

Analysis of wave properties in the Baltic Sea : integrating findings from the Gulf of Finland, Gulf of Riga and Western Baltic Coasts

Giudici, Andrea; Männikus, Rain; Jankowski, Mikolaj Zbigniew; Soomere, Tarmo New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 61-62
https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf

Application of remote sensing methods for the investigation of spatio-temporal variability of sea surface temperature and chlorophyll fields in the Gulf of Finland = Kaugseire rakendused merepinna temperatuuri ja klorofüllü väljade ajalis-ruumilise muutlikkuse uurimiseks Soome lahes

Uiboupin, Rivo 2013 https://www.ester.ee/record=b2909640*est

Applications of marine scatterometer winds and quality aspects of their assimilation into numerical weather prediction model HIRLAM = Skatteromeetri meretuulte rakendused ja kvaliteethinnang nende assimileerimisele numbrilise prognoosi mudelisse HIRLAM

Služenikina, Jekaterina 2016 <https://digi.lib.ttu.ee/i/?5158> https://www.ester.ee/record=b4570254*est

An assessment of Caspian Sea modeled wave climate using ERA5 winds

Männikus, Rain; Giudici, Andrea; Maymerova, Gülnara; Beisembekova, Meruyert; Rakisheva, Zaure Bayanovna; Soomere, Tarmo Journal of coastal research 2024 / p. 649-653 <https://doi.org/10.2112/JCR-SI13-128.1>

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](#)

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](#)

Behaviour of wind power fronts

Tomson, Teolan; Hansen, Maire Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 3-1, p. 230-237 : ill

Behaviour of wind speed fronts

Tomson, Teolan; Hansen, Maire Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 3, p. 215-225 : ill

A case study of the wind impact on ship ice-sticking

Rjazin, Jevgeni; Pärn, Ove TransNav : the international journal on marine navigation and safety of sea transportation 2016 / p. 583-585 : ill <http://dx.doi.org/10.12716/1001.10.04.06>

Causes of the extensive hypoxia in the Gulf of Riga in 2018

Stoicescu, Stella-Theresa; Laanemets, Jaan; Liblik, Taavi; Skudra, Maris; Samlas, Oliver; Lips, Inga; Lips, Urmas Biogeosciences 2022 / p. 2903-2920 <https://doi.org/10.5194/bg-19-2903-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changing properties of wind waves and vessel wakes on the eastern coast of the Baltic Sea = Tuulelainete režiimi ja laevalainete omaduste muutused Läänemere idarannikul

Kelpšaitė, Loreta 2009 <https://digi.lib.ttu.ee/i/?451> https://www.ester.ee/record=b2508681*est

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>

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 HIRLAM wind data with measurements at Estonian coastal meteorological stations

Keevallik, Sirje; Männik, Aarne; Hinnov, Juhan Estonian journal of earth sciences 2010 / 1, p. 90-99 : ill
https://artiklid.elnet.ee/record=b1965734*est

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](#)

Compressibility of surface flows under the combined effect of currents and winds

Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present,

Data generative machine learning model for the assessment of outdoor thermal and wind comfort in a northern urban environment

Eslamirad, Nasim; De Luca, Francesco; Lylykangas, Kimmo Sakari; Ben Yahia, Sadok Frontiers of architectural research 2023 / p. 541-555 : ill <https://doi.org/10.1016/j.foar.2022.12.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Depth induced breaking of wind generated surface gravity waves in Estonian coastal waters

Alari, Victor; Raudsepp, Urmas Boreal environment research 2010 / p. 295-300 : ill <https://helda.helsinki.fi/server/api/core/bitstreams/2829538a-c166-4a29-a83c-83d4a37abb8c/content>

Design of light-weight sandwich panels for trailers

Allikas, Georg; Kers, Jaan; Aruniit, Aare; Herranen, Henrik; Eerme, Martin; Majak, Jüri; Pohlak, Meelis; Pabut, Ott ECCM15 - 15th European Conference on Composite Materials : Venice, Italy, 24-28 June 2012 2012 / 8 p. : ill https://www.researchgate.net/publication/290060877_Design_of_light-weight_sandwich_panel_for_trailers

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 wave-induced forcing on a circulation model of the North Sea

Staneva, Joanna; Alari, Victor; Breivik, Øyvind; Bidlot, Jean-Raymond; Mogensen, Kristian Ocean dynamics 2017 / p. 81-101 : ill <https://doi.org/10.1007/s10236-016-1009-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of wind regime shift on sediment transport in small bays of non-tidal seas

Elken, Jüri; Soomere, Tarmo The Baltic : The Eighth Marine Geological Conference : September 23-28, 2004, Tartu, Estonia : abstracts. Excursion guide 2004 / p. 11

Estimation of wave and wind field parameters from TerraSAR-X imagery in the Baltic Sea

Rikka, Sander; Uiboupin, Rivo; Alari, Victor 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. 171 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Eulerian and Lagrangian submesoscale coherent structures on the sea surface driven by coastal upwelling: a case study for the Gulf of Finland

Väli, Germa; Zhurbas, Victor; Laanemets, Jaan; Lips, Urmas From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 43

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>

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](#)

HighResolution view on downwelling by underwater glider in the Eastern Baltic Proper

Liblik, Taavi; Salm, Kai; Lips, Urmas 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. 21 : ill ["porceedings"](#)

How do simple wave models perform compared with sophisticated models and measurements in the eastern Baltic Sea?

Männikus, Rain; Soomere, Tarmo; Suursaar, Ülo EGU General Assembly 2023, Vienna, Austria, 24-28 Apr 2023 2023 / EGU23-1657 <https://doi.org/10.5194/egusphere-egu23-1657> <https://meetingorganizer.copernicus.org/EGU23/EGU23-1657.html>

How do simple wave models perform compared with sophisticated models and measurements in the Gulf of Finland?

Männikus, Rain; Soomere, Tarmo; Suursaar, Ülo Estonian journal of earth sciences 2024 / p. 98-111 <https://doi.org/10.3176/earth.2024.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How important are the wind measurements and is it reasonable to save from wind measurements costs?

Pertmann, Indrek 4th International Symposium Topical Problems of Education in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 15-20, 2007 2007 / p. 161-163 : ill

How to carry out correct wind measurements and what kind of problems may occur during the measurement period

Pertmann, Indrek 3rd International Symposium "Topical Problems of Education in the Field of Electrical and Power Engineering" :

The impact of surface currents on the wave climate in narrow fjords

Christakos, Konstantinos; **Björkqvist, Jan-Victor**; Breivik, Øyvind; Tuomi, Laura; Furevik, Birgitte R.; Albretsen, Jon Ocean Modelling 2021 / Art. 101894 <https://doi.org/10.1016/j.ocemod.2021.101894> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In situ coastal observations of wave homogeneity and coherence

Christakos, Konstantinos; Gao, Zhen; Furevik, Birgitte R.; **Björkqvist, Jan-Victor**; Aarnes, Ole Johan Applied ocean research 2022 / art. 103390 <https://doi.org/10.1016/j.apor.2022.103390> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Influence of wind and waves on Lagrangian transport using a synergy of satellite and in-situ surface drifters for Baltic Sea

Delpeche-Ellmann, Nicole Camille; Giudici, Andrea; Soomere, Tarmo; Ellmann, Artu XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-3642>

Innovaatilised ja uudsed ideed vajavad pühendumust, uudishimu ning toetust [Võrguväljaanne]

Raag, Toomas pealinn.ee 2022 [Innovaatilised ja uudsed ideed vajavad pühendumust, uudishimu ning toetust](#)

Joint impact of currents and winds on the patch formation near the coasts of the Gulf of Finland

Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 1156 - 1160 <https://doi.org/10.2112/SI85-232.1> <https://www.jcronline.org/doi/abs/10.2112/SI85-232.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Joint impact of currents and winds on the patch formation near the coasts of the Gulf of Finland

Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo The 15th International Coastal Symposium 2018 Haeundae, Busan, Republic of Korea 13th – 18th May 2018 : book of abstracts 2018 / p. 104

Joint influence of river stream, water level and wind waves on the height of sand bar in a river mouth

Laanearu, Janek; Koppel, Tiit; Soomere, Tarmo; Davies, Peter A. Nordic hydrology 2007 / 3, p. 287-302 <https://iwaponline.com/hr/article/38/3/287/688/Joint-influence-of-river-stream-water-level-and>

Jääkülm merevesi Põhja-Eesti randades peletab suvitajad : [TTÜ Küberneetika Instiitumi teaduri Tarmo Soomere kommentaaridega]

Saluri, Silver; **Soomere, Tarmo** Postimees 2006 / 10. aug., lk. 6 <https://www.postimees.ee/1567373/jaakulm-merevesi-pohja-eesti-randades-peletab-suvitajad>

Kuidas mõõta randade tervist

Soomere, Tarmo Loodusesõber 2011 / 2, lk. 22-26 : ill

Lainetav Läänemeri Eesti teadlaste pilgu läbi

Soomere, Tarmo Teadusmõte Eestis. 4, Tehnikateadused. 2 2007 / lk. 133-142 : ill

Linking changes in the directional distribution of moderate and strong winds with changes in wave properties in the eastern Baltic proper

Soomere, Tarmo; Eelsalu, Maris; Viigand, Katri; Giudici, Andrea Journal of coastal research 2024 / p. 190-194 <https://doi.org/10.2112/JCR-SI113-038.1>

Lääne-Eestit võib täna öösel tabada viimase aja rängim torm : [TTÜ teadlaste Tarmo Soomere ja Tarmo Kõutsi prognoosidest]

Naaber, Grete; Rooväli, Küllike; **Soomere, Tarmo; Kõuts, Tarmo** Postimees 2008 / 18. jaan., lk. 9 <https://ilmajaam.postimees.ee/1749049/laane-eestit-voib-tana-ooisel-tabada-viimase-aja-rangim-torm>

Meretuule neli tunnust

Keevallik, Sirje Tallinna Tehnikaülikooli aastaraamat 2007 2008 / lk. 79-83 : ill

A method for simplifying annual wind simulation for pedestrian comfort analysis in consideration of local climate

Kazak, Jelena; De Luca, Francesco Journal of Physics : Conference Series 2025

Methodology for improving wind comfort in a cold region through modular urban elements

Eslamirad, Nasim; De Luca, Francesco; Sepulveda Luque, Abel; **Lylykangas, Kimmo Sakari** Regenerating the city : performance-driven and simulation-based computational design for sustainable cities and communities 2023 / p. 5-14
<https://digikogu.taltech.ee/et/Item/c29fc911-ec34-45da-afe6-bc1e8515e15d>

Midwinter stratification formation in the Gulf of Finland

Liblik, Taavi; Väli, Germa; Lilover, Madis-Jaak; Laanemets, Jaan; Kikas, Villu; Lips, Inga 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. 123 "[proceedings](#)"

Millest lähtutakse autonimede valikul : [Saksa autofirmast Volkswagen]

Kallis, Ain Maaleht 2017 / lk. 64 <https://maaleht.delfi.ee/artikkel/80170166/millest-lahtutakse-autonimede-valikul>

More room at the top : How small buoys help reveal the detailed dynamics of the air-sea interface

Cavaleri, Luigi; **Alari, Victor;** Benetazzo, Alvise; Björkqvist, Jan-Victor; Breivik, Øyvind; **Davis, Jacob;** Hope, Gaute; Kleven, Atle; **Leirvik, Frode;** Nordam, Tor; **Rikka, Sander** Bulletin of the American Meteorological Society 2025 / p. E1063-E1076
<https://doi.org/10.1175/BAMS-D-24-0120.1>

Multi-scale wind wave modeling in the Baltic Sea = Mitmemastaapne tuulelainete modelleerimine Läänemeres

Alari, Victor 2013 http://www.ester.ee/record=b2995944*est

Numerical models in the design of Saaremaa deep harbour

Liiv, Toomas XXX IAHR Congress : August 2003, AUTh, Thessaloniki, Greece. Theme A, Coastal Environment : Processes and Integrated Management 2003 / p. 147-154 : ill

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](#)

Outlook for wind measurement at Estonian automatic weather stations

Keevallik, Sirje; Soomere, Tarmo; Pärj, Riina; Žukova, Veera Proceedings of the Estonian Academy of Sciences. Engineering 2007 / 3, p. 234-251 : ill

Patchiness of the sea surface under the combined effects of winds and currents

Giudici, Andrea; Soomere, Tarmo; Kalda, Jaan From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 20
https://www.etis.ee/File/DownloadPublic/ebda3e4a-2eb0-4f26-971f-f16046bc0bed?name=TheGulfOfFinlandScienceDays_2017.pdf&type=application%2Fpdf

Pathways of suspended particles transport in the bottom layer of the southern Baltic Sea depending on the wind forcing (numerical simulations)

Zhurbas, Victor; Elken, Jüri; Väli, Germa; Kuzmina, Natalia; Paka, Vadim Oceanology 2010 / p. 841-854

Periodicity of the average wind shear

Tomson, Teolan; Lamp, Hannu Proceedings of the Estonian Academy of Sciences. Engineering 2007 / 1, p. 65-75 : ill

Quantification of the impact of wind for optimising fairways in the Gulf of Finland

Viikmäe, Bert; Soomere, Tarmo; Torsvik, Tomas 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. 151 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Radar remote sensing of meteo-marine parameters in the Baltic Sea = Laine- ja tuuleväljade määramine Läänemeres radarkaugseire andmetest

Rikka, Sander 2019 <https://digi.lib.ttu.ee/i/?12168>

Regime shifts in the surface-level average air flow over the Gulf of Finland during 1981-2010

Keevallik, Sirje; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2014 / p. 428-437 : ill
https://artiklid.elnet.ee/record=b2707382*est <https://doi.org/10.3176/proc.2014.4.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Remote sensing and modelling of wind waves in semi-enclosed seas = Tuulelainete kaugseire ja modelleerimine poolsuletud merealadel

Najafzadeh, Fatemeh 2022 <https://doi.org/10.23658/taltech.64/2022> <https://digikogu.taltech.ee/et/Item/f00ab062-2512-47e0-91c1-c871163f58d2> https://www.ester.ee/record=b5525225*est

Response of water circulation, temperature and salinity to wind wave effects in the Baltic and North Sea's

Alari, Victor; Staneva, Joanna 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. 62 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Resuspension of sediment in a semi-sheltered bay due to wind waves and fast ferry wakes

Erm, Ants; Alari, Victor; Lips, Inga; Kask, Jüri Boreal environment research 2011 / p. 149-163 : ill <https://www.borenav.net/BER/archive/pdfs/ber16/ber16A-149.pdf>

Seasonal and diurnal variations of wind parameters at Pakri

Keevallik, Sirje; Soomere, Tarmo Estonian journal of engineering 2009 / 3, p. 227-239 : ill

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

Solar radiation and wind as agents of the formation of the radiation regime in water bodies = Päikesekiirgus ja tuul kui kiirgusvälja kujunemise mõjurid veekogudes

Rosin, Kai 2012 https://www.ester.ee/record=b2857142*est

Spatial and temporal variability of net accumulation from shallow cores from Vestfonna ice cap (Nordaustlandet, Svalbard)

Beudon, Emilie; Martma, Tõnu Geografiska annaler. Series A, Physical geography 2011 / p. 287-299 : ill <https://www.tandfonline.com/doi/abs/10.1111/j.1468-0459.2011.00439.x>

Spatial patterns of the wave climate in the Baltic Proper and the Gulf of Finland

Soomere, Tarmo; Räämet, Andrus Oceanologia 2011 / p. 335-371 : ill

A study of the sea surface boundary layer dynamics

Davulienė, Lina; Kelpšaitė, Loreta; Torsvik, Tomas; Dailidienė, Inga 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. 165 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

A study on relationships between forcing factors and morphological parameters of outlet areas of some rivers flowing into the Estonian coastal sea

Koppel, Tiit; Laanearu, Janek River basin management III : Third International Conference on River Basin Management 2005 / p. 225-235 : ill <https://www.witpress.com/eliibrary/wit-transactions-on-ecology-and-the-environment/83/15405>

Summer upwelling at the Boknis Eck time-series station (1982 to 2012) – A combined glider and wind data analysis

Karstensen, Johannes; Liblik, Taavi; Fischer, J.; Bumke, K.; Krahmann, G. Biogeosciences 2014 / p. 3603-3617 : ill <https://doi.org/10.5194/bg-11-3603-2014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sun and wind : integrated environmental performance analysis for building and pedestrian comfort

De Luca, Francesco SimAUD 2019 : 2019 Proceedings of the Symposium on Simulation for Architecture & Urban Design : 10th Anniversary Edition 2019 / p. 3-10 : ill http://www.simaud.org/proceedings/download.php?f=SimAUD2019_Proceedings_HiRes.pdf

Teadlane vastab : miks on merel vahel lained ka vaikse ilmaga? [Võrguväljaanne]

Soomere, Tarmo Eesti Teaduste Akadeemia : Youtube kanal 2020 / video [Teadlane vastab: miks on merel vahel lained ka vaikse ilmaga?](#)

Temperature, humidity and wind from Estonian and Finnish radiosonde data (1993-2009)

Keevallik, Sirje; Krabbi, Miina Estonian journal of engineering 2011 / p. 345-358 : ill

The comparison of wind-waves and ship-wakes on the coastal zone in Tallinn Bay, the Baltic Sea

Kelpšaitė, Loreta BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 181

The effects of wind and waves on in-situ surface drift in the Baltic Sea [Online resource]

Delpeche-Ellmann, Nicole Camille; Giudici, Andrea; Soomere, Tarmo Geophysical research abstracts 2020 / p. EGU2020-11496 <https://doi.org/10.5194/egusphere-egu2020-11496>

The evaluation of wind power forecasting accuracy in Estonia

Ulm, Lauri 14th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. II" : Pärnu, Estonia, January 13-18, 2014 2014 / p. 123-124 : ill

The in-depth evaluation of wind power forecasting accuracy in Estonia : the role of technical availability

Ulm, Lauri; Palu, Ivo 13th Wind Integration Workshop : International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants : 11-13 November, 2014, Berlin, Germany : proceedings 2014 / [4] p. : ill

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.borenav.net/BER/pdfs/ber23/ber23-299-314.pdf> https://www.ester.ee/record=b1199571*est

Towards quantifying variations in wind parameters across the Gulf of Finland

Keevallik, Sirje; Soomere, Tarmo Estonian journal of earth sciences 2010 / 4, p. 288-297 : ill https://artiklid.elnet.ee/record=b2183622*est

Trends in the components of extreme water levels signal a rotation of winds in strong storms in the eastern Baltic Sea

Pindsoo, Katri; Soomere, Tarmo Geophysical research abstracts 2016 / p. EGU2016-9378

Tuul ei suuda võistelda kiirlaevadega

Soomere, Tarmo Eesti Loodus 2006 / juuli, lk. 12-17 : ill https://artiklid.elnet.ee/record=b2359975*est

Tuul on perspektiivne taastuv energiaallikas

Selg, Vello Maaema Mess 1997 1997 / lk. 11-13

Tuul on taastuv energiaallikas

Selg, Vello Energeetika Infoleht / Majandusministeerium 1996 / 2, lk. 32-38

Tuul puhus meie sooja suplusvee Soome randa! : [kommentaar TTÜ teadurilt Jüri Elkenilt]

Teder, Teet; Elken, Jüri Õhtuleht 2014 / lk. 5 <https://www.oh tuleht.ee/590502/tuul-puhus-meie-sooja-suplusvee-soome-randa>

Tuule kiiruse mõõtmise seadme saab ka ise ehitada

Laaniste, Madis; Selg, Vello Maakodu 1998 / 2, lk. 16: ill

Tuule-külm

Kallis, Ain Eesti ilma riskid 2012 / lk. 125-128 : ill

Tuules peitub soojust : [tuuleenergiast]

Selg, Vello Maakodu 1993 / 2, lk. 16-17 ; 3, lk. 13

Tuuletont

Tomson, Teolan Keskkonnatehnika 2004 / 6, lk. 46-47 : ill https://artiklid.elnet.ee/record=b1017254*est

Tuulevõimsuse standardhällbest

Tomson, Teolan; Erm, Ants; Pirkसार, Raimo TEUK X : Taastuvate energiaallikate uurimine ja kasutamine : kümnenda konverentsi kogumik 2008 / lk. 40-48 https://artiklid.elnet.ee/record=b1205153*est

Tuulevälja muutumine Läänemere kirdeosas viimase poolsajandi jooksul

Keevallik, Sirje Teadusmõte Eestis (VII). Meri. Järved. Rannik : [artiklikogumik] 2011 / lk. 49-58 : ill https://artiklid.elnet.ee/record=b2491081*est

Unusual wave and water level conditions in the Baltic Sea during windstorm Gudrun in January 2005 and their modelling

Soomere, Tarmo 5th International Conference on Optimal Research "Simulation and Optimization in Business and Industry" : May 17-20, 2006, Tallinn, Estonia : programme and abstracts 2006 / p. 4-5

Vaindloom ja Tallinna madalal ulatusid tuulepuhangud 37 meetrini sekundis

Tooming, Marko err.ee 2023 [Vaindloom ja Tallinna madalal ulatusid tuulepuhangud 37 meetrini sekundis](https://vaindloom.ee/2023/02/02/tuulepuhangud-37-meetrini-sekundis)

Valdava õhuvoolu trendid Vilsandil (1966-2003)

Keevallik, Sirje Eesti Geograafia Seltsi aastaraamat = Yearbook of the Estonian Geographical Society. 37. kd 2010 / lk. 20-28 : ill http://ise.elnet.ee/record=b2189375~S2*est https://www.ester.ee/record=b1237665*est

Water level extremes at the Baltic Sea coast

Soomere, Tarmo Contributions to the Foundations of Multidisciplinary Research in Mechanics : papers presented during the 24th International Congress of Theoretical and Applied Mechanics ICTAM 2016, Montreal, August 22-26, 2016. Vol. 2 2017 / p. 1135-1136 http://iutam.org/wp-content/uploads/2017/02/ICTAM_Proceedings_Vol_2.pdf

Water level extremes signal changes in the wind direction in the northeastern Baltic Sea

Soomere, Tarmo; Eelsalu, Maris; Pindsoo, Katri 1st Baltic Earth Conference Multiple Drivers for Earth System Changes in the Baltic Sea Region : Nida, Curonian Spit, Lithuania, 13-17 June 2016 : conference proceedings 2016 / p. 132-133 http://www.baltic-earth.eu/events/nida2016/material/BalticEarth_Nida2016_Proceedings.pdf

Wave height return periods from combined measurement–model data: a Baltic Sea case study

Björkqvist, Jan-Victor; Rikka, Sander; Alari, Victor; Männik, Aarne; Tuomi, Laura; Pettersson, Heidi Natural hazards and earth system sciences 2020 / p. 3593–3609 <https://doi.org/10.5194/nhess-20-3593-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wind fetch effect on underwater wind-driven sound

Prawirasasra, Muhammad Saladin; Mustonen, Mirko; Klauson, Aleksander Estonian journal of earth sciences 2024 / p. 15-25 : ill <https://doi.org/10.3176/earth.2024.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wind forced currents over the shallow Naissaar Bank in the Gulf of Finland

Lilover, Madis-Jaak; Pavelson, Juss; Kõuts, Tarmo Boreal environment research 2011 / p. 164-174 : ill <https://www.borenv.net/BER/archive/pdfs/ber16/ber16A-164.pdf>

Wind loading on a hyperbolic paraboloid roof

Talvik, Ivar Proceedings of the 2nd European & African Conference on Wind Engineering : 2 EACWE, Palazzo Ducale, Genova, Italy, June 22-26, 1997. Vol. 2 1997 / p. 1415-1421

Wind measurements in Estonia

Pertmann, Indrek Proceedings of CYSENI 2010 : the 7th Annual Conference of Young Scientists on Energy Issues : May 27-28, 2010, Kaunas, Lithuania 2010 / p. 57-66

Wind power production estimation through short-term forecasting

Agabus, Hannes 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14-19, 2008 2008 / p. 119-123 : ill

Wind speed and velocity at three Estonian coastal stations 1969-1992

Keevallik, Sirje Estonian journal of engineering 2008 / 3, p. 209-219 : ill

Wind wave statistics in Tallinn Bay

Soomere, Tarmo Boreal environment research 2005 / p. 103-118 : ill

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 currents over the shallow Naissaare Bank in the Gulf of Finland

Lilover, Madis-Jaak; Pavelson, Juss; Kõuts, Tarmo BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 166

Wind-forced variability of vertical structure of temperature and salinity fields in the Gulf of Finland

Liblik, Taavi; Lips, Urmas BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 117

Высота волн в западной части Балтийского моря увеличивается на 5 мм в год

Kudryavtseva, Nadezhda rus.delfi.ee 2021 [Высота волн в западной части Балтийского моря увеличивается на 5 мм в год](#)