

### **A reliability study of wave climate modelling in the Baltic Sea**

**Räämet, Andrus; Soomere, Tarmo** 6th Study Conference on BALTEX : 14-18 June 2010, Miedzyzdroje, Poland : conference proceedings 2010 / p. 71-72 : ill

### **A simple approach to determine the Stokes drift for the entire Baltic Sea**

**Lehmann, Andreas; Didenkulova, Irina; Höflisch, Katharina** 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. 57 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

### **An alternative parameterization of eddy diffusivity in the Gulf of Finland based on the kinetic energy of high frequency internal wave band**

**Lilover, Madis-Jaak**; Stips, Adolf Konrad Boreal environment research 2011 / p. 103-116 : ill  
<https://helda.helsinki.fi/server/api/core/bitstreams/f776892d-9905-43b6-931b-6f8f5f533b2b/content>

### **Analysis of the properties of fast ferry wakes in the context of coastal management = Kiirlaevalainete omaduste analüüs rannikualade haldamise kontekstis**

**Kurennoy, Dmitry** 2009 <https://digi.lib.ttu.ee/i/?4448> [https://www.ester.ee/record=b2508754\\*est](https://www.ester.ee/record=b2508754*est)

### **Applications of soliton interactions in rogue wave theory and in understanding the impact of vessel wakes**

**Soomere, Tarmo** International Conference on Complexity of Nonlinear Waves : October 5-7, 2009 : book of abstracts 2009 / p. 34

### **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](https://www.ester.ee/record=b2508681*est)

### **Crest-trough asymmetry of waves generated by high-speed ferries**

**Kurennoy, Dmitry; Didenkulova, Irina; Soomere, Tarmo** Estonian journal of engineering 2009 / 3, p. 182-195 : ill

### **Doktoritöö heidab valgust Läänemere ja selle ranniku tangole [Võrguväljaanne]**

**Oldermaa, Jaan-Juhan; Eelsalu, Maris** novaator.err.ee 2020 / fot [Doktoritöö heidab valgust Läänemere ja selle ranniku tangole](https://digi.lib.ttu.ee/i/?451)

### **Effect of ice cover on wave statistics and wave-driven processes in the northern Baltic Sea**

**Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo; Giudici, Andrea** Boreal environment research 2022 / p. 97-116 : ill <https://www.borenav.net/BER/archive/pdfs/ber27/ber27-097-116.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Effects of Eulerian current, Stokes drift and wind while simulating surface drifter trajectories in the Baltic Sea**

**Pärm, 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](#)

### **Estimates of wave climate in the northern Baltic Proper derived from visual wave observations at Vilsandi**

**Soomere, Tarmo; Zaitseva, Inga** Proceedings of the Estonian Academy of Sciences. Engineering 2007 / 1, p. 48-64 : ill

### **Experimental statistics of long wave runup on a plane beach**

**Denissenko, Petr; Didenkulova, Irina; Rodin, Artem; Listak, Madis**; Pelinovsky, Efim Journal of coastal research 2013 / p. 195-200 : ill <https://doi.org/10.2112/SI65-034.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Extreme elevations and slopes of interacting solitons in shallow water**

**Soomere, Tarmo; Engelbrecht, Jüri** Wave motion 2005 / p. 179-192 : ill  
<https://www.sciencedirect.com/science/article/abs/pii/S0165212504000812>

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

**Zaggia, Luca; Lorenzetti, Giuliano; Manfè, Giorgia; Soomere, Tarmo** PLoS ONE 2017 / art. e0187210, p. 1-23 : ill  
<https://doi.org/10.1371/journal.pone.0187210> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Flow, waves and water exchange in the Suur Strait, the Gulf of Riga in 2008**

**Raudsepp, Urmas; Laanemets, Jaan; Haran, Getli; Alari, Victor; Pavelson, Juss; Kõuts, Tarmo** Oceanologia 2011 / p. 35-56 : ill

### **Implications of fast ferry wakes for semi-sheltered beaches**

**Soomere, Tarmo; Didenkulova, Irina**; Parnell, Kevin Ellis BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 134

### **Implications of fast-ferry wakes for semi-sheltered beaches : a case study at Aegna Island, Baltic Sea**

**Soomere, Tarmo**; Parnell, Kevin Ellis; **Didenkulova, Irina** Journal of coastal research 2009 / Special issue 56, Proceedings of the 10th International Coastal Symposium ICS 2009. Volume I, p. 128-132 : ill <https://www.jstor.org/stable/25737551>

**Influence of the shape of the bay cross section on wave run-up**

Didenkulov, Oleg; **Didenkulova, Irina**; Pelinovsky, Efim N.; Kurkin, Andrey Izvestiya - Atmospheric and Ocean Physics 2015 / p. 661 - 666 <https://doi.org/10.1134/S0001433815060055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Innovaatiline lainetuse prognoosisüsteem väikelaevadele ohutu meresõidu tagamiseks (NAVIGATE)**

**Alari, Victor** Studioosus 2011 / lk. 20-21

**Internal solitary waves control offshore extension of mud depocenters on the NW Iberian shelf**

Zhang, Wenyan; **Didenkulova, Irina**; Kurkina, Oxana Marine geology 2019 / p. 15-30 : ill <https://doi.org/10.1016/j.margeo.2018.12.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Internal waves and interfacial mixing in stratified environments**

**Delpeche, Nicole**; **Soomere, Tarmo** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 120

**Investigation of the eddy viscosity for a breaking wave in the surf zone = Turbulentse viskoossusteguri määramine murdlaine piirkonnas ranna-alal**

**Oldekop, Nelly** 2019 <https://digikogu.taltech.ee/et/Item/4bff81c5-ce66-4efb-a833-0ae8e0fbbdd9>

**Kiirlaevad tekitavad tapvaid laineid : [TTÜ professor Tarmo Soomere teemakohane vestlus]**

**Soomere, Tarmo**; Jõgeda, Tiina Eesti Ekspress 2010 / 20. mai, lk. 6

**Kiirlaevalained räsivad rannanõlva**

**Soomere, Tarmo** Eesti Loodus 2006 / 12, lk. 18-23 : ill [https://artiklid.elnet.ee/record=b2364678\\*est](https://artiklid.elnet.ee/record=b2364678*est)

**Kui meri märatseb : mõrvarlained**

**Engelbrecht, Jüri**; **Soomere, Tarmo** Horisont 2006 / 1, lk. 28-33 : ill [https://artiklid.elnet.ee/record=b2038945\\*est](https://artiklid.elnet.ee/record=b2038945*est)

**Laboratory study of the breaking wave characteristics**

**Liiv, Toomas**; **Liiv, Uno** XXVIII IAHR Congress : 22-27 August, Graz : proceedings [CD-ROM] 1999 / [6] p

**Laevad meie merel : õnnistus või õnnetus**

**Soomere, Tarmo** Eesti Loodus 2006 / 6, lk. 6-11 : ill <http://www.eestiloodus.ee/index.php?artikkel=1510>

**Laineparameetrite määramine Läänemeres radariandmete põhjal**

**Rikka, Sander**; **Uiboupin, Rivo**; **Alari, Victor** Kaugseire Eestis 2014 : artiklikogumik 2014 / lk. 22-30 : ill

**Lainetav Läänemeri Eesti teadlaste pilgu läbi**

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

**Lainetus ja setete transport sadamates ning rannajoonel**

**Liiv, Uno** Mereuuringud ja nende rakendused : Eesti Teaduste Akadeemia seminari materjalid : 23.03.2001 2001 / lk. 19-22 : ill

**Lainetuse energia potentsiaal Eesti territoriaalmeres**

**Alari, Victor** TalveAkadeemia 2011 : teaduslikud lühiaartiklid 2011. Kogumik 9 2011 / lk. 8-14 : ill

**Long surface wave dynamics along a convex bottom**

**Didenkulova, Irina**; Pelinovsky, Efim; **Soomere, Tarmo** Journal of geophysical research 2009 / p. C07006 [14 p.] : ill <https://agupubs.onlinelibrary.wiley.com/doi/full/10.1029/2008JC005027>

**Measurement of the variation bed shear stress during a wave cycle**

**Oldekop, Nelly**; **Liiv, Toomas** ICSE-6 : 6th International Conference on Scour and Erosion : Paris, August 27-31, 2012 : proceedings 2012 / p. 152-157

**Measurements of long waves in Port of Klaipėda, Lithuania**

Kelpšaitė-Rimkienė, Loreta; **Soomere, Tarmo**; Bagdanavičiute, Ingrida The 15th International Coastal Symposium 2018 Haeundae, Busan, Republic of Korea 13th – 18th May 2018 : book of abstracts 2018 / p. 179

**Measurements of long waves in Port of Klaipėda, Lithuania**

Kelpšaitė-Rimkienė, Loreta; **Soomere, Tarmo**; Bagdanavičiute, Ingrida Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 761–765 : ill <http://doi.org/10.2112/SI85-153.1> <https://www.jcronline.org/doi/pdf/10.2112/SI85-153.1>

### **Measurements of wave transformation in the coastal zone**

**Torsvik, Tomas; Didenkulova, Irina; Hemanth, V. V. S. S. R.** 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. 53 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

### **Merelt lähtuvate ohtude kvantifitseerimine ja minimeerimine Läänemere ranniku kontekstis : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööde tsüklile**

**Soomere, Tarmo** Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 170-190 : ill

### **Modeling of long waves from high speed ferries in coastal waters**

**Torsvik, Tomas; Soomere, Tarmo** Journal of coastal research 2009 / Special issue 56, Proceedings of the 10th International Coastal Symposium ICS 2009. Volume II, p. 1075-1079 : ill

### **Modelling 2D wave motion in microstructured solids**

**Sertakov, Ivan; Engelbrecht, Jüri; Janno, Jaan** Mechanics research communications 2014 / p. 42-49 : ill  
<https://doi.org/10.1016/j.mechrescom.2013.11.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Monitoring of sediments resuspended by waves from fast ferries**

**Erm, Ants; Soomere, Tarmo; Alari, Victor; Listak, Madis; Voll, Martin** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 135

### **Monitoring wave-induced sediment resuspension**

**Erm, Ants; Alari, Victor; Listak, Madis** Estonian journal of engineering 2009 / 3, p. 196-211 : ill

### **Motion control system for ship model towing test tank control system using synchronous servo drives**

**Liyanage, Dhanushka Chamara; Hiimaa, Maido; Tamre, Mart** Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 151-156 : ill <http://innomet.ttu.ee/daaam/>

### **Multi-mission satellite altimetry shows changes in extreme wave heights over the Baltic Sea and their connection to the NAO and AO climatic indice**

**Kudryavtseva, Nadezhda; Soomere, Tarmo** 2019 European Space Agency Living Planet Symposium 2019 / [1] p  
<https://lps19.esa.int/NikalWebsitePortal/living-planet-symposium-2019/lps19/Speaker>

### **Nonlinear dynamics of internal gravity waves in shallow seas = Siselainete mittelineaarne dünaamika madala vee lähenduses**

**Kurkina, Oxana** 2012

### **Nonlinear interaction of large-amplitude unidirectional waves in shallow water**

**Didenkulova, Irina; Pelinovsky, Efim; Rodin, Artem** Estonian journal of engineering 2011 / p. 289-300 : ill

### **Nonlinear wave motion and complexity**

**Engelbrecht, Jüri** Proceedings of the Estonian Academy of Sciences 2010 / p. 66-71 <https://doi.org/10.3176/proc.2010.2.02>

### **Numerical simulation of the propagation of ship-induced Riemann waves of depression into the Venice Lagoon**

**Rodin, Artem; Soomere, Tarmo; Parnell, Kevin Ellis; Zaggia, Luca** Proceedings of the Estonian Academy of Sciences 2015 / p. 22-35 : ill [https://artiklid.elnet.ee/record=b2717480\\*est](https://artiklid.elnet.ee/record=b2717480*est) <https://doi.org/10.3176/proc.2015.1.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Numerical study of propagation ship-induced wave troughs in Venice Lagoon**

**Parnell, Kevin Ellis; Soomere, Tarmo; Zaggia, Luca; Rodin, Artem** 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. 207  
[http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

### **Nähtav transport ja nähtamatud tökked Läänemere idarannikul**

**Soomere, Tarmo** Meri 2016 / lk. 15-23 [https://artiklid.elnet.ee/record=b2818112\\*est](https://artiklid.elnet.ee/record=b2818112*est)

### **On long-term variations of wave conditions in the northern Baltic Sea**

**Zaitseva, Inga; Soomere, Tarmo** US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 169-170

### **On the coastal zone management of the City of Tallinn under natural and anthropogenic pressure = Tallinna rannikualade haldamine loodusliku ja antropogeense surve tingimustes**

**Valdmann, Ain** 2008 [https://www.ester.ee/record=b2375058\\*est](https://www.ester.ee/record=b2375058*est)

### **On the validation of SWAN, a third generation spectral wave model, in Estonian coastal waters**

**Alari, Victor; Raudsepp, Urmas; Kõuts, Tarmo; Vahter, Kaimo** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 183

**Predicting a passenger ship's response during evasive maneuvers using Bayesian Learning**

Gil, M.; **Montewka, Jakub**; Krata, P. Reliability engineering and system safety 2025 / art. 110765  
<https://doi.org/10.1016/j.ress.2024.110765>

**Propagation regimes and populations of internal waves in the Mediterranean Sea basin**

Kurkina, Oxana; Rouvinskaya, Ekaterina; Talipova, Tatyana; **Soomere, Tarmo** Estuarine, coastal and shelf science 2017 / p. 44-54 : ill <https://doi.org/10.1016/j.ecss.2016.12.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Quantification of the reaction of Estonian beaches to changing wave loads = Eesti rannikute reaktsioon muutuvatele lainekoormustele**

Eelsalu, Maris 2020 [https://www.ester.ee/record=b5368081\\*est](https://www.ester.ee/record=b5368081*est) <https://digikogu.taltech.ee/et/Item/f73e001a-2f7c-4832-a4b0-ea10a4894ab6>

**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>

**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

**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](https://www.ester.ee/record=b5525225*est)

**Ripple marks as indicators of Late Ordovician sedimentary environments in Northwest Estonia**

Hints, Linda; Miidel, Avo Estonian journal of Earth sciences 2008 / 1, p. 11-22 : ill

**Rogue events in spatiotemporal numerical simulations of unidirectional waves in basins of different depth**

Slunyaev, Alexey; Sergeeva, Anna; **Didenkulova, Irina** Natural hazards 2016 / p. S549-S565 : ill <https://doi.org/10.1007/s11069-016-2430-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Runup of nonlinear waves of different shapes on a plane beach including effects of dispersion and wave breaking = Laine dispersiooni ja murdumise mõju mittelineaarsete lainete uhtekõrgusele erineva kujuga lauetel randadel**

**Abdalazeez, Ahmed** 2020 [https://www.ester.ee/record=b5383220\\*est](https://www.ester.ee/record=b5383220*est) <https://digikogu.taltech.ee/et/Item/f270a84e-32a3-4b08-9717-4de9e57b59d1>

**Saaremaa deep harbour layout design and computer simulation of the wave climate and sediment transport**

Liiv, Toomas; Liiv, Uno Proceedings of the Estonian Academy of Sciences. Engineering 2001 / 2, p. 174-192

**Saaremaa (Õsel) deep harbour layout design and computer simulation of the wave hindcast and sediment transport problems**

Liiv, Toomas; Liiv, Uno "Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental Engineering at Tallinn Technical University 2001 / p. 247-249

**Satellite altimetry reveals spatial patterns of variations in the Baltic Sea wave climate**

Kudryavtseva, Nadezhda; **Soomere, Tarmo** Earth System Dynamics 2017 / p. 697-706 : ill <https://doi.org/10.5194/esd-2016-68> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Seasonal and long-term variations of wave conditions in Estonian coastal waters**

**Zaitseva, Inga; Suursaar, Ülo; Soomere, Tarmo** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 148

**Seasonal and long-term variations of wave conditions in the northern Baltic Sea**

**Zaitseva-Pärnaste, Inga; Suursaar, Ülo; Kullas, Tiit; Lapimaa, Sirje; Soomere, Tarmo** Journal of coastal research 2009 / Special issue 56, Proceedings of the 10th International Coastal Symposium ICS 2009. Volume I, p. 277-281 : ill

**Ship-induced solitary Riemann waves of depression in Venice Lagoon**

**Parnell, Kevin Ellis; Soomere, Tarmo;** Zaggia, Luca; **Rodin, Artem;** Lorenzetti, Giuliano; Rapaglia, John; Scarpa, Gian Marco  
Physics letters A 2015 / p. 555-559 : ill <https://doi.org/10.1016/j.physleta.2014.12.004> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

**Shoaling and runup of long waves induced by high-speed ferries in Tallinn Bay**

**Didenkulova, Irina;** Parnell, Kevin Ellis; **Soomere, Tarmo;** Pelinovsky, Efim; **Kurennoy, Dmitry** Journal of coastal research 2009 /  
Special issue 56, Proceedings of the 10th International Coastal Symposium ICS 2009. Volume I, p. 491-495 : ill

**Simulating long-term changes of wave conditions in the northern Baltic Sea**

**Räämet, Andrus** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 /  
p. 149

**Spatial patterns of quality of historical wave climate reconstructions for the Baltic Sea**

**Räämet, Andrus; Soomere, Tarmo** Boreal environment research 2021 / p. 29-41 : ill <https://www.proquest.com/docview/2676153664?pq-origsite=gscholar&fromopenview=true&source=Scholarly%20Journals> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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

**Spatio-temporal variability of the Baltic Sea wave fields = Läänemere lainetuse tingimuste ajalis-ruumiline muutlikkus**

**Räämet, Andrus** 2010 [https://www.ester.ee/record=b2604916\\*est](https://www.ester.ee/record=b2604916*est)

**Teadur: kiirlaevade marsruute ja kiirust Tallinna lähel tuleb muuta : [intervjuu TTÜ Küberneetika Instituudi teaduri Tarmo Soomerega]**

Käärt, Ulvar; **Soomere, Tarmo** Eesti Päevaleht 2006 / lk. 10 <https://epi.delfi.ee/artikkel/51038116/teadur-kiirlaevade-marsruute-ja-kiirust-tallinna-lahel-tuleb-muuta>

**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 effect of bottom roughness to the breaking wave structure in surf zone [Electronic resource]**

**Liiv, Toomas** Proceedings of the International Conference "Hydraulics (Science and Discipline)" 2004 / ? p. [CD-ROM]

**The transformation and run-up of long breaking solitary waves of various polarities on a sloping beach**

**Rodin, Artem; Didenkulova, Irina;** Pelinovsky, Efim 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. 204 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

**The wave climate and its seasonal variability in the northeastern Baltic Sea**

**Räämet, Andrus; Soomere, Tarmo** Estonian journal of earth sciences 2010 / 1, p. 100-113 : ill  
[https://artiklid.elnet.ee/record=b1965737\\*est](https://artiklid.elnet.ee/record=b1965737*est)

**Towing test tank control system**

**Tamre, Mart; Liyanage, Dhanushka Chamara; Hiimaa, Mairo** NCSIE : труды Международной мультikonференции Сетевое  
партнерство в науке, промышленности и образовании : Санкт-Петербург, Россия, 4-6 июля 2016 2016 / p. 275-282 : ill

**Travelling water waves along a quartic bottom profile**

**Didenkulova, Irina;** Pelinovsky, Efim Proceedings of the Estonian Academy of Sciences 2010 / 2, p. 166-171 : ill

**Trends and extremes of wave fields in the north-eastern part of the Baltic Proper**

Broman, Barry; Hammarklint, Thomas; **Rannat, Kalev; Soomere, Tarmo;** Valdmann, Ain Oceanologia 2006 / p. 165-184 : ill  
[https://www.researchgate.net/publication/26472656\\_Trends\\_and\\_extremes\\_of\\_wave\\_fields\\_in\\_the\\_north-eastern\\_part\\_of\\_the\\_Baltic\\_Prope](https://www.researchgate.net/publication/26472656_Trends_and_extremes_of_wave_fields_in_the_north-eastern_part_of_the_Baltic_Prope)

**Unikaalsed lainetuse tingimused Läänemeres 2005. a jaanuaris**

**Soomere, Tarmo** Tartu Ülikooli Ilmade Observatooriumi 140. juubeli konverentsi ettekanded 2006 / lk. 215-224 : ill., kaart

**Unusual wave conditions in the northern Baltic Sea during windstorm Gudrun in January 2005 [Electronic resource]**

**Soomere, Tarmo;** Behrens, A.; Tuomi, Laura; Nielsen, J.W. Geophysical research abstracts 2006 / Proc. European Geosciences  
Union (EGU) General Assamblee : Vienna, 4-8 April 2006, Paper 02851 [3] p. [CD-ROM]

**Uudne nutikas poi aitab uurida merejää ja lainetuse vastasmõju**

**Alari, Victor** Horisont 2023 / lk. 24-28 : fot [https://www.ester.ee/record=b1072243\\*est](https://www.ester.ee/record=b1072243*est)

**Uus mudel prognoosib Läänemere lainete käitumist**



**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 long waves generated by high-speed ferries in Tallinn Bay**

**Kurennoy, Dmitry**; Parnell, Kevin Ellis BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 182

**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>

**Variations in extreme wave heights and wave directions in the north-eastern Baltic Sea**

**Räämet, Andrus; Soomere, Tarmo; Zaitseva-Pärnaste, Inga** Proceedings of the Estonian Academy of Sciences 2010 / 2, p. 182-192 : ill

**Wave climate and its decadal changes in the Baltic Sea derived from visual observations = Läänemere lainekliima ja selle muutlikkus visuaalsete lainevaatluste alusel**

**Zaitseva-Pärnaste, Inga** 2013

**Wave climatology in the Arkona Basin, the Baltic Sea**

**Soomere, Tarmo**; Weisse, Ralf; Behrens, Arno Ocean science 2012 / p. 287-300 : ill <https://os.copernicus.org/articles/8/287/2012/os-8-287-2012.pdf>

**Wave regime differences along the eastern coast of the Baltic Proper**

**Kelpšaitė, Loreta; Herrmann, Heiko; Soomere, Tarmo** Proceedings of the Estonian Academy of Sciences 2008 / 4, p. 225-231 : ill

**Waves**

**Soomere, Tarmo** Encyclopedia of marine geosciences 2016 / p. 940-944 : tab [http://doi.org/10.1007/978-94-007-6238-1\\_142](http://doi.org/10.1007/978-94-007-6238-1_142)

**Vessel-wave induced potential longshore sediment transport at Aegna Island, Tallinn Bay**

**Kelpšaitė, Loreta; Soomere, Tarmo** Estonian journal of engineering 2009 / 3, p. 168-181 : ill

**Курсовая устойчивость судна в одном частном случае попутного волнения**

**Ananjev, Dmitri** Физика, математика и теоретическая механика : сборник статей. [1] 1965 / с. 3-13 : илл [https://www.ester.ee/record=b2182004\\*est](https://www.ester.ee/record=b2182004*est) <https://www.etera.ee/zoom/120515/view?>