

Abrupt changes in wave climate of regional seas caused by large-scale atmospheric forcing and teleconnections
Kudryavtseva, Nadezhda Geophysical research abstracts 2020 / EGU2020-22430 <https://doi.org/10.5194/egusphere-egu2020-22430>

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Pelinovsky, Efim; Didenkulova, Irina; Didenkulov, Oleg; Rodin, Artem Geophysical research abstracts 2016 / p. EGU2016-7153

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

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Determining the ice seasons severity during 1982-2015 using the ice extents sum as a new characteristic
Rjazin, Jevgeni; Pärn, Ove Geophysical research abstracts 2016 / p. EGU2016-3020

Deterministic and stochastic modifications of the Stokes formula
Ellmann, Artu Geophysical research abstracts 2009 / p. EGU2009-9274-1 [CD-ROM]
<https://meetingorganizer.copernicus.org/EGU2009/EGU2009-9274-1.pdf>

Dispersive effects during long wave runup on a beach
Didenkulova, Irina; Abdalazeez, Ahmed; Dutykh, Denys Geophysical research abstracts 2019 / p. EGU2019-16378
<https://meetingorganizer.copernicus.org/EGU2019/EGU2019-16378.pdf>

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Delpeche-Ellmann, Nicole Camille; Mingelaite, Toma; Soomere, Tarmo Geophysical research abstracts 2017 / p. EGU2017-18648 <https://meetingorganizer.copernicus.org/EGU2017/EGU2017-18648.pdf>

Examining the role of bottom topography on coastal upwelling jets using a synergy of in-situ, satellite and model data in the Gulf of Finland, Baltic Sea
Delpeche-Ellmann, Nicole Camille; Döös, Kristofer; Viikmäe, Bert; Soomere, Tarmo Geophysical research abstracts 2018 / p. EGU2018-15364 <https://meetingorganizer.copernicus.org/EGU2018/EGU2018-15364.pdf>

Experimental study of wave impact on the nearshore structures during extreme coastal floods
Sriram, Venkatachalam; Didenkulova, Irina; Pelinovsky, Efim; Rodin, Artem Geophysical research abstracts 2016 / p. EGU2016-4240

Fossilisation by Mg-calcite: mineralized microbes in methane-derived carbonates from the Vestnesa Ridge, off western Svalbard
Himmler, Tobias; Wirth, Richard; Martma, Tõnu; Bohrmann, Gerhard; Bünz, Stefan; Knies, Jochen; Lepland, Aivo Geophysical research abstracts 2018 / p. EGU2018-14291 <https://meetingorganizer.copernicus.org/EGU2018/EGU2018-14291.pdf>

Geodetic SAR for height system unification and sea level research in the Baltics
Gruber, Thomas; Agren, Jonas; Angermann, Dettlef; 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>

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Laboratory study of peculiarities of the freak-wave generation
Rodin, Artem; Tyugin, Dmitry; Kurkin, Andrey; Kurkina, Oxana; Didenkulova, Irina Geophysical research abstracts 2017 / p.

Lagrangian timescales in the gulf of Finland

Viikmäe, Bert; Torsvik, Tomas Geophysical research abstracts 2017 / p. EGU2017-3854
<http://meetingorganizer.copernicus.org/EGU2017/EGU2017-3854.pdf>

Lower-crystal earthquakes reflect magma movements beneath the north Iceland rift near Askja

Soosalu, Heidi Elisabet; White, R.S.; Key, A.J.; Knox, C.; Einarsson, Pall; Jakobsdottir, Steinunn S. Geophysical research abstracts 2008 / p. 07323 <https://meetings.copernicus.org/www.cosis.net/abstracts/EGU2008/07323/EGU2008-A-07323.pdf>

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Molecular components of dissolved organic matter distinguished by optical properties and HPLC in the sediments of Lake Tõugjärv, Southern Estonia

Lepane, Viia; Makarõtsëva, Natalja; Alliksaar, Tiiu Geophysical research abstracts 2009 / p. 12450
<https://meetingorganizer.copernicus.org/EGU2009/EGU2009-12450.pdf>

Multi-epoch re-measurements of the EUREF densification network in Estonia

Metsar, Jaanus; Kollo, Karin; **Ellmann, Artu**; Pihlak, Priit; Rüdja, Andres Geophysical research abstracts 2019 / p. EGU2019-16401
<https://meetingorganizer.copernicus.org/EGU2019/EGU2019-16401.pdf>

Nonlinear deformation and run-up of elongated solitary waves: numerical simulations and analytical predictions

Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys Geophysical research abstracts 2019 / p. EGU2019-10473
<https://meetingorganizer.copernicus.org/EGU2019/EGU2019-10473.pdf>

Numerical simulation of unidirectional irregular nonlinear waves in the basin of intermediate depth

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https://www.researchgate.net/publication/252195364_Performance_of_the_Earth_Gravitational_Model_EGM08_over_the_Baltic_countries

Quantitative land-cover change in space and time over the last 11 000 years in the Baltic Sea catchment area and Norway - implications for studies on vegetation-climate interactions and land-use as a forcing of climate change

Trondman, Anna-Kari; Gaillard, Marie-Jose; Nielsen, Anne Birgitte; **Veski, Siim** Geophysical research abstracts 2016 / p. EGU2016-6169 <http://meetingorganizer.copernicus.org/EGU2016/EGU2016-6169.pdf>

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Karu, Veiko; Nurme, Martin; Valgma, Ingo Geophysical research abstracts 2015 / p. EGU2015-849

Reflectionless wave dynamics in channels of variable depth and width

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Runup of nonlinear deformed waves on a beach [Electronic resource]

Didenkulova, Irina; Kurkin, Andrey; Pelinovsky, Efim; **Soomere, Tarmo**; Zahibo, Narcisse Geophysical research abstracts 2006 / Proc. European Geosciences Union (EGU) General Assamblee : Vienna, 4-8 April 2006, Paper 01453 [1] p. [CD-ROM]
https://www.researchgate.net/publication/277047102_Runup_of_nonlinear_deformed_waves_on_a_beach

Sandy coast cross-shore profile changes in a high wave energy environment, Palanga, Baltic Sea

Kelpšaitė-Rimkienė, Loreta; Kondrat, Vitalijus; **Parnell, Kevin Ellis** Geophysical research abstracts 2019 / p. EGU2019-10345
<https://meetingorganizer.copernicus.org/EGU2019/EGU2019-10345.pdf>

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Monei, Nthathi Lilian; Veetil, Sanoop Kumar Puthiya; Hitch, Michael William; Gao, Jeffrey Geophysical research abstracts 2020 / EGU2020-16117, 1 p <https://doi.org/10.5194/egusphere-egu2020-16117>

Shallow water rogue wave formation in inhomogeneous channels

Pelinovsky, Efim; **Didenkulova, Irina** Geophysical research abstracts 2016 / EGU2016-1219

Spatial variation of statistical properties of extreme water levels along the eastern Baltic Sea

Pindsoo, Katri; Soomere, Tarmo; Rocha, Eugenio Geophysical research abstracts 2016 / p. EGU2016-9679

A spectral modelling of the gravitational contribution of the far-zone topography

Tenzer, Robert; Abdalla, Ahmed; Novak, Pavel; Vajda, Peter; **Ellmann, Artu** Geophysical research abstracts 2011 / p. EGU2011-9674

Spectroscopic analysis of chromatographically separated molecular fractions of sedimentary dissolved organic matter

Lepane, Viia; Hinnov, Mariann; Tõnno, Ilmar; **Alliksaar, Tiiu** Geophysical research abstracts 2008 / [2] p

Statistics for long irregular wave run-up on a plane beach from direct numerical simulations

Didenkulova, Irina; Senichev, Dmitry; Dutykh, Denys Geophysical research abstracts 2017 / p. EGU2017-19133

Svalbard ice cores studies threatened by rapid climate warming

Isaksson, Elisabeth; Divine, Dmitry V.; Gallet, Jean-Charles; Kohler, Jack; **Martma, Tõnu** Geophysical research abstracts 2019 / p. EGU2019-7727 <https://meetingorganizer.copernicus.org/EGU2019/EGU2019-7727.pdf>

The effects of wind and waves on in-situ surface drift in the Baltic Sea [Online resource]

Delpeche-Ellmann, Nicole Camille; Giudici, Andrea; Soomere, Tarmo Geophysical research abstracts 2020 / p. EGU2020-11496 <https://doi.org/10.5194/egusphere-egu2020-11496>

The n-alkane composition of the Late-glacial lake sediments from eastern Baltic correlates with paleoclimatic episodes

Amon, Leeli; Veski, Siim; Liiv, Merlin; Alliksaar, Tiiu; Vassiljev, Jüri; Sachse, Dirk Geophysical Research Abstracts 2018 / p. EGU2018-16115-1 <https://meetingorganizer.copernicus.org/EGU2018/EGU2018-16115-1.pdf>
<http://adsabs.harvard.edu/abs/2018EGUGA..2016115A>

Trends in the components of extreme water levels signal a rotation of winds in strong storms in the eastern Baltic Sea

Pindsoo, Katri; Soomere, Tarmo Geophysical research abstracts 2016 / p. EGU2016-9378

Unusual wave conditions in the northern Baltic Sea during windstorm Gudrun in January 2005 [Electronic resource]

Soomere, Tarmo; Behrens, A.; Tuomi, Laura; Nielsen, J.W. Geophysical research abstracts 2006 / Proc. European Geosciences Union (EGU) General Assamblee : Vienna, 4-8 April 2006, Paper 02851 [3] p. [CD-ROM]

Updated tide gauge records for specifying mean sea level estimates along the Estonian coast

Kollo, Karin; **Ellmann, Artu; Kõuts, Tarmo; Vahter, Kaimo** Geophysical research abstracts 2019 / p. EGU2019-15931
<https://meetingorganizer.copernicus.org/EGU2019/EGU2019-15931.pdf>

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

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Validation of multi-mission satellite altimetry for the Baltic Sea region

Kudryavtseva, Nadezhda; Soomere, Tarmo; Giudici, Andrea Geophysical research abstracts 2016 / p. EGU2016-5571

Variations in the wave climate of the Baltic Sea in the last 25 years from satellite altimetry

Kudryavtseva, Nadezhda; Soomere, Tarmo Geophysical research abstracts 2016 / p. EGU2016-5589

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