

Detecting ship wakes for the study of coastal processes

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Observations of Lagrangian transport using a synergy of satellite and in-situ surface drifters in the Baltic Sea for the period 2011-2018

Delpeche-Ellmann, Nicole Camille; Giudici, Andrea; Rätsep, Margus; Soomere, Tarmo; Ellmann, Artu Living Planet

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Observations of surface drift and effects induced by wind and surface waves in the Baltic Sea for the period 2011–2018

Delpeche-Ellmann, Nicole Camille; Giudici, Andrea; Rätsep, Margus; Soomere, Tarmo Estuarine, coastal and shelf science

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<https://doi.org/10.23658/taltech.7/2025>

Surface vessel localization from wake measurements using an array of pressure sensors in the littoral zone

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Using spectrograms from underwater total pressure sensors to detect passing vessels in a coastal environment

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