

A matched filter technique for slow radio transient detection and first demonstration with the Murchison Widefield Array

Feng, L.; Vaulin, R.; Hewitt, J. N.; Remillard, R.; Kudryavtseva, Nadezhda The astronomical journal 2017 / art. 98

<https://doi.org/10.3847/1538-3881/153/3/98>

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>

Application of empirical orthogonal functions reveals multiple modes of variations in the Baltic Sea wave climate

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book, 12-15 June 2018, Klaipėda, Lithuania 2018 / p. 50

http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Application of non-stationary extreme value modeling to account for trends in extreme water level changes along the Baltic Sea Coast

Kudryavtseva, Nadezhda; Pindsoo, Katri; Soomere, Tarmo The 15th International Coastal Symposium 2018 Haeundae, Busan, Republic of Korea 13th – 18th May 2018 : book of abstracts 2018 / p. 38

Baltic Sea wave climate variability and its connection with climatic indices deduced from Empirical Orthogonal Functions

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo Abstracts : [BSSC 2019] 2019 / p. 125

https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Baltic Sea wave climate via empirical orthogonal function analysis [Online resource]

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 40 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No_14_Tallinn2018.pdf

Changes in the wave climate and severity of storms in the Baltic Sea in 1991-2015 from satellite altimetry

Kudryavtseva, Nadezhda; Soomere, Tarmo 1st Baltic Earth Conference Multiple Drivers for Earth System Changes in the Baltic Sea Region : Nida, Curonian Spit, Lithuania, 13-17 June 2016 : conference proceedings 2016 / p. 80-81 : ill http://www.baltic-earth.eu/events/nida2016/material/BalticEarth_Nida2016_Proceedings.pdf

Coastal flooding : Joint probability of extreme water levels and waves along the Baltic Sea coast

Kudryavtseva, Nadezhda; Räämet, Andrus; Soomere, Tarmo 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 70-71 : ill "proceedings"

Coastal flooding: Joint probability of extreme water levels and waves along the Baltic Sea coast

Kudryavtseva, Nadezhda; Räämet, Andrus; Soomere, Tarmo Journal of coastal research 2020 / p. 1146-1151

<https://doi.org/10.2112/SI95-222.1> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Contribution of atmospheric teleconnections in regional wave climate variability based on EOF application : Baltic Sea case

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo American Geophysical Union, Fall Meeting 2020 2020 / abstract <https://ui.adsabs.harvard.edu/#abs/2020AGUFMOS0470002N/abstract>

Differences in stationary and nonstationary analysis of water level extremes in Latvian waters, Baltic Sea, during 1961-2018

Männikus, Rain; Kudryavtseva, Nadezhda; Soomere, Tarmo 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p.74-75 : ill "proceedings"

Effect of ice cover on wave statistics and wave-driven processes in the northern Baltic Sea

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo; Giudici, Andrea Boreal environment research 2022 / p. 97-116 : ill <https://www.borenav.net/BER/archive/pdfs/ber27/ber27-097-116.pdf> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effects of large-scale atmospheric circulation on the Baltic Sea wave climate : application of the EOF method on multi-mission satellite altimetry data

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo Climate dynamics 2021 / p. 3465-3478 : ill

<https://doi.org/10.1007/s00382-021-05874-x> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effects of the sampling bias on retrieved modes of wave climate variations from satellite altimetry : Baltic Sea case study

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo 2019 European Space Agency Living Planet Symposium 2019 / [1] p <https://lps19.esa.int>

Estimating the wave statistics bias in the partially ice-covered regions of the Baltic Sea

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Giudici, Andrea; Soomere, Tarmo 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / P. 181-182 : ill [Proceeding](#)

High-energy sources at low radio frequency : the Murchison Widefield Array view of Fermi blazars

Giroletti, M.; Massaro, F.; D'Abrusco, R.; **Kudryavtseva, Nadezhda** Astronomy and astrophysics 2016 / p. 1-9 : ill <http://dx.doi.org/10.1051/0004-6361/201527817>

Identification of mechanisms that drive water level extremes from in situ measurements in the Gulf of Riga during 1961-2017

Männikus, Rain; Soomere, Tarmo; Kudryavtseva, Nadezhda Continental shelf research 2019 / p. 22-36 <https://doi.org/10.1016/j.csr.2019.05.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Low altitude solar magnetic reconnection, type III solar radio bursts, and X-ray emissions

Cairns, I.H.; Lobzin, V.V.; Donea, A.; **Kudryavtseva, Nadezhda** Scientific reports 2018 / art. 1676, p. 1-12 : ill <https://doi.org/10.1038/s41598-018-19195-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling non-stationary loads induced by changing climate : [plenary lecture]

Kudryavtseva, Nadezhda 33rd Nordic Seminar on Computational Mechanics, Jönköping 25-26 November 2021 / 1 p <https://congress.cimne.com/NSCM-33/Admin/Files/FileAbstract/a41.pdf>

Modification of closure depths by synchronisation of severe seas and high water levels

Soomere, Tarmo; Männikus, Rain; Pindsoo, Katri; Kudryavtseva, Nadezhda; Eelsalu, Maris Geo-marine letters 2017 / p. 35-46 : ill <https://doi.org/10.1007/s00367-016-0471-5>

Multi-mission satellite altimetry shows changes in extreme wave heights over the Baltic Sea and their connection to the NAO and AO climatic indice

Kudryavtseva, Nadezhda; Soomere, Tarmo 2019 European Space Agency Living Planet Symposium 2019 / [1] p <https://lps19.esa.int/NikalWebsitePortal/living-planet-symposium-2019/lps19/Speaker>

Non-stationarity of sea level extremes caused by abrupt changes in atmospheric circulation in the Gulf of Riga (Baltic Sea)

Kudryavtseva, Nadezhda; Soomere, Tarmo; Männikus, Rain American Geophysical Union, Fall Meeting 2020 2020 / abstract <https://ui.adsabs.harvard.edu/abs/2020AGUFMNH0380003K/abstract>

Non-stationary analysis of water level extremes in Latvian waters, Baltic Sea, during 1961-2018

Kudryavtseva, Nadezhda; Soomere, Tarmo; Männikus, Rain Natural Hazards and Earth System Sciences 2021 / p. 1279-1296 : ill <https://doi.org/10.5194/nhess-21-1279-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Non-Stationary extreme value modeling of trends in extreme water levels in the Gulf of Finland

Kudryavtseva, Nadezhda; Pindsoo, Katri; Soomere, Tarmo From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 26

Nonstationary modeling of extremes in water levels along the Baltic Sea coast [Online resource]

Kudryavtseva, Nadezhda; Pindsoo, Katri; Soomere, Tarmo 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 92-93 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Non-stationary modeling of trends in extreme water level changes along the Baltic Sea coast

Kudryavtseva, Nadezhda; Pindsoo, Katri; Soomere, Tarmo Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 586-590 <https://doi.org/10.2112/SI85-118.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Non-stationary modeling reveals strong connection between extreme water level changes and NAO along the Baltic Sea coast

Kudryavtseva, Nadezhda; Soomere, Tarmo Abstracts : [BSSC 2019] 2019 / p. 111 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

On the water level measurements in the Gulf of Riga during 1961-2016 [Online resource]

Männikus, Rain; Soomere, Tarmo; Kudryavtseva, Nadezhda 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 130-131 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Satellite altimetry reveals spatial patterns of variations in the Baltic Sea wave climate

Kudryavtseva, Nadezhda; Soomere, Tarmo Earth System Dynamics 2017 / p. 697-706 : ill <http://doi.org/10.5194/esd-2016-68>

Satellite altimetry shows changes in extreme wave heights over the Baltic Sea

Kudryavtseva, Nadezhda; Soomere, Tarmo The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 89 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Spatial variations in the Caspian Sea wave climate in 2002–2013 from satellite altimetry

Kudryavtseva, Nadezhda; Kussembayeva, Kuanysh; Rakisheva, Zaure Bayanovna; Soomere, Tarmo Estonian journal of earth sciences 2019 / p. 225-240 : ill <https://doi.org/10.3176/earth.2019.16>
http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2019/issue_4/earth-2019-4-225-240.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Studying the change of average waves of the Caspian Sea using the altimetry data

Rakisheva, Zaure Bayanovna; Kudryavtseva, Nadezhda; Kussembayeva, Kuanysh; Sakhayeva, Aigerim Journal of mathematics, mechanics and computer science 2019 / p. 59-75 : ill <https://doi.org/10.26577/JMMCS-2019-1-618>

Superelevations of water level in the Gulf of Riga [Online resource]

Männikus, Rain; Soomere, Tarmo; Kudryavtseva, Nadezhda Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 38 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

A synergy approach for the validation of coastal altimetry data in the Baltic Sea

Delpeche-Ellmann, Nicole Camille; Pindsoo, Katri; Kudryavtseva, Nadezhda; Soomere, Tarmo 10th Coastal Altimetry workshop, 21-24 February 2017, Florence, Italy : abstracts 2017 / p. 37 <http://old.esaconferencebureau.com/docs/default-source/17c07-img/abstract-book.pdf?sfvrsn=0>

The importance of wide-field foreground removal for 21 cm cosmology : a demonstration with early MWA epoch of reionization observations

Pober, J. C.; Hazelton, B. J.; Beardsley, A. P.; Kudryavtseva, Nadezhda The astrophysical journal 2016 / art. 8, p. 1-13
<http://doi.org/10.3847/0004-637X/819/1/8>

The role of nearshore slope on cross-shore surface transport during a coastal upwelling event in Gulf of Finland, Baltic Sea

Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo; Kudryavtseva, Nadezhda Estuarine, coastal and shelf science 2018 / p. 123-135 : ill <https://doi.org/10.1016/j.ecss.2018.03.018> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Transfer of techniques developed for the Baltic Sea to the Caspian Sea region : Decadal wave climate variability of the Caspian Sea from satellite altimetry

Kussembayeva, Kuanysh; Kudryavtseva, Nadezhda; Soomere, Tarmo 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book, 12-15 June 2018, Klaipėda, Lithuania 2018 / p. 41
http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

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

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

Validation of the multi-mission altimeter wave height data for the Baltic Sea region

Kudryavtseva, Nadezhda; Soomere, Tarmo Estonian journal of earth sciences 2016 / p. 161-175 : ill
<http://dx.doi.org/10.3176/earth.2016.13>

Validation of the new Sentinel-3 satellite altimetry data in the Baltic Sea basin

Kudryavtseva, Nadezhda; Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 311 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Variability of distributions of wave set-up heights along a shoreline with complicated geometry

Soomere, Tarmo; Pindsoo, Katri; Kudryavtseva, Nadezhda; Eelsalu, Maris Ocean science 2020 / p. 1047-1065
<https://doi.org/10.5194/os-16-1047-2020> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Высота волн в западной части Балтийского моря увеличивается на 5 мм в год

Kudryavtseva, Nadezhda rus.delfi.ee 2021 [Высота волн в западной части Балтийского моря увеличивается на 5 мм в год](#)

Сегодня в Эстонии можно будет наблюдать солнечное затмение

Kudryavtseva, Nadezhda rus.postimees.ee 2021 [Сегодня в Эстонии можно будет наблюдать солнечное затмение](#)

Сегодня в Эстонии можно было наблюдать солнечное затмение

Kudryavtseva, Nadezhda rus.delfi.ee 2021 [ФОТО | Сегодня в Эстонии можно было наблюдать солнечное затмение](#)