

Analysis of hull performance on fast patrol boat with an extended study of survivability under damaged conditions
Pratama, Angga Sifta; Prabowo, Aditya Rio; Muhayat, Nurul; **Putranto, Teguh**; Tuswan, Tuswan IOP Conference Series: Earth and Environmental Science ; 1166, 1 2023 / art. 012046 <https://doi.org/10.1088/1755-1315/1166/1/012046> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Analysis of ship wake transformation in the coastal zone using time-frequency methods
Torsvik, Tomas; Hermann, Heiko; Didenkulova, Irina; Rodin, Artem Proceedings of the Estonian Academy of Sciences 2015 / p. 379-388 : ill https://artiklid.elnet.ee/record=b2740572*est <https://doi.org/10.3176/proc.2015.3S.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Comparative study of experimental and CFD results for stepped planing hulls
Niazmand Bilandi, Rasul; Dashtimanesh, Abbas; Mancini, Simone; Vitiello, Luigi Ocean engineering 2023 / art. 114887 <https://doi.org/10.1016/j.oceaneng.2023.114887> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Detecting ship wakes for the study of coastal processes
Rätsep, Margus; Parnell, Kevin Ellis; Soomere, Tarmo Journal of coastal research 2020 / p. 1258-1262 <https://doi.org/10.2112/SI95-243.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of bilge keel variations on the designed fast patrol boats to hull resistance and stability behaviours
Rahmaji, Tri; Prabowo, Aditya Rio; Muhayat, Nurul; Tuswan, Tuswan; Putranto, Teguh IOP Conference Series: Earth and Environmental Science ; 1166, 1 2023 / art. 012048 <https://doi.org/10.1088/1755-1315/1166/1/012048> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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>

Fast ship prototype design simulation with fin stabilizer on hydrodynamic characteristics for ship realization planning
Diatmaja, Hananta; Prabowo, Aditya Rio; Muhayat, Nurul; Tuswan, Tuswan; **Putranto, Teguh** IOP Conference Series: Earth and Environmental Science ; 1166, 1 2023 / art. 012047 <https://doi.org/10.1088/1755-1315/1166/1/012047> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Identification of ship wake structures by a time-frequency method
Torsvik, Tomas; Soomere, Tarmo; Didenkulova, Irina; Sheremet, Alex Journal of fluid mechanics 2015 / p. 229-251 : ill <https://doi.org/10.1017/jfm.2014.734> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kiirlaev aeglasemaks - merekallas on ohus!
Maksim, Tiit; Soomere, Tarmo Harjumaa 2005 / 28. okt., lk. 4 : ill

Kiirlaevalad 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

Kiirlaevalainete uuringud võtmene mõrvarlainete ja tsunamide maailma
Soomere, Tarmo Tallinna Tehnikaülikooli aastaraamat 2007 2008 / lk. 84-92 : ill

Kiirlaevalainetest
Soomere, Tarmo Horisont 2012 / lk. 4 https://artiklid.elnet.ee/record=b2489808*est

Kiirlaevandusest nii kaine mõistusega kui ka teadlase pilguga

Erm, Ants Postimees 2006 / 7. juuni, lk. 16 : fot

Lainetav Läänemeri Eesti teadlaste pilgu läbi

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

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

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

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

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>

Safety improvements for high-speed planing craft occupants : A systematic review

Roshan, Fatemeh; Dashtimanesh, Abbas; **Kujala, Pentti Jouko Sakari** Journal of marine science and engineering 2024 / art. 845
<https://doi.org/10.3390/jmse12050845> 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

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

Tallinn ja Viimsi piiraksid kiirlaevade kiirust : [ka merefüüsik Tarmo Soomere selgitustega]

Kalberg, Signe; **Soomere, Tarmo** Eesti Päevaleht 2006 / 23. okt., lk. 11 <https://arileht.delfi.ee/artikkel/51061288/tallinn-ja-viimsi-piiraksid-kiirlaevade-kiirust>

Tarmo Soomere: eluohtlikud kiirlaevalained ründavad taas

Roováli, Küllike; **Soomere, Tarmo** Õhtuleht 2017 / lk. 3

Teadlased uurivad kiirlaevade mõju : [transpordiameti tellimus TTÜ teadlastele uurimistöö tegemiseks : lühisõnum]

Postimees 2006 / 9. jaan., lk. 12

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://epl.delfi.ee/artikkel/51038116/teadur-kiirlaevade-marsruute-ja-kiirust-tallinna-lahel-tuleb-muuta>

The effect of spray rails, chine strips and V-shaped spray interceptors on the performance of low planing high-speed craft in calm water

Lakatoš, Mikloš; Sahk, Tarmo; Andreasson, Henrik; **Tabri, Kristjan** Applied Ocean Research 2022 / art. 103131
<https://doi.org/10.1016/j.apor.2022.103131> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The impact of fast ferry traffic on underwater optics and sediment resuspension

Erm, Ants; Soomere, Tarmo Oceanologia 2006 / p. 283-301 : ill

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

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>