

Abrupt changes in wave climate of regional seas caused by large-scale atmospheric forcing and teleconnections
Kudryavtseva, Nadezhda Geophysical research abstracts 2020 / EGU2020-22430 <https://doi.org/10.5194/egusphere-egu2020-22430>

An experimental investigation of the breaking wave characteristics in coastal regions
Liiv, Toomas Fourth International Conference on Coastal and Port Engineering in Developing Countries : proceedings of the COPEDEC IV, Rio de Janeiro, Brazil, 25-29 September 1995. Vol. 3 1995 / p. 2334- 2343: ill

Analysing undisturbed bottom boundary layer profiles of some North-Estonian coastal areas
Erm, Ants; Voll, Martin; Buschmann, Fred; Roots, Ott 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. 227 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Application of empirical orthogonal functions reveals multiple modes of variations in the Baltic Sea wave climate
Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo 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. 50 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Attribution of coastline changes in the southern and eastern Baltic Sea to climate change driven modifications of main coastal drivers
Eelsalu, Maris; Soomere, Tarmo; Parnell, Kevin Ellis; Viška, Maija 4th Baltic Earth Conference Assessing the Baltic Sea Earth System : Jastarnia, Hel Peninsula, Poland, 30 May to 3 June 2022 : Conference Proceedings 2022 / p. 96-97 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/4bec_proceedings_web.pdf

Baltic Sea's eastern coast may face more frequent flooding in future
news.err.ee 2025 <https://news.err.ee/1609649489/baltic-sea-s-eastern-coast-may-face-more-frequent-flooding-in-future>

Beach nourishment pattern-placement along the Gold Coast
Colleter, Gildas; **Parnell, Kevin Ellis;** Wharton, Courtney; Hunt, Shannon Australasian Coasts and Ports 2019 Conference : Future directions from 40 [degrees] S and beyond, Hobart, 10-13 September 2019 2019 / p. 206-212 <https://search.informit.org/documentSummary;res=IENG;dn=796304364041360> <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075085429&partnerID=40&md5=d5477f4f696557d7b911063c8111d65c>

Benthic littoral communities in Kunda Bay - indicators of the quality of the coastal environment
Murumets, Kai; Martin, G.; Kukk, H. Oil Terminals in the Eastern Baltic - Environmental Problems : International Practical-Scientific Seminar, Latvia, Jurmala, May 29-June 2, 1997 : contribution abstracts 1997 / p. 49

A big wave at Pouto, Kaipara Harbour, New Zealand
Parnell, Kevin Ellis Journal of Coastal Research 2020 / p. 291-294 <https://doi.org/10.2112/JCR-SI101-053.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A case study of transverse jets in coastal upwellings from a Lagrangian transport perspective
Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo 55th International Liège Colloquium on Ocean Dynamics: Ocean Extremes: Liège, Belgium, 27-31 May 2024 2024 / 1 poster <https://gher-uliege.github.io/liege-colloquium-2024/>

Climate change and coastal processes in the Baltic Sea
Soomere, Tarmo Oxford Research Encyclopedia of Climate Science Oxford 2024 <https://doi.org/10.1093/acrefore/9780190228620.013.897>

Coastal area with or without wind turbines: a contingent valuation study in Estonia
Ehrlich, Üllas; Mürsepp, Margot Mathematical Modelling and Simulation in Applied Sciences : proceedings of the 3rd International Conference on Energy, Environment, Devices, Systems, Communications, Computers (INEEE'12) : Rovaniemi, Finland, April 18-20, 2012 2012 / p. 179-183 : ill

Coastal flooding : Joint probability of extreme water levels and waves along the Baltic Sea coast
Kudryavtseva, Nadezhda; Räämet, Andrus; 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. 70-71 : ill ["proceedings"](#)

Coastal land use planning in Ben Tre, Vietnam : constraints and recommendations
Nguyen, Tan Phong; **Parnell, Kevin Ellis** Heliyon 2019 / art. e01487, 21 p. : ill <https://doi.org/10.1016/j.heliyon.2019.e01487> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at Scopus](#)

Coastal management as a driver for earth system changes in the Baltic Sea region [Online resource]
Parnell, Kevin Ellis 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. 17-18 : ill https://www.baltic-earth.eu/multipledrivers2018/material/No.14_Tallinn2018.pdf

Coastal management options in the Baltic Sea, with particular reference to coastal infrastructure

Parnell, Kevin Ellis 2nd International Baltic Earth Workshop on Multiple Drivers of Earth system changes in the Baltic Sea region, Helsinki, 4-5 December 2024 : Abstracts 2024 / p. 18

https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/2nd_be_workshop_md_2024_helsinki_booklet.pdf

Comparison between modelled and measured wind wave parameters in Estonian coastal waters

Zaitseva-Pärnaste, Inga; Räämet, Andrus; Soomere, Tarmo Proceedings of the 2nd International Conference (school) on Dynamics of Coastal Zone of Non-tidal Seas : Baltiysk (Kaliningrad oblast, Russia), 26-30 June 2010 2010 / p. 106-110

Comparison of 3D model generation using Structure-from-Motion by open-source software and validation with LiDAR for revealing changes in eroding coastal cliffs

Zaitseva-Pärnaste, Inga; Herrmann, Heiko Journal of coastal research 2024 / p. 1054-1058 <https://doi.org/10.2112/JCR-SI113-206.1>

Comparison of dynamic topography bias in HIROMB and NEMO-Nordic model by utilizing marine geoid

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Geophysical research abstracts 2020 / p. EGU2020-20134 <https://doi.org/10.5194/egusphere-egu2020-20134>

Contribution of fundamental research towards solving challenges of changing times in coastal science and management

Soomere, Tarmo Research in Estonia : present and future 2011 / p. 206-226 : ill

Decision support tools for the management of eastern Baltic Sea coasts = Läänemere idaranniku haldamise otsuste tugivahendid

Barzehkar, Mojtaba 2024 https://www.ester.ee/record=b5713151*est <https://digikogu.taltech.ee/et/Item/97e33b31-f1d3-4b32-ae54-67f5d30d4fea> <https://doi.org/10.23658/taltech.67/2024>

Earthworm communities under coastal conditions of Baltic Sea

Ivask, Mari; Kuu, Annely; Sizov, Eduard 12th Nordic Soil Zoology Symposium and PHD course : Tartu, Estonia, August 28-31, 2009 : book of abstracts 2009 / p. 83-85

Eesti rannikul tasub karta hiidlaineid : [TTÜ teadurite Sirje Keevalliku ja Tarmo Soomere kommentaarid]

Ideon, Argo; **Keevallik, Sirje; Soomere, Tarmo** Eesti Ekspress 2005 / 6. okt., lk. A16

Eesti rannikul võib karta hiidlaineid : [Tarmo Soomere kommentaariga]

Soomere, Tarmo Linnaleht 2005 / 7. okt., lk. A5

Eesti tunneb puudust rannikuekspertidest

Soomere, Tarmo Äripäev 2006 / 4. mai, Tööstus, lk. 59

Ensemble approach for the projections of extreme water levels reveals bias in water level observations

Eelsalu, Maris; Soomere, Tarmo; Pindsoo, Katri; Lagemaa, Priidik 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. 85 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Et uputus ei tuleks ootamatult

Soomere, Tarmo Äripäev 2007 / 22. aug., lk. 26 <https://www.aripaev.ee/uudised/2007/08/21/et-uputus-ei-tuleks-ootamatult>

Evaluation of swot sea level data in the coastal areas of the Baltic Sea

Kupavõh, Aleksei; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu 30 years of progress in radar altimetry symposium, Montpellier, France, 2-7. Sept. 2024 : Abstract book 2024 / p. 213, art. 426 <https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/338507f0dac84686b1d40a263ba347c6>

Examining the performance of the sentinel-3 coastal altimetry in the Baltic Sea using a regional high-resolution Geoid model

Birgiel, Elzbieta; **Ellmann, Artu; Delpeche-Ellmann, Nicole Camille** 2018 Baltic Geodetic Congress : BGC Geomatics, Olsztyn, Poland, 21-23 June, 2018 : proceedings 2018 / p. 196-201 : ill <https://doi.org/10.1109/BGC-Geomatics.2018.00043>

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>

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

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo Estuarine, coastal and shelf science 2024 / art. 109014

<https://doi.org/10.1016/j.ecss.2024.109014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Food web responses to eutrophication control in a coastal area of the Baltic Sea

Skov, Henrik; Rasmussen, Erik Kock; **Kotta, Jonne**; Middelboe, Anne Lise; Uhrenholdt, Thomas; Žydelis, Ramunas Ecological modelling 2020 / art. 109249, 13 p. : ill <https://doi.org/10.1016/j.ecolmodel.2020.109249>

Forcing-dependent submesoscale variability and subduction in a coastal sea area (Gulf of Finland, Baltic Sea)

Salm, Kai; Väli, Germa; Liblik, Taavi; Lips, Urmas Ocean science 2025 / p. 2555-2577 <https://doi.org/10.5194/os-21-2555-2025>
[Article at Scopus](#)

From planning for society to planning with society. Integration of coastal fisheries into the maritime spatial planning

Aps, Robert; Fetissof, Mihail; **Kopti, Madli** Collaborative research in fisheries 2020 / p. 213–229 https://doi.org/10.1007/978-3-030-26784-1_13

Ground-dwelling spider fauna of flooded meadows in Matsalu, Estonia

Meriste, Mart; Helm, Aveliina; **Ivask, Mari** Wetlands 2016 / p. 525-537 : ill <https://doi.org/10.1007/s13157-016-0762-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Huvide konflikt tuuleenergia tootmises : nõudlus tuulegeneraatorite vaba ranniku järele

Mürsepp, Margot; Ehrlich, Üllas Eesti majanduspoliitilised väitlused : aktuaalsed Euroopa Liidu riikide probleemid. 2 : [artiklite kokkuvõtteid] 2012 / lk. 55-58

Huvide konflikt tuuleenergia tootmises : nõudlus tuulegeneraatorite vaba ranniku järele [Elektrooniline teavik]

Mürsepp, Margot; Ehrlich, Üllas Eesti majanduspoliitilised väitlused (artiklid) = Estnische Gespräche über Wirtschaftspolitik (Beiträge) = Discussions on Estonian economic policy (articles). 2 2012 / lk. 344-347 [CD-ROM]
https://www.ester.ee/record=b2774516*est

Iga eestlase unistus - oma villa otse merekaldal

Lapimaa, Triin Linnaleht 2006 / 7. juuni, lk. 20

Impact of flow-driven debris on coastal structure during tsunami Bore

Harish, S.; Sriram, V.; Sundar, V.; Sannasiraj, S.A.; **Didenkulova, Irina** Proceedings of the Fourth International Conference in Ocean Engineering (ICOE2018), vol. 2 2019 / p. 315-326 https://doi.org/10.1007/978-981-13-3134-3_24 [Conference proceedings metrics at Scopus](#) [Article at Scopus](#)

In search for management options of shores of the City of Tallinn, Estonia

Eelsalu, Maris; Männikus, Rain; Pindsoo, Katri; Soomere, Tarmo 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. 27
http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Inherent non-stationarity in the GEV distribution for extreme sea levels : Implications for coastal vulnerability in the Baltic Sea

Viigand, Katri; Eelsalu, Maris; Soomere, Tarmo Ocean engineering 2025 / art. 122681
<https://doi.org/10.1016/j.oceaneng.2025.122681>

An integrated decision support system for the resilience assessment of eastern Baltic Sea coasts

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo CoastGIS 2021 : Sustainable Coastal Management in a Changing World : conference proceedings 2021 / p. 12 <https://www.novia.fi/assets/Projectsites/CoastGIS/CoastGIS-2021-Book-of-Abstracts.pdf>

Integrating satellite altimetry and deep learning for enhanced sea level forecasting

Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu EGU General Assembly 2025 2025 / art. EGU25-9951
<https://meetingorganizer.copernicus.org/EGU25/EGU25-9951.html> <https://doi.org/10.5194/egusphere-egu25-9951>

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

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

Journal of Coastal Conservation special issue "Coast and society" : guest editorial

Harff, Jan; **Soomere, Tarmo**; Zhang, Hua Journal of Coastal Conservation 2019 / p. 713-716 : ill <https://doi.org/10.1007/s11852-019-00705-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kui palju loodus väärt on? "Ettevõtte ja ülikool" [Võrguväljaanne]

Edasi.org : innustav ja hariv ajakiri 2022 ["Kui palju loodus väärt on? "Ettevõtte ja ülikool""](#)

Liivi 1 mereala tuulepargi rajab Leedu ettevõtte

TööstusEST 2024 / lk. 19 https://www.ester.ee/record=b4481084*est

Long-term changes of waves at the German Baltic Sea coast: Are there trends from the past?

Dreier, Norman; **Männikus, Rain**; Fröhle, Peter Journal of coastal research 2020 / p. 1416-141621 <https://doi.org/10.2112/SI95-274.1>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lummavalt mitmekesised rannad

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 114-116 https://www.ester.ee/record=b5521198*est

Lummavalt mitmekesised rannad

Soomere, Tarmo Eesti Loodus 2018 / lk. 32-33 : fot http://www.ester.ee/record=b1072059*est

Läti ranniku veetase muutub viiekümne aastaga

Männikus, Rain Meremees : Eesti merendusajakiri = Estonian maritime magazine 2022 / lk. 28-29 : fot
https://www.ester.ee/record=b4646644*est https://issuu.com/ajakirimeremees/docs/meremees_2022_1-4
<https://digikogu.taltech.ee/et/Item/87291e03-a0d0-4be8-a408-8ff45cb16f1d>

Läänemere idarannik satub tulevikus sagedamini kõrgvete meelevalda

novaator.err.ee 2025 <https://novaator.err.ee/1609649417/laanemere-idarannik-satub-tulevikus-sagedamini-korgvete-meelevalda>

Läänemere jääkatte hääbumine laseb tormid rannikut rüüstama [Võrguväljaanne]

Oidermaa, Jaan-Juhan novaator.err.ee 2022 [Läänemere jääkatte hääbumine laseb tormid rannikut rüüstama](#)

Material and debris transport patterns in Moreton Bay, Australia : the influence of Lagrangian coherent structure

Suara, Kabir Adewale; Khanarmuei, Mohammadreza; Ghosh, Anusmriti; Yu, Yingying; Zhang, Hong; **Soomere, Tarmo**; Brown, Richard J. Science of the total environment 2020 / art. 137715 <https://doi.org/10.1016/j.scitotenv.2020.137715> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Millest sõltub väga kõrge ja madal veetase Väinameres?

Männikus, Rain Le.ee 2024 [Millest sõltub väga kõrge ja madal veetase Väinameres?](#)

Modelling of wave climate and sediment transport patterns at a tideless embayed beach, Pirita Beach, Estonia

Soomere, Tarmo; Kask, Andres; Kask, Jüri; Healy, Terry Journal of marine systems 2008 / Supplement, p. S133-S146
<https://www.sciencedirect.com/science/article/abs/pii/S0924796308002613>

Monitoring of coastal waves and velocities with a robotic platform

Piho, Laura; Egerer, Margit; Gkliva, Roza; Kruusmaa, Maarja; Ristolainen, Asko OCEANS 2024 - Halifax : proceedings 2024 / 5 p <https://doi.org/10.1109/OCEANS55160.2024.10754335> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Monitoring sediment transport in the coastal zone of Tallinn Bay

Buschmann, Fred; Erm, Ants; Alari, Victor; Listak, Madis; Rebane, Jaan; Toming, Gert 2012 IEEE/OES Baltic International Symposium (BALTIC) : May 8-11, 2012, Klaipeda, Lithuania : [proceedings] 2012 / p. 1-13 : ill
https://www.researchgate.net/publication/261379280_Monitoring_sediment_transport_in_the_coastal_zone_of_Tallinn_Bay

Multidecadal Shoreline Monitoring at Parengarenga, Northern New Zealand: From Dumpy Level to LiDAR

Parnell, Kevin Ellis; Hosking, Peter; McLean, Roger; Nichol, Scott Journal of coastal research 2020 / p. 165-171
<https://doi.org/10.2112/JCR-SI101-031.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oi kui kahju! Pakri poolsaare vaateplatvorm kadus igavikku

Köss, Annaliisa elu24.ee 2024 [«Oi kui kahju!» Pakri poolsaare vaateplatvorm kadus igavikku](#)

Old Pakri lighthouse also in danger of collapsing into sea

Rudi, Hanneli news.err.ee 2024 [Old Pakri lighthouse also in danger of collapsing into sea](#)

Pakri poolsaare vaateplatvorm varises 25 meetri kõrguselt merre

Köss, Annaliisa Postimees 2024 / Lk. 6 <https://dea.digar.ee/article/postimees/2024/01/18/3.14>

Periodic components in the near-shore variability in the eastern part of the Baltic Sea

Talpsepp, Lembit BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 167

Persistency of debris accumulation in tidal estuaries using Lagrangian coherent structures

Ghosh, Anusmriti; Suara, Kabir Adewale; McCue, Scott W.; Yu, Yingying; **Soomere, Tarmo**; Brown, Richard J. The science of the total environment 2021 / art. 146808, 12 p. : ill <https://doi.org/10.1016/j.scitotenv.2021.146808> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantifying exposedness of the eastern Baltic Sea shores with respect to extremely high and low water levels

Viigand, Katri; Eelsalu, Maris; Soomere, Tarmo Estuarine, coastal and shelf science 2025 / art. 109267
<https://doi.org/10.1016/j.ecss.2025.109267>

Randade ja kallaste täisehitamist võimaldav seadusemuudatus ohustab kõigile Eesti elanikele olulisi väärtusi [Võrguväljaanne]

postimees.ee 2022 "[Randade ja kallaste täisehitamist võimaldav seadusemuudatus ohustab kõigile Eesti elanikele olulisi väärtusi](#)"

Rannad tahavad vabalt hingata

Soomere, Tarmo; Parnell, Kevin Ellis Postimees 2021 / Lk. 15 <https://dea.digar.ee/article/postimees/2021/12/14/13.4>

Rannad tahavad vabalt hingata

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 122-124 https://www.ester.ee/record=b5521198*est
<https://dea.digar.ee/article/postimees/2021/12/14/13.4>

Ranniku õiguste nõidus

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 245-247 https://www.ester.ee/record=b5521198*est
https://www.ester.ee/record=b5054043*est <https://dea.digar.ee/article/postimees/2021/12/11/12.4>

Ranniku õiguste nõidus

Soomere, Tarmo Postimees 2021 / Lk. 8 <https://dea.digar.ee/article/postimees/2021/12/11/12.4>

Ranniku õiguste nõidus

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2021 2022 / lk. 105 https://www.ester.ee/record=b5054043*est

Reconsidering uncertainties of wave conditions in the coastal areas of the northern Baltic Sea

Räämet, Andrus; Suursaar, Ülo; Kullas, Tiit; Soomere, Tarmo Book of abstracts of the 10th International Coastal Symposium : 13-18 April, Lisbon, Portugal : ICS 2009 2009 / p. 59

Reconsidering uncertainties of wave conditions in the coastal areas of the northern Baltic Sea

Räämet, Andrus; Suursaar, Ülo; Kullas, Tiit; Soomere, Tarmo Journal of coastal research 2009 / Special issue 56, Proceedings of the 10th International Coastal Symposium ICS 2009. Volume I, p. 257-261 : ill

Recreational preferences of Estonian coastal landscapes and willingness-to-pay in comparison – a good tool for creating national beach management strategy

Reimann, Mart; Ehrlich, Üllas; Tõnisson, Hannes Beach management tools - concepts, methodologies and case studies 2018 / p. 895-912 https://doi.org/10.1007/978-3-319-58304-4_46 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Regional and local variability in coastal processes in Torres Strait, Australia, and its importance for climate change planning

Parnell, Kevin Ellis; Smithers, Scott G. Journal of coastal research 2020 / p. 616-620 <https://doi.org/10.2112/SI95-120.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Research: New method maps meltwater flows inside glaciers

Kruusmaa, Maarja news.err.ee 2023 [Research: New method maps meltwater flows inside glaciers Topology and spatial-pressure-distribution reconstruction of an englacial channel](#)

Sadamaehitiste ja rannikutehnika õpetamine

Soomere, Tarmo Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 32-37

Sandy coast cross-shore profile changes in a high wave energy environment, Palanga, Baltic Sea

Kelpšaitė-Rimkienė, Loreta; Kondrat, Vitalijus; **Parnell, Kevin Ellis** Geophysical research abstracts 2019 / p. EGU2019-10345
<https://meetingorganizer.copernicus.org/EGU2019/EGU2019-10345.pdf>

Sea-effect snowfall case in the Baltic Sea region analysed by reanalysis, remote sensing data and convection-permitting mesoscale modelling

Rannat, Kalev; Keernik, Hannes; Olsson, Taru; Post, Piia; Perttula, Tuuli; Kivi, Rigel; Voormansik, Tanel Geophysica 2018 / p. 65–91 : ill http://www.geophysica.fi/pdf/geophysica_2018_53_olsson.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Ship wake deformation in the surf zone analyzed by use of a time-frequency method

Torsvik, Tomas; Didenkulova, Ira The Proceedings of The Twenty-fifth (2015) International Ocean and Polar Engineering Conference, ISOPE 2015, Kona, Big Island, Hawaii, USA, June 21-26, 2015 2015 / p. 394-399 : ill
https://www.researchgate.net/publication/283535633_Ship_wake_deformation_in_the_surf_zone_analyzed_by_use_of_a_time-frequency_method
[Conference proceedings at Scopus](#) [Article at Scopus](#)

Simulation of wave damping near coast due to offshore wind farms

Alari, Victor; Raudsepp, Urmas Journal of coastal research 2012 / p. 143-148 : ill <https://bioone.org/journals/Journal-of-Coastal-Research-JCR/volume-28/issue-1/JCOASTRES-D-10-00054.1/Simulation-of-Wave-Damping-Near-Coast-due-to-Offshore-Wind/10.2112/JCOASTRES-D-10-00054.1.short>

Soe jätab rannad tormituulte valda

Maran, Kaur Postimees 2020 / Lk. 17 : ill [Soe jätab rannad tormituulte valda](#)

Spatial conflict resolution and coastal zone management for Haapsalu Bay

lital, Arvo; Vilta, Krista; Loigu, Enn; Kurba, Jüri Conflict resolution in coastal zone management 2008 / p. 127-143 : ill

Spatio-temporal changes in the components of extreme water levels on Estonian coasts = Ekstreemsete veetasemete komponentide ajalis-ruumiline muutlikkus Eesti rannikul

Pindsoo, Katri 2017 <https://digi.lib.ttu.ee/i/?8647> https://www.ester.ee/record=b4693671*est

Studies of composition of bottom sediments and bathymetric features of Pirita shore

Kask, Andres; Soomere, Tarmo; Kask, Jüri Baltic Sea Science Congress Rostock 2007 : March 19-22, 2007 at Rostock University : abstract volume. Part 2, Poster 2007 / p. 116

Tarmo Soomere kliimamuutustest: „Eestil on vedanud, aga peame vaatama maailma laiemalt. Igauhe panus loeb.“

Helend-Aaviku, Katrin Õhtuleht 2020 / lk. 20-21 : ill <https://dea.digar.ee/article/õhtuleht/2020/06/27/14.1>
https://www.ester.ee/record=b1072778*est

Tarmo Soomere, Kevin Parnell: rannad tahavad vabalt hingata [Võrguväljaanne]

Soomere, Tarmo; Parnell, Kevin Ellis postimees.ee 2021 ["Tarmo Soomere, Kevin Parnell: rannad tahavad vabalt hingata "](#)

The application of coast geomorphic process concepts to eastern Baltic Sea conditions in a changing climate

Parnell, Kevin Ellis; 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. 143-144
https://archive.baltic.earth/hel2020/material/3rd_BalticEarth_Conference_Proceedings.pdf

The global challenge of the sustainable management of seas and shores

Soomere, Tarmo; Parnell, Kevin Ellis 4th Baltic Earth Conference Assessing the Baltic Sea Earth System : Jastarnia, Hel Peninsula, Poland, 30 May to 3 June 2022 : Conference Proceedings 2022 / p. 154-155
https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/4bec_proceedings_web.pdf

The persistence of spatial patterns of beaching of current-driven pollution in a changing wind climate : a case study for the Gulf of Finland [Online resource]

Viikmäe, Bert; Soomere, Tarmo Boreal environment research 2018 / p. 299–314 <http://www.borenv.net/BER/pdfs/ber23/ber23-299-314.pdf> https://www.ester.ee/record=b1199571*est

The water quality forecasting in coastal recreation zones

Mairanovsky, F.G.; Sapova, N.O.; Krasheninnikova, T.D. Theses of the reports of the VIII Symposium Concerning the Problems of Waterbodies Water Quality, Tallinn, Oct. 23-25, 1990 1990 / p. 48-50

Transfer of techniques developed for the Baltic Sea to the Caspian Sea region : Decadal wave climate variability of the Caspian Sea from satellite altimetry

Kussebayeva, Kuanysh; Kudryavtseva, Nadezhda; Soomere, Tarmo 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. 41
http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Tudengid saadavad saarlased metsa

Prii-Pärm, Marii Saaremaa Teataja : Saaremaa vallavalitsuse infoleht 2019 / lk. 3 : ill https://www.meiema.ee/index.php?content=artiklidC_74&artid=87672

Tänane vali torm säästab Eesti rannikualasid üleujutuse ohust [Võrguväljaanne]

Martin, Margus postimees.ee 2021 ["Tänane vali torm säästab Eesti rannikualasid üleujutuse ohust "](#)

Untangling the waves: decomposing extreme sea levels in a non-tidal basin, the Baltic Sea

Lorenz, Marvin; Viigand, Katri; Gräwe, Ulf Natural Hazards and Earth System Sciences 2025 / p. 1439-1458
<https://doi.org/10.5194/nhess-25-1439-2025>

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](#)

Using spectrograms from underwater total pressure sensors to detect passing vessels in a coastal environment

Rätsep, Margus; Parnell, Kevin Ellis; Soomere, Tarmo; Kruusmaa, Maarja; Ristolainen, Asko; Tuhtan, Jeffrey Andrew Journal of atmospheric and oceanic technology 2020 / p. 1353-1363 : ill <https://doi.org/10.1175/JTECH-D-19-0192.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Validation of sentinel-3 coastal altimetry data on the Baltic Sea and Estonian lakes

Liibusk, Aive; Kall, Tarmo; **Rikka, Sander; Uiboupin, Rivo** 12th Coastal Altimetry Workshop : Coastal Altimetry Training Course, 4-7 February, 2020 : European Space Agency ESRI, Frascati, Italy : abstracts 2020 / p. 39-40
<https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/ae128dad984c40168397660cc8d0ede7>

Variability and extremes of the Caspian Sea's modelled wave climate

Giudici, Andrea; Mannikus, Rain; Soomere, Tarmo Ocean engineering 2025 / art. 123077
<https://doi.org/10.1016/j.oceaneng.2025.123077>

Variability in spatial patterns of long nonlinear waves from fast ferries in Tallinn Bay

Torsvik, Tomas; **Didenkulova, Irina; Soomere, Tarmo**; Parnell, Kevin Ellis Nonlinear processes in geophysics 2009 / p. 3510363 : ill <https://npg.copernicus.org/articles/16/351/2009/>

Variability in the properties of wakes generated by high-speed ferries

Kurennoy, Dmitry; Soomere, Tarmo; Parnell, Kevin Ellis Journal of coastal research 2009 / Special issue 56, Proceedings of the 10th International Coastal Symposium ICS 2009. Volume I, p. 519-523 : ill <https://www.jstor.org/stable/25737631>

Variability of distributions of wave set-up heights along a shoreline with complicated geometry

Soomere, Tarmo; Pindsoo, Katri; Kudryavtseva, Nadezhda; Eelsalu, Maris Ocean science 2020 / p. 1047-1065
<https://doi.org/10.5194/os-16-1047-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Veetaseme tõusu prognoos aitab rannikule ehitisi planeerida

ehitusuudised.ee 2024 [Veetaseme tõusu prognoos aitab rannikule ehitisi planeerida](#)

Veetaseme tõusu prognoos aitab rannikule ehitisi planeerida

Ehitaja 2024 / lk. 35 : fot https://www.ester.ee/record=b1072123*est

В Палдиски вдобавок к смотровой площадке может обрушиться и установленный на побережье маяк

Boitsova, Aljona; **Hints, Olle** rus.err.ee 2024 [В Палдиски вдобавок к смотровой площадке может обрушиться и установленный на побережье маяк](#)

Методика расчета переноса примесей в прибрежной зоне моря

Velner, Harald-Adam; Lõhmussaar, H.; Lääne, Ain; Tamsalu, R.; Jaško, M. Материалы VI Всесоюзного симпозиума по современным проблемам самоочищения водоемов и регулирования качества воды, Таллин, 16-18 апреля 1979 года. III Секция, Регулирование качества воды, включая проблемы переброски стока реки Невы. (Часть 1) 1979 / с. 17-20 : ил https://www.ester.ee/record=b1281816*est

Удаление из сточных вод биогенов - как фактор эвтрофикации прибрежных зон Балтийского моря

Blonskaja, Viktoria; Mölder, Heino Тезисы докладов всесоюзной научной конференции "Охрана от загрязнения сточными водами водоемов бассейнов внутренних морей" (26-27 нояб. 1987 г.) 1987 / с. 6-7