

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

Accumulation of heavy minerals in the eastern coast of the Gulf of Riga, south-western Estonia

Järvelill, Johanna-lisebel; **Kleesment, Anne; Raukas, Anto** Bulletin of the Geological Society of Finland 2015 / p. 67 - 78
<https://doi.org/10.17741/bgsf/87.2.002> [Journal metrics at Scopus](#) [Article at Scopus](#)

Alongshore sediment transport analysis for a semi-enclosed basin: a case study of the Gulf of Riga, the Baltic Sea

Soomere, Tarmo; Jankowski, Mikołaj Zbigniew; Eelsalu, Maris; Parnell, Kevin Ellis; Viška, Maija Ocean Science 2025 / p. 619-641 <https://doi.org/10.5194/os-21-619-2025>

An evolution of freshwater bulge in laboratory scale experiments and natural conditions = Jõevee levik rannikumeres Riia lahe näitel

Soosaar, Edith 2016 http://www.esther.ee/record=b2630616*est

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](#)

Analüüs: meretuulikute ennustatav keskkonnamõju võib jäada väiksemaloleks [Võrguväljaanne]

Hellerma, Juhan novaator.err.ee "Analüüs: meretuulikute ennustatav keskkonnamõju võib jäada väiksemaloleks"

Baltic agriculture in transition - the contribution to nutrient loads in the Gulf of Riga drainage basin

Vagstad, Nils; Jansons, Viesturs; **Loigu, Enn**; Deelstra, Johannes International Conference on Agricultural Effects on Ground and Surface Waters : Research and Policy at the Edge of Science and Society : Wageningen, 2000 2000 / p. 1-9
https://www.researchgate.net/publication/267831903_Baltic_agriculture_in_transition-the_contribution_to_nutrient_loads_in_the_Gulf_of_Riga_drainage_basin

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](#)

Characterization of ice cover extent from MODIS imagery during different winter scenarios in the Gulf of Riga, Baltic Sea

Sitam, Laura; Uiboupin, Rivo; Sipelgas, 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. 127 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Currents in the Suur Strait and their role in the nutrient exchange between the Gulf of Riga and the Baltic Proper

Suursaar, Ülo; **Astok, Villu**; Kullas, Tiit; **Nömm, Avo**; Otsmann, Mikk Proceedings of the Estonian Academy of Sciences. Ecology 1995 / 3/4, p. 103-123: ill

Currents in the Suur Strait between the Gulf of Riga and the Baltic Proper

Suursaar, Ülo; **Astok, Villu**; Kullas, Tiit; Otsmann, Mikk; **Nömm, Avo** Ann. Geoph. / European Geophysical Society 1995 / p. 250

Differences in stationary and nonstationary analysis of water level extremes in Latvian waters, Baltic Sea, during 1961-2018

Männikus, Rain; Kudryavtseva, Nadezhda; Soomere, Tarmo 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p.74-75 : ill "proceedings"

Enefit Green: Baltic Sea ice ups cost of wind turbine construction

Klementi, Joakim news.err.ee 2023 [Enefit Green: Baltic Sea ice ups cost of wind turbine construction](#)

Enefit Green: jääne meri teeb tuulikute rajamise kallimaks

Klementi, Joakim err.ee 2023 [Enefit Green: jääne meri teeb tuulikute rajamise kallimaks](#)

Enefit Green: замерзшее море делает строительство ветряков дорож

Klementi, Joakim rus.err.ee 2023 [Enefit Green: замерзшее море делает строительство ветряков дорож](#)

Exponential distribution of wave-driven near-bed water speeds under short-crested waves: a case study in the eastern Gulf of Riga, the Baltic Sea

Eelsalu, Maris; Piho, Laura; Aigars, Juris; Kelpšaitė-Rimkienė, Loreta; Kondrat, Vitalijus; Kruusmaa, Maarja; Parnell, Kevin Ellis; Ristolainen, Asko; Šakurova, Ilona; Skudra, Māris; Viška, Maija; Soomere, Tarmo Proceedings of the Estonian Academy of

Geological surveys of the planned wind farm area in the eastern part of the Gulf of Riga

Tuuling, Igor; Suuroja, Sten; Veski, Anu; **Soosalu, Heidi Elisabet** Yearbook 2022 / Geological Survey of Estonia 2023 / p. 20-22 : ill https://www.estr.ee/record=b5231713*est https://www.estr.ee/record=b5258422*est

GIS-based multiproxy coastline reconstruction of the eastern Gulf of Riga, Baltic Sea, during the Stone Age

Habicht, Hando-Laur; Rosentau, Alar; Jõeleht, Argo; **Heinsalu, Atko**; Kriiska, Aivar; Kohv, Marko; Hang, Tiit; Aunap, Raivo Boreas 2017 / p. 83-99 : ill <https://doi.org/10.1111/bor.12157> [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](#)

Impact of changes in sea ice cover on the wave climate of semi-enclosed, seasonally ice-covered water bodies at temperate latitudes: a case study in the Gulf of Riga

Najafzadeh, Fatemeh; Soomere, Tarmo Estonian journal of earth sciences 2024 / p. 26-36 <https://doi.org/10.3176/earth.2024.03>

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](#)

Inter-annual changes in temperature, salinity and density distribution in the Gulf of Riga

Skudra, Maris; Lips, 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. 99 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Investigation of surface currents near Cape Kolka in the Gulf of Riga by use of surface drifters

Torsvik, Tomas; Viikmäe, Bert 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. 153 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Liivi lahe idaossa planeeritava tuulepargi ala geoloogilised uuringud

Tuuling, Igor; Suuroja, Sten; Veski, Anu; **Soosalu, Heidi Elisabet** Aastaraamat 2022 / Eesti Geoloogiateenistus 2023 / lk. 18-20 : ill https://www.estr.ee/record=b5231712*est https://www.estr.ee/record=b5258416*est

Liivi lahe jäälodule kaardistamine kaugseireandmete põhjal

Raag, Laura; Sipelgas, Liis; Uiboupin, Rivo Kaugseire Eestis 2014 : artiklikogumik 2014 / lk. 38-46 : ill., kaart

Liivi lahe süvakihtides napib hooajati hapnikku

Imeline Teadus 2023 / lk. 21 : fot https://www.estr.ee/record=b2747925*est

Läänemerri maksab 50 aastat tagasi tehtud rumaluste eest veel pikalt lõivu [Võrguväljaanne]

Velleste, Eget epl.delfi.ee 2021 ["Läänemerri maksab 50 aastat tagasi tehtud rumaluste eest veel pikalt lõivu."](#)

Läänemerri muutub üha soolasemaks = Baltic Sea is becoming more salty

Oidermaa, Jaan-Juhan novaator.err.ee 2023 [Läänemerri muutub üha soolasemaks Baltic Sea is becoming more salty](#)

Mesoscale variability and river plume dynamics in the Gulf of Riga (a model study)

Lips, Urmas; Zhurbas, Victor; Skudra, Maris; Väli, Gerko 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. 72 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Murtood – uued pinnavormid Eesti merepõhjas

Karpin, Vladimir Kuhu rändab Eesti geoloogia? : aprillikonverentsi teeside kogumik 2023 / lk. 12-13 https://www.estr.ee/record=b5552673*est

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, Gerko 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, 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

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 water level measurements in the Gulf of Riga during 1961-2016 [Online resource]

Männikus, Rain; Soomere, Tarmo; Kudryavtseva, Nadezhda 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 130-131 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Pidevmõõtmised paljastasid Liivi lahe süvakihi hapnikuvaeguse ulatuse

Paat & Merendus 2023 / lk. 8 : ill http://www.esther.ee/record=b4471304*est

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

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

Sediment transport patterns along the eastern coasts of the Baltic Sea = Settetranspordi mustrid Läänemere idarannikul Viška, Maija 2014 https://www.esther.ee/record=b4419095*est

Simulated and observed reversals of wave-driven alongshore sediment transport at the eastern Baltic Sea coast

Viška, Maija; Soomere, Tarmo Baltica 2013 / p. 145-156 : ill <https://doi.org/10.5200/baltica.2013.26.15> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Statistical characterization of the sea ice extent during different winter scenarios in the Gulf of Riga (Baltic Sea) using optical remote-sensing imagery

Sitam, Laura; Sipelgas, Liis; Pärn, Ove; Uiboupin, Rivo International journal of remote sensing 2017 / p. 617-638 : ill <https://doi.org/10.1080/01431161.2016.1268734> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Superelevations of water level in the Gulf of Riga [Online resource]

Männikus, Rain; Soomere, Tarmo; Kudryavtseva, Nadezhda Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 38 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Tallinna tehnikaülikool uurib Liivi lahe hapnikupuuduse tagamaid

parnu.postimees.ee 2023 [Tallinna tehnikaülikool uurib Liivi lahe hapnikupuuduse tagamaid](https://www.esther.ee/record=b4419095*est)

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

Variability of currents in the Suur Strait, Gulf of Riga

Suursaar, Ülo; Astok, Villu; Kullas, Tiit; Otsmann, Mikk; Nömm, Avo XVII Geofysiikanpäivät Oulussa, 11.-12.5.1995 1995 / p. 99-104

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

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

Water level dynamics in the eastern Baltic Sea, 1961-2018 = Läänemere idaranniku ja Liivi lahe veetaseme dünaamika 1961-2018

Männikus, Rain 2021 https://www.esther.ee/record=b5405724*est <https://digikogu.taltech.ee/et/item/87291e03-a0d0-4be8-a408-8ff45cb16f1d>
<https://doi.org/10.23658/taltech.12/2021>

Winds in the Gulf of Riga from QuikSCAT and ground-based measurements

Služenikina, Jekaterina; Keevallik, Sirje International Journal of Remote Sensing 2016 / p. 5731 - 5747

<https://doi.org/10.1080/01431161.2013.796098> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

