

Airborne laser scanning determination of sea surface heights [Electronic resource]

Ellmann, Artu; Julge, Kalev; Gruno, Anti; Liibusk, Aive 26th IUGG General Assembly 2015 : Prague, Czech Republic, Prague Congress Centre, June 22-July 02, 2015 2015 / [1] p

Airborne laser scanning validation of marine geoid models [Online resource]

Ellmann, Artu; Julge, Kalev; Gruno, Anti; Liibusk, Aive 1st Joint Commission 2 and IGFS Meeting International Symposium on Gravity, Geoid and Height Systems 2016 : September 19-23, 2016, Thessaloniki, Greece : program 2016 / [1] p
<http://gghs2016.com/presentation-info/?presentation=728>

Correcting tide gauge series due to land uplift and differences between national height systems of the Baltic Sea countries

Liibusk, Aive; Kall, Tarmo; **Ellmann, Artu; Kõuts, Tarmo** 2014 IEEE/OES Baltic International Symposium : 26-29 May 2014, Tallinn, Estonia : [proceedings] 2014 / [8] p. : ill

Correcting tide gauge series due to land uplift and differences between national height systems of the Baltic Sea countries

Liibusk, Aive; Kall, Tarmo; **Ellmann, Artu; Kõuts, Tarmo** Measuring and Modeling of Multi-Scale Interactions in the Marine Environment : IEEE/OES Baltic Symposium 2014, May 26.-29.2014, Tallinn, Estonia : book of abstracts 2014 / p. 74

Determining regional sea surface topography by GNSS surveys on ice

Liibusk, Aive; **Märdla, Silja; Ellmann, Artu;** Oja, Tõnis Measuring and Modeling of Multi-Scale Interactions in the Marine Environment : IEEE/OES Baltic Symposium 2014, May 26.-29.2014, Tallinn, Estonia : book of abstracts 2014 / p. 75

Determining regional sea surface topography by GNSS surveys on ice

Liibusk, Aive; **Märdla, Silja; Ellmann, Artu;** Oja, Tõnis 2014 IEEE/OES Baltic International Symposium : 26-29 May 2014, Tallinn, Estonia : [proceedings] 2014 / [9] p. : ill

Determining sea surface heights using small footprint airborne laser scanning

Gruno, Anti; Liibusk, Aive; **Ellmann, Artu** Remote Sensing of the Ocean, Sea Ice, Coastal Waters, and Large Water Regions 2013 : 24 September 2013, Dresden, Germany 2013 / p. 88880R-1-88880R-13 : ill

Eesti geodeetid Rahvusvahelise Geodeesia ja Geofüüsika Liidu (IUGG) XXVI peaassambleel Prahas

Ellmann, Artu; Oja, Tõnis; Liibusk, Aive Geodeet 2016 / lk. 83-84 : fot http://www.ester.ee/record=b1072198*est

Eesti, Läti ja Leedu võeti Põhjamaade Geodeesia Komisjoni ametlikeks liikmeteks

Liibusk, Aive; **Ellmann, Artu** Geodeet 2022 / lk. 14-18 : fot http://www.ester.ee/record=b1072198*est

Exploring sea surface heights by using airborne laser scanning

Julge, Kalev; Gruno, Anti; Ellmann, Artu; Liibusk, Aive; Oja, Tõnis 2014 IEEE/OES Baltic International Symposium : 26-29 May 2014, Tallinn, Estonia : [proceedings] 2014 / [7] p. : ill

Exploring sea surface heights by using airborne laser scanning

Julge, Kalev; Gruno, Anti; Ellmann, Artu; Oja, Tõnis; Liibusk, Aive Measuring and Modeling of Multi-Scale Interactions in the Marine Environment : IEEE/OES Baltic Symposium 2014, May 26.-29.2014, Tallinn, Estonia : book of abstracts 2014 / p. 50

Geoid profiles in the Baltic Sea determined using GPS and sea level surface

Jürgenson, Harli; Liibusk, Aive; **Ellmann, Artu** Geodezija ir kartografija = Geodesy and cartography 2008 / 4, p. 109-115

GNSS - globaalne satelliitnavigatsioonisüsteem geodeetilise täpsusega asukohamääranguks : praktilised ülesanded

Ellmann, Artu; Kall, Tarmo; Kollo, Karin; Liibusk, Aive 2022 <http://hdl.handle.net/10492/7805> https://www.ester.ee/record=b5524660*est

GNSS - globaalne satelliitnavigatsioonisüsteem geodeetilise täpsusega asukohamääranguks : õpik kõrgkoolidele

Ellmann, Artu; Kall, Tarmo; Kollo, Karin; Liibusk, Aive 2022 https://www.ester.ee/record=b5524661*est

Kutsestandard - teekond Geodeesiainsener, tase 8-ni

Liibusk, Aive; Kakko, Mairolt; **Ellmann, Artu** Geodeet 2024 / lk. 8-11 : ill https://www.ester.ee/record=b1072198*est

Precise hydrodynamic leveling by using pressure gauges

Liibusk, Aive; **Ellmann, Artu; Kõuts, Tarmo;** Jürgenson, Harli Marine geodesy 2013 / p. 138-163 : ill

Quantification of Baltic Sea Region relative Sea-level rise by using Multi-mission satellite altimetry data and tide gauge sea level series [Online resource]

Liibusk, Aive; Wan, J.; **Ellmann, Artu;** Kuo, C. Y.; Shum, C. K. 26th IUGG General Assembly 2015 : Prague, Czech Republic, Prague Congress Centre, June 22-July 02, 2015 2015 / [1] p

Rahvusvaheline Geodeesia ja Geofüüsika Liidu XXIV Peaassamblee Perugia
Ellmann, Artu; Liibusk, Aive Geodeet 2007 / lk. 54-56 : ill

Raskuskiirenduse anomaalvälja ja geoidi mudelpinna täpsustamine Eestis

Ellmann, Artu; Oja, Tõnis; All, Tarmo; Jürgenson, Harli; Kall, Tarmo; Liibusk, Aive Tartu Ülikooli Ilmade Observatooriumi 150. aastapäeva konverentside artiklid 2016 / lk. 152-164 : ill

Shipborne GNSS acquisition of sea surface heights in the Baltic Sea

Liibusk, Aive; **Varbla, Sander; Ellmann, Artu; Vahter, Kaimo; Uiboupin, Rivo; Delpeche-Ellmann, Nicole Camille** Journal of geodetic science 2022 / 21 p. : ill., map <https://doi.org/10.1515/jogs-2022-0131> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Shipborne GNSS-determined sea surface heights using geoid model and realistic dynamic topography

Varbla, Sander; Liibusk, Aive; Ellmann, Artu Remote sensing 2022 / art. 2368, 30 p. : ill <https://doi.org/10.3390/rs14102368> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Small-footprint airborne laser scanner data for validating marine geoid models

Gruno, Anti; Liibusk, Aive; Ellmann, Artu; Oja, Tõnis; Vain, Ants; Jürgenson, Harli 2013 European Space Agency Living Planet Symposium : [programme and abstracts] 2013 / [1] p

Transfer of heights to islands in West-Estonian Archipelago using hydrodynamic levelling

Liibusk, Aive; **Kõuts, Tarmo; Ellmann, Artu** IEEE/OES Baltic 2012 International Symposium 2012 / [8] p. : ill https://www.researchgate.net/publication/261200033_Transfer_of_heights_to_islands_in_West-Estonian_Archipelago_using_hydrodynamic_levelling

Use of high resolution sea level measurements for height transfer in the West-Estonian archipelago

Liibusk, Aive; **Ellmann, Artu; Kõuts, Tarmo** The 8th International Conference Environmental Engineering : May 19-20, 2011, Vilnius, Lithuania : selected papers. Volume III 2011 / p. 1374-1381 : ill

Using airborne laser scanning profiles to validate marine geoid models [Electronic resource]

Julge, Kalev; Gruno, Anti; Ellmann, Artu; Liibusk, Aive; Oja, Tõnis Geophysical research abstracts 2014 / p. EGU2014-412. [CD-ROM]

Validation of Copernicus sea level altimetry products in the Baltic Sea and Estonian lakes

Liibusk, Aive; **Kall, Tarmo; Rikka, Sander; Uiboupin, Rivo; Suursaar, Ülo; Tseng, K.-H.** Remote sensing 2020 / art. 4062, p. 1-19 <https://doi.org/10.3390/rs12244062> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Validation of marine geoid models by profile-wise GNSS measurements on ice surface

Liibusk, Aive; **Ellmann, Artu** Marine geodesy 2015 / p. 314-326 : ill

Validation of sentinel-3 coastal altimetry data on the Baltic Sea and Estonian lakes

Liibusk, Aive; **Kall, Tarmo; Rikka, Sander; Uiboupin, Rivo** 12th Coastal Altimetry Workshop : Coastal Altimetry Training Course, 4-7 February, 2020 : European Space Agency ESRI, Frascati, Italy : abstracts 2020 / p. 39-40 <https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/ae128dad984c40168397660cc8d0ede7>

Verifying hydrodynamic levelling results through improved land uplift rates in West-Estonian archipelago [Electronic resource]

Liibusk, Aive; **Ellmann, Artu; Kall, Tarmo; Jürgenson, Harli; Kollo, Karin** International Workshop : Sea-Level and Adjustment of the Land Observations, and Models (SLALOM 2012) in Athens, Greece, March 19-22, 2012 : abstract book 2012 / p. 32 [CD-ROM]