

## **Abstract on the dynamics of the river bulge using satellite imagery and numerical model, case study of Daugava river bulge**

**Soosaar, Edith; Uiboupin, Rivo; Skudra, Maris; Maljutenko, Ilja; Raudsepp, Urmas** 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. 61 [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 investigation of anticyclonic circulation in the southern Gulf of Riga during the spring period**

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## **Application of the HIDRA2 deep-learning model for sea level forecasting along the Estonian coast of the Baltic Sea**

**Barzandeh, Amirhossein; Licer, Matjaz; Rus, Marko; Kristan, Matej; Maljutenko, Ilja; Elken, Juri; Lagemaa, Priidik; Uiboupin, Rivo** Ocean Science 2025 / p. 1315-1327 <https://doi.org/10.5194/os-21-1315-2025>

## **Assessing the potential for sea-based macroalgae cultivation and its application for nutrient removal in the Baltic Sea**

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## **Baltic Sea surface temperature analysis 2022: a study of marine heatwaves and overall high seasonal temperatures**

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## **Combined analysis of Cryosat-2/SMOS sea icethickness data with model reanalysis fields over the Baltic Sea**

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Eesti kliima ja keskkonnaseisundi võimalike muutuste hindamine atmosfääri-, mere- ja jõgede äravoolu dünaamiliste

#### **muldelite tulemuste põhjal (EstKliima)**

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#### **Effects of nutrient management scenarios on marine eutrophication indicators : a Pan-European, Multi-Model Assessment in Support of the Marine Strategy Framework Directive**

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#### **Extreme waves and low sea level during the storm in the Gulf of Bothnia, Baltic Sea**

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#### **Impact of ship-borne nitrogen deposition on the Gulf of Finland ecosystem : an evaluation**

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#### **The impact of surface currents and sea level on the wave field evolution during St. Jude storm in the eastern Baltic Sea**

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### **River bulge evolution and dynamics in a non-tidal sea - Daugava River plume in the Gulf of Riga, Baltic Sea**

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