachel, Karin** Sustainability 2020 / 21 p. : ill <https://doi.org/10.3390/su12062567> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stratification has strengthened in the Baltic Sea - an analysis of 35 years of observational data

Liblik, Taavi; Lips, Urmas Frontiers in earth science 2019 / art. 174, 15 p. : ill <https://doi.org/10.3389/feart.2019.00174> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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](#)

Tarmo Soomere ÜROs uuest Eesti rakendusest: riikidel tekib ka ilma kallite radariteta täielik pilt

Kald, Indrek ituudised.ee 2023 [Tarmo Soomere ÜROs uuest Eesti rakendusest: riikidel tekib ka ilma kallite radariteta täielik pilt Eestis välja töötatud tehnoloogia võimaldab laevu identifitseerida tekitatud lainete järgi ÜRO-s esitleti Eestis välja töötatud tehnoloogiat, mis ka kõige märkamatumad laevad ära tunneb](#)

Teadlased: Eesti saaks merealust taristut valvata veealuste mikrofonidega

Scientists: Estonia could monitor undersea infrastructure with microphones

Эстония могла бы контролировать подводные кабели с помощью микрофонов

Piir, Rait novaator.err.ee 2023 [Teadlased: Eesti saaks merealust taristut valvata veealuste mikrofonidega](#) [Scientists: Estonia could monitor undersea infrastructure with microphones](#) [Эстония могла бы контролировать подводные кабели с помощью микрофонов](#)

Testing marine data assimilation in the northeastern Baltic using satellite SST products from the Copernicus Marine Environment Monitoring Service

Zujev, Mihhail; Elken, Jüri Proceedings of the Estonian Academy of Sciences 2018 / p. 217-230 : ill <https://doi.org/10.3176/proc.2018.3.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Baltic Way Project

Soomere, Tarmo Preventive methods for coastal protection : towards the use of ocean dynamics for pollution control 2013 / p. xiii-xiv

The first overview of the microplastic pollution in the Estonian waters in the Gulf of Finland, Baltic Sea

Lips, Inga; Lind, Kati Abstracts : [BSSC 2019] 2019 / p. 293 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

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](#)

TTÜ teadlased töötasid välja reostuse leviku prognoosisüsteemi

Kuidas ennustada merel reostuse levikut?

keskkonnatehnika.ee 2023 [TTÜ teadlased töötasid välja reostuse leviku prognoosisüsteemi](#) [Kuidas ennustada merel reostuse levikut?](#)

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](#)

Validation of the new Sentinel-3 satellite altimetry data in the Baltic Sea basin

Kudryavtseva, Nadezhda; Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 311 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

В ООН представили разработанную в Эстонии технологию, которая распознает даже самые незаметные корабли rus.postimees.ee 2023 [В ООН представили разработанную в Эстонии технологию, которая распознает даже самые незаметные корабли](#)

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

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

Точные морские данные помогут в борьбе с высокими ценами на электроэнергию [Online resources]

Lutter, S. rus.err.ee 2022 [Точные морские данные помогут в борьбе с высокими ценами на электроэнергию](#)