

**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**

**Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 26 I. <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

**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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**Examining mean dynamic topography using geodetic and oceanographic approaches for the Baltic Sea**

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Nordic Geodetic Commission General Assembly

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**Examining the performance of along track multi-mission satellite altimetry – a case study for Sentinel-6**

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

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**Geodetic SAR for height system unification and sea level research-results in the Baltic Sea test network**

Gruber, Thomas; Agren, Jonas; Angermann, Detlef; **Ellmann, Artu**; Engfeldt, Andreas; Gisinger, Christoph; Jaworski, Leszek; Kur, Tomasz; Marila, Simo; Varbla, Sander Remote sensing 2022 / art. 3250 <https://doi.org/10.3390/rs14143250> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Long-term and decadal sea-level trends of the Baltic Sea using along-track satellite altimetry**

**Mostafavi, Majid; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille** Remote sensing 2024 / art. 760

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

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Geodesy for a Sustainable Earth, Scientific Assembly of the International Association of Geodesy : abstract book 2021 / S5-030 p. 529 [https://mm.sciconf.cn/en/minisite/poster-detail-new/1646?poster\\_id=1563508](https://mm.sciconf.cn/en/minisite/poster-detail-new/1646?poster_id=1563508) [https://files.sciconf.cn/upload/file/20210626/20210626085039\\_69146.pdf](https://files.sciconf.cn/upload/file/20210626/20210626085039_69146.pdf)

**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**

**Varbla, Sander; Ågren, Jonas; Ellmann, Artu**; Poutanen, Markku Remote sensing 2022 / art. 920, 24 p. : ill

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

**Varbla, Sander; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille** Journal of coastal research 2020 / p. 1339-1343

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

**Mostafavi, Majid; Jahanmard, Vahidreza; Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 27 I.

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