

## **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  
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## **Application of shore sediments accumulated in navigation channel for restoration of sandy beaches around Pärnu City, SW Estonia, Baltic Sea**

Tõnisson, Hannes; **Männikus, Rain**; Kont, Are; Palginõmm, Valdeko; **Alari, Victor**; Suuroja, Sten; Vaasma, Tiit; Vilumaa, Kadri  
Journal of marine science and engineering 2024 / art. 394 <https://doi.org/10.3390/jmse12030394> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Armour units of rubble mound breakwaters**

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## **An assessment of Caspian Sea modeled wave climate using ERA5 winds**

**Männikus, Rain; Giudici, Andrea**; Mayemerova, Gülnara; Beisembekova, Meruyert; Rakisheva, Zaure Bayanovna; Soomere, Tarmo  
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## **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**  
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## **Differences in stationary and nonstationary analysis of water level extremes in Latvian waters, Baltic Sea, during 1961-2018**

**Männikus, Rain; Kudryavtseva, Nadezhda; Soomere, Tarmo** 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.74-75 : ill ["proceedings"](#)

## **Directional variation of return periods of water level extremes in Moonsund and in the Gulf of Riga, Baltic Sea**

**Männikus, Rain; Soomere, Tarmo** Regional studies in marine science 2023 / art. 102741 <https://doi.org/10.1016/j.rsma.2022.102741> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Directional variation of return periods of water level extremes in the Gulf of Riga, Baltic Sea**

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## **High-resolution wave model for coastal management and engineering in the eastern Baltic Sea**

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**Rapidly transforming Holocene strandplain, affected by port jetty and hydroclimatic shifts – natural laboratory of past and future shoreline behavior**

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**Veetaseme tõusu prognoos aitab rannikule ehitisi planeerida**

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