

Abstract on the dynamics of the river bulge using satellite imagery and numerical model, case study of Daugava river bulge

Soosaar, Edith; Uiboupin, Rivo; Skudra, Maris; Maljutenko, Ilja; Raudsepp, Urmas 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 61 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Extreme inundation statistics on a composite beach

Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys; Labart, Celine Water 2020 / art. 1573, 13 p. : ill <https://doi.org/10.3390/w12061573> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Improving ground heat transfer simulations in cold climates through field-validated boundary conditions

Lomp, Siim; Hallik, Jaanus; Kalamees, Targo International journal of heat and mass transfer 2026 / art. 127864 <https://doi.org/10.1016/j.ijheatmasstransfer.2025.127864> [https://authors.elsevier.com/sd/article/S0017-9310\(25\)01199-8](https://authors.elsevier.com/sd/article/S0017-9310(25)01199-8)

Late Pleistocene and Holocene groundwater flow history in the Baltic Artesian Basin : a synthesis of numerical models and hydrogeochemical data

Vaikmäe, Rein; Pärn, Joonas; Raidla, Valle; **Ivask, Jüri; Kaup, Enn; Martma, Tõnu** Estonian journal of earth sciences 2021 / p. 152-164 : ill <https://doi.org/10.3176/earth.2021.11> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Long-term mean, interannual and seasonal circulation in the Gulf of Finland - The wide salt wedge estuary or gulf type ROFI

Maljutenko, Ilja; Raudsepp, Urmas Journal of marine systems 2019 / p. 1-19 : ill <https://doi.org/10.1016/j.jmarsys.2019.03.004> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Numerical analysis of air-water stratified flow in pipe with branch junctions

Laanearu, Janek Proceedings of the 40th IAHR World Congress (Vienna, 2023) 2023 / p. 3196 - 3204 https://doi.org/10.3850/978-90-833476-1-5_jahr40wc-p0353-cd

Numerical analysis of the influence of deep energy level traps in SiC Schottky structures

Koel, Ants; Rang, Toomas; Rang, Galina High performance structure and materials. VI 2012 / p. 439-448 : ill

An open 3D CFD model for the investigation of flow environments experienced by freshwater fish

Khan, Ali Hassan; Hussmann, Karla Ruiz; Powalla, Dennis; Hoerner, Stefan; **Kruusmaa, Maarja; Tuhtan, Jeffrey Andrew** Ecological Informatics 2022 / art. 101652, 12 p. : ill <https://doi.org/10.1016/j.ecoinf.2022.101652> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Projected changes of the significant wave height in the Baltic Sea by the end of the 21th century

Alari, Victor; Rästas, Henri; Raudsepp, Urmas 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 58 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

The impact of the last glaciation on groundwater flow in Estonia - a numerical study [Online resource]

Sterckx, Arnaud; Lemieux, Jean-Michel; **Vaikmäe, Rein** 43rd IAH Congress : Groundwater and Society : 60 years of IAH : September 25-29th 2016, Montpellier, France 2016 / p. [144], abstract no 1566 https://www.cfh-aiih.fr/images/DOCS/2-Colloques/Colloque_2016_Montpellier/Site_web/IAH2016_AbstractBOOK.pdf

Transient 3D simulation of 18O concentration by codes MODFLOW2005 and MT3DMS in a regionalscale aquifer system : an example from the Estonian Artesian Basin

Vallner, Leo; Ivask, Jüri; Marandi, Andres; **Vaikmäe, Rein;** Raidla, Valle; **Raukas, Anto** Estonian journal of earth sciences 2020 / p. 154-174 : ill <https://doi.org/10.3176/earth.2020.11> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Variability of bottom friction velocity along the inflow water pathway in the Baltic Sea

Zhubas, Victor; Väli, Germo; Golenko, Nikolay; Paka, Vadim Journal of marine systems 2018 / p. 50-58 : ill <https://doi.org/10.1016/j.jmarsys.2018.04.008> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Waves on a string of a monochord equipped with a rigid obstacle

Kartofelev, Dmitri Waves 2024 : book of abstracts 2024 / p. 253-254 <https://doi.org/10.17617/3.MBE4AA>