

Comparison of methods applied for Marine Geoid Modelling in the Baltic Sea project FAMOS

Agren, Jonas; Schwabe, Joachim; Saari, T.; **Ellmann, Artu**; Forsberg, R. IUGG 2019 : abstract book 2019 / [1] p., abstract: IUGG19-2965 <http://iugg2019montreal.com/abstract-book.html>

From discrete gravity survey data to a high-resolution gravity field representation in the Nordic-Baltic region

Märdla, Silja; Agren, Jonas; Strykowski, Gabriel; Oja, Tõnis; **Ellmann, Artu** Marine geodesy 2017 / p. 416-453 : ill <https://doi.org/10.1080/01490419.2017.1326428> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geodetic SAR for height system unification and sea level research - observation concept and preliminary results in the Baltic Sea

Gruber, Thomas; Agren, Jonas; Angermann, Detlef; **Ellmann, Artu**; Engfeldt, Andreas; Gisinger, Christoph; Jaworski, Leszek; **Varbla, Sander** Remote sensing 2020 / art. 3747, 30 p. : ill <https://doi.org/10.3390/rs12223747> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geodetic SAR for height system unification and sea level research in the Baltics

Gruber, Thomas; Agren, Jonas; Angermann, Detlef; **Ellmann, Artu**; Gisinger, Christoph; Nastula, Jolanta; Oikonomidou, Xanthi; Poutanen, Markku Geophysical research abstracts 2020 / EGU2020-3132, 1 p <https://doi.org/10.5194/egusphere-egu2020-3132>

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](#)

Overview of the FAMOS efforts to improve the Baltic Sea geoid model by new marine gravity measurements

Agren, Jonas; Schwabe, Joachim; Strykowski, Gabriel; **Ellmann, Artu**; **Märdla, Silja** IAG-IASPEI 2017 : Joint Scientific Assembly of the International Association of Geodesy (IAG) and International Association of Seismology and Physics of the Earth's Interior (IASPEI) : Kobe (Japan), July 30 - August 4, 2017 : abstract book 2017 / p. [72] http://www.iag-iaspei-2017.jp/files/IAG-IASPEI2017_abstracts.pdf

Regional geoid computation by least squares modified Hotine's formula with additive corrections

Märdla, Silja; **Ellmann, Artu**; Agren, Jonas; Sjöberg, Lars E. IAG-IASPEI 2017 : Joint Scientific Assembly of the International Association of Geodesy (IAG) and International Association of Seismology and Physics of the Earth's Interior (IASPEI) : Kobe (Japan), July 30 - August 4, 2017 : abstract book 2017 / p. [83] http://www.iag-iaspei-2017.jp/files/IAG-IASPEI2017_abstracts.pdf

Regional geoid computation by least squares modified Hotine's formula with additive corrections

Märdla, Silja; **Ellmann, Artu**; Agren, Jonas; Sjöberg, Lars E. Journal of geodesy 2018 / p. 253-270 : ill <https://doi.org/10.1007/s00190-017-1061-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Release note for the BSCD2000 height transformation grid

Liebsch, Gunter; Schwabe, Joachim; **Varbla, Sander**; Agren, Jonas; Teitsson, Hergeir; **Ellmann, Artu**; Forsberg, Rene; Strykowski, Gabriel; Bilker-Koivula, Mirjam; Liepinš, Ivars The international hydrographic review 2023 / p. 194-199 <https://doi.org/10.58440/ihr-29-2-n11>

Status of the FAMOS collaboration to improve the Baltic Sea gravity data and geoid model ; S3-O2

Agren, Jonas; Olsson, Per-Anders; Schwabe, Joachim; **Ellmann, Artu** International Symposium Gravity, Geoid and Height Systems 2 : GGHS2018 : "Gravity Field Of The Earth" : The 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy, Copenhagen, Denmark, Sept. 17-21, 2018 : abstract book 2018 / p. 42

Sub-commission 2.2 : Methodology for geoid and physical weight systems

Agren, Jonas; **Ellmann, Artu** IAG Reports 2015-2019 : Commission 2 - Gravity Field 2019 / p. 33-38 https://iag.dgfi.tum.de/fileadmin/IAG-docs/Travaux2019/02_Commission_2_2015-2019.pdf