

Adapting a regional geoid model to national geodetic infrastructure and conventions [Online resource]

Oja, Tõnis; **Märdla, Silja; Ellmann, Artu**; Rüdja, Andres 1st Joint Commission 2 and IGFS Meeting International Symposium on Gravity, Geoid and Height Systems 2016 : September 19-23, 2016, Thessaloniki, Greece : program 2016 / [2] p
<http://gghs2016.com/search/?entry=958>

Artu Ellmann 40

Oja, Tõnis Geodeet 2008 / lk. 70-71 : portr

Astanguliste pinnavormide mõjust Maa raskuskiirenduse väljale Põhja-Eesti klintranniku näitel

Talvik, Silja; Ellmann, Artu; Oja, Tõnis Geodeet 2012 / lk. 10-18 : ill

Calibration results of different type spring gravimeters from the repeated measurements of Estonian calibration lines

Oja, Tõnis; Nikolenko, T.; Türk, K.; **Ellmann, Artu**; Jürgenson, Harli Geophysical research abstracts 2010 / p. EGU2010-13590
https://www.nordicgeodeticcommission.com/wp-content/uploads/2014/10/NKG2010_Calibration-Estonia_TOja.pdf

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

Development of a 5 mm geoid model – a case study for Estonia

Ellmann, Artu; Oja, Tõnis 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. 51 <https://www.space.dtu.dk/english/gghs2018/programme>

Eesti geodeedid 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 gravimeetriline põhivõrk

Sildvee, Heldur; **Oja, Tõnis** Geodeet 2000 / lk. 10-13 https://artiklid.elnet.ee/record=b1027831*est

Euroopa Geoteaduste Liidu Peaassamblee EGU2009 Viinis : [osalemisest ja sõnavõttudest]

Ellmann, Artu; Oja, Tõnis Geodeet 2009 / lk. 83-84 : ill

Evaluation results of the Earth gravitational model EGM08 over the Baltic countries

Ellmann, Artu; Kaminskis, J.; Parseliunas, E.; Jürgenson, Harli; Oja, Tõnis Newton's bulletin 2009 / 4, External quality evaluation reports of EGM08, p. 110-121 : ill

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

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](#)

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

Märdla, Silja; Ågren, Jonas; Strykowski, Gabriel; Oja, Tõnis; **Ellmann, Artu** 1st Joint Commission 2 and IGFS Meeting International Symposium on Gravity, Geoid and Height Systems 2016 : September 19-23, 2016, Thessaloniki, Greece : program 2016 / [2] p
<http://gghs2016.com/presentation-info/?presentation=719>

Füüsikalise geodeesia ja gravimeetria alused

Ellmann, Artu; Oja, Tõnis; Jürgenson, Harli 2008 http://www.ester.ee/record=b2394460*est

Geoidi modelleerimine kõrguste lähtenivoopinnana

Ellmann, Artu; Märdla, Silja; Oja, Tõnis Teadusmõtte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 21-36 : ill
https://www.ester.ee/record=b5208765*est

Globaalse meretaseme ja glatsiaal-isostaatilise tasakaalustumise modelleerimise konverents Ateenas
Ellmann, Artu; Oja, Tõnis Geodeet 2012 / lk. 108-110 : fot https://artiklid.elnet.ee/record=b2553467*est

Gravimeetriline marsruutmöödistamine 2008. aastal
Gruno, Anti; Oja, Tõnis; Ellmann, Artu Geodeet 2009 / lk. 28-33 : ill

Gravimeetriliste andmete kasutamine tavageodeesias
Ellmann, Artu; Oja, Tõnis Geodeet 2008 / lk. 5-11 : ill

Gravity anomaly field over Estonia
Oja, Tõnis; **Ellmann, Artu**; Märdla, Silja Estonian journal of earth sciences 2019 / p.55-75 : ill
http://www.eap.ee/public/Estonian_Journal_of_Earth_Sciences/2019/issue_2/earth-2019-2-55-75.pdf <https://doi.org/10.3176/earth.2019.06>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gravity surveys on large icecovered lakes in Estonia [Electronic resource]
Oja, Tõnis; Ellmann, Artu; Bloom, Ahti; Gruno, Anti Geophysical research abstracts 2010 / p. EGU2010-13761 [CD-ROM]

IAG2013 teaduslik assamblee Potsdamis, Saksamaal
Talvik, Silja; Oja, Tõnis Geodeet 2013 / lk. 101-102 : ill

Improving and validating gravity data over ice-covered marine areas
Märdla, Silja; Oja, Tõnis; **Ellmann, Artu**; Jürgenson, Harli IAG 150 years : proceedings of the 2013 IAG Scientific Assembly, Potsdam, Germany, 1-6 September, 2013 2016 / p. 263-270 : ill http://dx.doi.org/10.1007/1345_2015_163

Improving regional gravity field and geoid modelling by various use of global geopotential models [Online resource]
Märdla, Silja; Ellmann, Artu; Oja, Tõnis; Ågren, Jonas 26th IUGG General Assembly 2015 : Prague, Czech Republic, Prague Congress Centre, June 22-July 02, 2015 2015 / [1] p

Improving the terrestrial gravity dataset in South-Estonia [Electronic resource]
Oja, Tõnis; Gruno, Anti; Bloom, Ahti; Mäekivi, E.; **Ellmann, Artu**; **All, Tarmo**; Jürgenson, Harli; Michelson, M. Geophysical research abstracts 2009 / p. EGU2009-10997 [CD-ROM]

Investigations towards the NKG2014 geoid model in Estonia [Electronic resource]
Märdla, Silja; Oja, Tõnis; **Ellmann, Artu** Abstract Book for the NKG General Assembly : Göteborg, Sweden, September 1-4, 2014 2014 / p. 14 http://www.lantmateriet.se/globalassets/kartor-och-geografisk-information/gps-och-matning/nkg2014/abstract_book_nkg2014_web.pdf

Kosmosetehnoloogia rakendused geoidi ja gravitatsioonivälja täpsustamiseks Eesti alal
Ellmann, Artu; Oja, Tõnis; Jürgenson, Harli Geodeet 2011 / lk. 22-25 : ill

Maa raskuskiirenduse välja mõjust täppisnivelleerimise tulemustele klintastangu näitel
Talvik, Silja; Ellmann, Artu; Oja, Tõnis Geodeet 2012 / lk. 19-22 : ill

Meregravimeetrilised möödised Lääne-Eesti vetes FAMOS projekti raames
Ellmann, Artu; Väling, Peeter; Oja, Tõnis Geodeet 2016 / lk. 80-82 : ill http://www.ester.ee/record=b1072198*est
https://artiklid.elnet.ee/record=b2802987*est

Meregravimeetrilised möödised Soome lahel projekti FAMOS raames
Varbla, Sander; Ellmann, Artu; Metsar, Jaanus; Oja, Tõnis Geodeet 2017 / lk. 39-43 : ill http://www.ester.ee/record=b1072198*est
https://artiklid.elnet.ee/record=b2831828*est

Modelling the influence of terraced landforms to the Earth's gravity field
Märdla, Silja; Oja, Tõnis; **Ellmann, Artu**; Jürgenson, Harli Gravity, Geoid and Height Systems : proceedings of the IAG Symposium GGHS2012, October 9-12, 2012, Venice, Italy 2014 / p. 157-162 : ill

Modelling the influence of terraced landforms to the Earth's gravity field
Talvik, Silja; Oja, Tõnis; **Ellmann, Artu**; Jürgenson, Harli International Symposium on Gravity, Geoid and Height Systems GGHS2012 : Venice, October 9-12, 2012 2013

Mudelpindade EST-GEOID2011 ja EST-GEOID2003 omavahelistest erinevustest ning võimalikust üleminekust uuele kõrgussüsteemile
Oja, Tõnis; **Ellmann, Artu**; Jürgenson, Harli; Kall, Tarmo Geodeet 2011 / lk. 31-37 : ill

New 5 mm geoid model for Estonia
Ellmann, Artu; Oja, Tõnis [EUREF2019 abstracts] 2019 / p. [60] <https://www.maaamet.ee/euref2019/EUREF2019-Abstracts.pdf>

Observations of UU Cancri

Kalv, Peep; Oja, Tõnis; Harvig, Voldemar Journal of astronomical data 2007 / [18] p. : ill
<https://ui.adsabs.harvard.edu/abs/2007JAD....13....2K/abstract>

Palaeogeographic model for the SW Estonian coastal zone of the Baltic Sea

Rosentau, Alar; **Veski, Siim**; Kriiska, Aivar; Aunap, Raivo; **Vassiljev, Jüri; Saarse, Leili**; Hang, Tiit; **Heinsalu, Atko; Oja, Tõnis** The Baltic Sea basin 2011 / p. 165-188 : ill

Performance of the Earth Gravitational Model EGM08 over the Baltic countries [Electronic resource]

Ellmann, Artu; Kaminskis, J.; Parseliunas, E.; Jürgenson, Harli; Oja, Tõnis Geophysical research abstracts 2009 / p. EGU2009-9507 [CD-ROM]
https://www.researchgate.net/publication/252195364_Performance_of_the_Earth_Gravitational_Model_EGM08_over_the_Baltic_countries

Precise gravity surveys in South Estonia from 2009 to 2010

Türk, Kristina; Sulaoja, Margis; Oja, Tõnis; **Ellmann, Artu**; Jürgenson, Harli The 8th International Conference Environmental Engineering : May 19-20, 2011, Vilnius, Lithuania : selected papers. Volume III 2011 / p. 1499-1505 : ill

Põhjamaade Geodeesia Komisjoni töögruppide koosolekud Tallinnas

Ellmann, Artu; Oja, Tõnis Geodeet 2016 / lk. 78-79 : ill http://www.ester.ee/record=b1072198*est
https://artiklid.elnet.ee/record=b2802986*est

Põhjamaade Geodeesiamisjoni (NKG) geoidi-kõrgussüsteemide ning geodünaamika töögrupi kohtumised Rootsis Gävles 2014.a kevadel

Oja, Tõnis; **Märdla, Silja** Geodeet 2014 / lk. 26-27 : fot https://artiklid.elnet.ee/record=b2721019*est

Põhjamaade geodeesiamisjoni (NKG) teadusnädal Reikjavíkis, Islandil 2013. a kevadel

Oja, Tõnis; Kollo, Karin; **Talvik, Silja** Geodeet 2013 / lk. 99-100 : fot

Põhjamaade geodeesiamisjoni (NKG) üldassamblee Rootsis Göteborgis 2014. a sügisel

Märdla, Silja; Oja, Tõnis Geodeet 2014 / lk. 112-114 : fot https://artiklid.elnet.ee/record=b2721046*est

Põhjamaade Geodeesiamisjoni peaassamblee 2018 Helsingis

Kollo, Karin; **Ellmann, Artu**; Oja, Tõnis; Metsar, Jaanus Geodeet 2018 / lk. 65-67 : fot http://www.ester.ee/record=b1072198*est

Rahvusvaheline Maa raskuskiirendusvälja teenistuse konverents IGFS2006 Istanbulis

Ellmann, Artu; Oja, Tõnis Geodeet 2006 / lk. 28-29 https://artiklid.elnet.ee/record=b1019983*est

Raskuskiirenduse anomaalvälja ja geoidi mudelpinna täpsustamine Eestis

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

Regional models of the gravity field from terrestrial gravity data of heterogeneous quality and density [Electronic resource]

Märdla, Silja; Oja, Tõnis; **Ellmann, Artu**; Jürgenson, Harli Geophysical research abstracts 2014 / p. EGU2014-168. [CD-ROM]

Relative gravity measurements on ice-covered water bodies

Oja, Tõnis; Bloom, Ahti; **Talvik, Silja**; Jürgenson, Harli; **Ellmann, Artu** 150th Anniversary of the IAG : book of abstracts : September 1-6, 2013, Potsdam 2013 / p. 379

Relative gravity surveys on ice-covered water bodies

Oja, Tõnis; Türk, Kristina; **Ellmann, Artu**; Gruno, Anti; Bloom, Ahti; Sulaoja, Margis The 8th International Conference Environmental Engineering : May 19-20, 2011, Vilnius, Lithuania : selected papers. Volume III 2011 / p. 1394-1401 : ill

Secular gravity variations on the gravity base network of Estonia

Oja, Tõnis; Sildvee, Heldur Transactions / Estonian Agricultural University 2003 / p. 122-127
https://artiklid.elnet.ee/record=b1043997*est

Sihikindlus viis noore eesti naise Rootsi tulevikujuhiks

Oja, Tõnis Postimees 2021 / lk. 12-13 : fot <https://dea.digar.ee/article/postimees/2021/06/19/14.1>

Silikaatkivide ehitamine teeb comeback'i

Oja, Tõnis Postimees 2020 / Lk. 8-9 : portr <https://leht.postimees.ee/6987807/silikaatkivide-ehitamine-teeb-comeback-i>
https://www.ester.ee/record=b1072778*est

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

The 5 mm geoid model for Estonia computed by the least squares modified Stokes's formula

Ellmann, Artu; Märdla, Silja; Oja, Tõnis Survey review 2020 / p. 352-372 : ill <https://doi.org/10.1080/00396265.2019.1583848> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The analysis of the results of the repeated gravity measurements carried out on the profile of Põltsamaa-Lelle and groundwater as one of the disturbing factors

Vilipuu, Marek; Oja, Tõnis; Sildvee, Heldur; **Paesalu, Joel** XII Geofysiikan päivat 2005, Helsingissä 19.-20.05.2005 2005 / p. 253-258

The analysis of the results of the repeated gravity measurements done in Estonia in 1977 and in 1998

Oja, Tõnis; Sildvee, Heldur Recent Crystal Movements - SRCM 01 2001 / p. 46

Towards unification of terrestrial gravity data sets in Estonia

Ellmann, Artu; All, Tarmo; Oja, Tõnis Estonian journal of earth sciences 2009 / 4, p. 229-245 : ill https://artiklid.elnet.ee/record=b1943921*est

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]

Water-level changes and palaeogeography of the Baltic Sea and displacement of Stone Age human occupations in Pärnu area, southwest Estonia

Rosentau, Alar; **Veski, Siim;** Kriiska, Aivar; Hang, Tiit; **Vassiljev, Jüri; Saarse, Leili;** Aunap, Raivo; **Heinsalu, Atko; Oja, Tõnis** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 195