

Accurate sea surface heights from Sentinel-3A and Jason-3 retracers by incorporating high-resolution marine geoid and hydrodynamic models

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Journal of geodetic science 2021 / p. 58-74

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Applying machine learning with satellite altimetry data for prediction of absolute dynamic topography for the Baltic Sea

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Determination of Accurate Dynamic Topography for the Baltic Sea Using Satellite Altimetry and a Marine Geoid Model

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu; Jahanmard, Vahidreza Remote sensing 2023 / art. 2189

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Heinoja, Lenne-Liisa; **Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Journal of geodetic science 2023 / art. 20220159

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Machine learning prediction for filling the interruptions of tide gauge data using a least square estimation method from nearest stations

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Realizing the European Vertical Reference System using model-based hydrodynamic leveling data

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Treatment of tide gauge time series and marine GNSS measurements for vertical land motion with relevance to the implementation of the Baltic Sea chart datum 2000

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Utilizing airborne laser scanning and geoid model for near-coast improvements in sea surface height and marine dynamics

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Validation of conventional and retracked Sentinel-3 observations along the Norwegian coast

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