

**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/?448> [https://www.ester.ee/record=b2508754\\*est](https://www.ester.ee/record=b2508754*est)

**Assessing near-bottom velocity field using an experimental particle image velocimeter**

Buschmann, Fred; Erm, Ants; Listak, Madis The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 317 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

**Autonomous PIV-measurements in the Tallinn Bay**

Erm, Ants; Listak, Madis; Rebane, Jaan; Toming, Gert; Buschmann, Fred International Coastal Symposium 2013 : book of abstracts : Plymouth University, 8–12 April 2013 2013 / p. 376

**Baltic Sea could be used to heat homes in future**

news.err.ee 2024 [Baltic Sea could be used to heat homes in future](#)

**Changes of the pollution load and water quality of the Tallinn Bay**

Nõmm, Avo; Lääne, Ain With rivers to the sea : interaction of land activities, fresh water and enclosed coastal seas : proceedings seventh Stockholm Water Symposium, 10-15 August 1997, Stockholm, Sweden 1998 / p. 40-41

**Contribution of wave set-up into the total water level in the Tallinn area**

Pindsoo, Katri; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2015 / p. 338-348 : ill [https://artiklid.elnet.ee/record=b2740558\\*est](https://artiklid.elnet.ee/record=b2740558*est) <https://doi.org/10.3176/proc.2015.3S.03> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Contribution of wave set-up into the total water level in the Tallinn area**

Pindsoo, Katri; Soomere, Tarmo 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. 87 [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)

**Energy pollution : the relative influence of wind-wave and vessel-wake energy in Tallinn Bay, the Baltic Sea**

Kelpšaitė, Loreta; Parnell, Kevin Ellis; Soomere, Tarmo Journal of coastal research 2009 / Special issue 56, Proceedings of the 10th International Coastal Symposium ICS 2009. Volume I, p. 812-816 : ill

**Far-field vessel wakes in Tallinn Bay**

Parnell, Kevin Ellis; Delpeche, Nicole; Didenkulova, Irina; Dolphin, Tony; Erm, Ants; Kask, Andres; Kelpšaitė, Loreta; Kurennoy, Dmitry; Quak, Ewald; Räämet, Andrus; Soomere, Tarmo; Terentjeva, Anna; Torsvik, Tomas; Zaitseva-Pärnaste, Inga Estonian journal of engineering 2008 / 4, p. 273-302 : ill

**Fast ferries as a new key forcing factor in Tallinn Bay**

Soomere, Tarmo; Elken, Jüri; Kask, Jüri; Keevallik, Sirje; Kõuts, Tarmo; Metsaveer, Jaan; Peterson, Pearu Proceedings of the Estonian Academy of Sciences. Engineering 2003 / 3, p. 220-242 : ill

**Fast ferry traffic as a qualitatively new forcing factor of environmental processes in non-tidal sea areas : a case study in Tallinn Bay, Baltic Sea**

Soomere, Tarmo Environmental fluid mechanics 2005 / p. 293-323 : ill <https://link.springer.com/article/10.1007/s10652-005-5226-1>

**Improvement of the Estonian coastal sea monitoring on the example of the investigations in the Tallinn Bay**

Nõmm, Avo Monitoring Tailor-made : an international workshop on monitoring and assessment in water management, Beekbergen, The Netherlands, September 20-23, 1994 : abstract book 1994 / p. 101-103

**Improvement of the Estonian coastal sea monitoring on the example of the investigations in the Tallinn Bay**

Nõmm, Avo Proceedings of the International Workshop Monitoring Tailor-made : An International Workshop on Monitoring and Assessment in Water Management, 20-23 September, 1994, Beekbergen, The Netherlands 1995 / p. 321-323

**Investigating sediment resuspension using combined optical and acoustic methods**

Buschmann, Fred; Erm, Ants; Rebane, Jaan; Listak, Madis 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. 111 : ill [http://www.baltic-earth.eu/events/nida2016/material/BalticEarth\\_Nida2016\\_Proceedings.pdf](http://www.baltic-earth.eu/events/nida2016/material/BalticEarth_Nida2016_Proceedings.pdf)

**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)

**Kiirlaevalainetest**

Soomere, Tarmo Horisont 2012 / lk. 4 [https://artiklid.elnet.ee/record=b2489808\\*est](https://artiklid.elnet.ee/record=b2489808*est)

## **Labor, kust algab puhtam meri**

Vaaks, Eveliis Trialoog 2025 <https://trialoog.taltech.ee/labor-kust-algab-puhtam-meri/>

## **Lithohydrodynamic processes in the Tallinn Bay area = Litohüdrodünaamilised protsessid Tallinna lahe piirkonnas**

Kask, Andres 2009 [https://www.ester.ee/record=b2508627\\*est](https://www.ester.ee/record=b2508627*est)

## **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)

## **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 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](https://www.researchgate.net/publication/261379280_Monitoring_sediment_transport_in_the_coastal_zone_of_Tallinn_Bay)

## **Particle Image Velocimetry - an attractive method to make the near bottom velocity field visible [Online resource]**

Buschmann, Fred; Erm, Ants; Listak, Madis 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. 30 [https://www.baltic-earth.eu/multipledrivers2018/material/No.14\\_Tallinn2018.pdf](https://www.baltic-earth.eu/multipledrivers2018/material/No.14_Tallinn2018.pdf)

## **Preventive management of undesired changes in alongshore sediment transport in the planning of a waterfront infrastructure**

Käard, Arvo; Valdmann, Ain; Eelsalu, Maris; Pindsoo, Katri; Männikus, Rain; Soomere, Tarmo The Sustainable City XI 2016 / p. 419-430 : ill <http://doi.org/10.2495/SC160361>

## **Profiles of waves from high-speed ferries in the coastal area of Tallinn Bay**

Soomere, Tarmo; Pöder, Reio; Rannat, Kalev; Kask, Andres Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 3, p. 245-260 : ill

## **Propagation and run-up of nonlinear solitary surface waves in shallow seas and coastal areas = Pikkade mittelineaarsete lainete dünaamika ja lainerünnak**

Rodin, Artem 2015 [https://www.ester.ee/record=b4467039\\*est](https://www.ester.ee/record=b4467039*est)

## **Quantification of the changes in sediment volume in a small beach applying laser scanning technology**

Eelsalu, Maris; Soomere, Tarmo; Julge, Kalev; Grünthal, Erko 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. 197 [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)

## **Robotite katsetamisest Tallinna lahel : [ka Eesti Meremuuseumi ja TTÜ biorobotika keskuse koostööst]**

Lätti, Priit Tutulus : Eesti arheoloogia aastakiri 2017 / lk. 35 : fot

## **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](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

## **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

## **Simulation of patterns of wakes from high-speed ferries in Tallinn Bay**

Torsvik, Tomas; Soomere, Tarmo Estonian journal of engineering 2008 / 3, p. 232-254 : ill

## **Teadlased pakkusid Tallinna lahe haisu probleemile mitu lahendust : [TTÜ meresüsteemide instituudi uuringust]**

Sinikalda, Meribel Postimees 2014 / lk. 4 <https://www.postimees.ee/2857043/teadlased-pakkusid-tallinna-lahe-haisu-probleemile-mitu-lahendust>

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

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

## **Tehnikaülikooli teadlased näevad soojusenergia allikana Läänemerd**

Elektrila 2024 / lk. 9 : fot [https://www.ester.ee/record=b1240496\\*est](https://www.ester.ee/record=b1240496*est)

## **Tehnikaülikooli teadlased: Tallinna lahest saaks energiat ammutada soojuspumpadega, aga sellega kaasneb mitu probleemi**

rohe.geenius.ee novaator.err.ee 2024 [Tehnikaülikooli teadlased: Tallinna lahest saaks energiat ammutada soojuspumpadega, aga sellega kaasneb mitu probleemi](#) Eesti teadlased soovivad tube kütta Läänemerest välja pumbatava soojustega Läänemeri võib tulevikus kodud soojaks kütta

## **Tehnogeensed lained Tallinna lähel**

**Pöder, Reio** Tartu Ülikooli Ilmade Observatooriumi 140. juubeli konverentsi ettekanded 2006 / lk. 93-96 : ill [https://artiklid.elnet.ee/record=b1060039\\*est](https://artiklid.elnet.ee/record=b1060039*est)

## **Toasoe mereveest? Tallinnas saaks mere abil soojust toota peaaegu aasta läbi**

roheportaal.delfi.ee 2024 [Toasoe mereveest? Tallinnas saaks mere abil soojust toota peaaegu aasta läbi](#)

## **Transport of sediments resuspended by ferries**

**Erm, Ants; Alari, Victor; Kõuts, Tarmo** US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 45-46 : ill

## **Tuul ei suuda võistelda kiirlaevadega**

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

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

**Didenkulova, Irina; Rodin, Artem** Nonlinear processes in geophysics 2013 / p. 179-188 : ill <https://doi.org/10.5194/npg-20-179-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Underwater experiments and a theoretical model – case study in Tallinn Bay**

**Erm, Ants; Buschmann, Fred; Listak, Madis; Rebane, Jaan; Toming, Gert** Journal of coastal research 2013 / p. 1521-1526 : ill <https://doi.org/10.2112/SI65-257> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

## **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

## **Wind wave statistics in Tallinn Bay**

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

## **Õlireostus jõudis Naissaare lähedale : [kommenteerib TTÜ meresüsteemide instituudi vanemteadur Urmas Raudsepp]**

Käärt, Ulvar; **Raudsepp, Urmas** Eesti Päevaleht 2006 / 18. märts, lk. 4 <https://epl.delfi.ee/artikkel/51034352/olireostus-joudis-naissaare-lahedale>

## **Õlireostus murrab jõudsalt Tallinna lähistel ranna poole : [kommentaar ka TTÜ meresüsteemide instituudi vanemteadurilt Urmas Raudsepalt]**

Rajalo, Priit; **Raudsepp, Urmas** Postimees 2006 / 20. märts, lk. 4 <https://www.postimees.ee/1534249/olireostus-murrab-joudsalt-tallinna-lahistel-ranna-poole>

## **Õlireostus ähvardab Pranglit ja Naissaart : [kommentaar ka TTÜ meresüsteemide instituudi vanemteadurilt Urmas Raudsepalt]**

Reinap, Aivar; **Raudsepp, Urmas** Postimees 2006 / 17. märts, lk. 3 <https://www.postimees.ee/1533833/olireostus-ahvardab-pranglit-ja-naissaart>

## **Некоторые вопросы комплексного исследования Таллинского залива**

**Velner, Harald-Adam; Aitsam, Ain; Paal, Leopold; Kask, Andres; Vålbe, M.; Kuik, Leopold; Kaddai, E.** Доклады республиканской конференции по использованию и охране водных ресурсов Эстонской ССР : (11-13 июня 1964 г.) 1965 / с. 82-87 [https://www.ester.ee/record=b1359200\\*est](https://www.ester.ee/record=b1359200*est)

## **О комплексных исследованиях Таллинского залива**

**Lääne, Ain; Saava, Astrid** Сборник тезисов докладов III республиканского съезда эпидемиологов, микробиологов, инфекционистов и гигиенистов 22-23 ноября 1977 года : сборник посвящен 60-летию Великой Октябрьской социалистической революции и 25-летию Таллинского НИИ эпидемиологии, микробиологии и гигиены Министерства здравоохранения ЭССР 1977 / с. 265-266 [https://www.ester.ee/record=b1291523\\*est](https://www.ester.ee/record=b1291523*est)

**Сезонные изменения некоторых показателей качества воды в Таллинском заливе**

**Lääne, Ain; Makarov, V. V.** 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. 21-23 : ил [https://www.ester.ee/record=b1281816\\*est](https://www.ester.ee/record=b1281816*est)