

**A comparison of Baltic Sea wave properties simulated using two modelled wind data sets**

**Giudici, Andrea; Jankowski, Mikolaj Zbigniew; Männikus, Rain; Najafzadeh, Fatemeh; Suursaar, Ülo; Soomere, Tarmo** Estuarine, coastal and shelf science 2023 / art. 108401, 15 p. : ill <https://doi.org/10.1016/j.ecss.2023.108401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Extending the observed Baltic Sea wave climate back to the 1940s**

**Soomere, Tarmo** Journal of coastal research 2013 / p. 1969-1974 : ill <https://doi.org/10.2112/si65-333.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Hot-spots of large wave energy resources in relatively sheltered sections of the Baltic Sea coast**

**Kovaleva, Olga; Eelsalu, Maris; Soomere, Tarmo** Renewable and sustainable energy reviews 2017 / p. 424-437 : ill <https://doi.org/10.1016/j.rser.2017.02.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Impact of changes in sea ice cover on the wave climate of semi-enclosed, seasonally ice-covered water bodies at temperate latitudes: a case study in the Gulf of Riga**

**Najafzadeh, Fatemeh; Soomere, Tarmo** Estonian journal of earth sciences 2024 / p. 26-36 <https://doi.org/10.3176/earth.2024.03>

**Linking wave loads with the intensity of erosion along the coast of Latvia**

**Soomere, Tarmo; Viška, Maija; Lapinskis, Janis; Räämet, Andrus** Estonian journal of engineering 2011 / p. 359-374 : ill

**Measurement and model simulations of hydrodynamic parameters, observations of coastal changes and experiments with indicator sediments to analyse the impact of storm St. Jude in October, 2013**

**Tõnisson, Hannes; Suursaar, Ülo; Alari, Victor; Muru, Merle; Ravis, Reimo; Kont, Are; Viitak, Marii** Journal of coastal research 2016 / p. 1257-1261 : ill <https://doi.org/10.2112/SI75-252.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Modelling suitable layout for a small island harbour: A case study of Ruhnu in the Gulf of Riga, eastern Baltic Sea**

**Männikus, Rain; Wang, W. W.; Eelsalu, Maris; Najafzadeh, Fatemeh; Bihs, H.; Soomere, Tarmo** Latvian journal of physics and technical sciences 2024 / p. 3-24 <https://doi.org/10.2478/lpts-2024-0040>

**Numerical simulations of wave climate in the Baltic Sea: a review**

**Soomere, Tarmo** Oceanologia 2023 / p. 117-140 <https://doi.org/10.1016/j.oceano.2022.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Refraction may redirect waves from multiple directions into a harbour : a case study in the Gulf of Riga, eastern Baltic Sea**

**Männikus, Rain; Soomere, Tarmo; Najafzadeh, Fatemeh** Estonian journal of earth sciences 2022 / p. 80-88 : ill <https://doi.org/10.3176/earth.2022.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Retrieving the signal of climate change from numerically simulated sediment transport along the Eastern Baltic Sea Coast**

**Soomere, Tarmo; Viška, Maija; Pindsoo, Katri** Coastline changes of the Baltic Sea from south to east : past and future projection 2017 / p. 327-361 [http://doi.org/10.1007/978-3-319-49894-2\\_15](http://doi.org/10.1007/978-3-319-49894-2_15) [http://www.ester.ee/record=b4690805\\*est](http://www.ester.ee/record=b4690805*est)

**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

**Spatial variations of wave loads and closure depths along the coast of the eastern Baltic Sea**

**Soomere, Tarmo; Viška, Maija; Eelsalu, Maris** Estonian journal of engineering 2013 / p. 93-109 : ill [https://artiklid.elnet.ee/record=b2621589\\*est](https://artiklid.elnet.ee/record=b2621589*est) <https://doi.org/10.3176/eng.2013.2.01> [Article at Scopus](#)

**Spatiotemporal variability of wave climate in the Gulf of Riga**

**Najafzadeh, Fatemeh; Jankowski, Mikolaj Zbigniew; Giudici, Andrea; Männikus, Rain; Suursaar, Ülo; Viška, Maija; Soomere, Tarmo** Oceanologia 2024 / p. 56-77 : ill <https://doi.org/10.1016/j.oceano.2023.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)