

An investigation of anticyclonic circulation in the southern Gulf of Riga during the spring period

Soosaar, Edith; Maljutenko, Ilja; Raudsepp, Urmas; Elken, Jüri Continental shelf research 2014 / p. 75-84 : ill

<https://doi.org/10.1016/j.csr.2014.02.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of paleo-recharge under the Fennoscandian Ice Sheet and its impact on regional groundwater flow in the northern Baltic Artesian Basin using numerical model

Sterckx, Arnaud; Lemieux, Jean-Michel; **Vaikmäe, Rein** Hydrogeology journal 2018 / p. 2793–2810 : ill [https://doi.org/10.1007/s10040-](https://doi.org/10.1007/s10040-018-1838-7)

[018-1838-7](https://doi.org/10.1007/s10040-018-1838-7) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Disentangling the impact of nutrient load and climate changes on Baltic Sea hypoxia and eutrophication since 1850

Meier, H.E. Markus; Eilola, Kari; Almroth-Rosell, Elin; **Väli, Germa** Climate dynamics 2019 / p. 1145–1166 : ill

<https://doi.org/10.1007/s00382-018-4296-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hairpin windings for electric vehicle motors : modeling and investigation of AC loss-mitigating approaches

Ghahfarokhi, Payam Shams; Podgornovs, Andrejs; Cardoso, Antonio J. Marques; **Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas** Machines 2022 / art. 1029 <https://doi.org/10.3390/machines10111029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hindcast of the mesoscale eddy field in the Southeastern Baltic Sea: Model output vs satellite imagery

Zhubas, Victor; **Väli, Germa;** Kostianoy, Andrey; Lavrova, Olga Russian journal of earth sciences 2019 / art. 46591, 17 p. : ill

<https://doi.org/10.2205/2019ES000672> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Internal solitary waves control offshore extension of mud depocenters on the NW Iberian shelf

Zhang, Wenyan; **Didenkulova, Irina;** Kurkina, Oxana Marine geology 2019 / p. 15-30 : ill <https://doi.org/10.1016/j.margeo.2018.12.008>

[Journal metrics at Scopus](https://doi.org/10.1016/j.margeo.2018.12.008) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long wave generation and coastal amplification due to propagating atmospheric pressure disturbances

Dogan, Gozde Guney; Pelinovsky, Efim; Zaytsev, Andrey; Metin, Ayse Duha; Ozyurt Tarakcioglu, Gulizar; Yalciner, Ahmet Cevdet;

Yalciner, Bora; **Didenkulova, Ira** Natural hazards 2021 / p. 1195-1221 : ill <https://doi.org/10.1007/s11069-021-04625-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical investigation of 3D rhombus designed PEMFC on the cell performance

Jabbary, Ali; Rostami Arnesab, Sadra; Samanipour, Hossein; **Ahmadi, Nima** International journal of green energy 2021 / 17 p. : ill

<https://doi.org/10.1080/15435075.2020.1865361> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phenomenological and numerical modelling of short fibre reinforced cementitious composites

Herrmann, Heiko; Eik, Marika; Berg, Viktoria; Puttonen, Jari Meccanica 2014 / p. 1985-2000 : ill [https://doi.org/10.1007/s11012-014-](https://doi.org/10.1007/s11012-014-0001-3)

[0001-3](https://doi.org/10.1007/s11012-014-0001-3) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recently accelerated oxygen consumption rates amplify deoxygenation in the Baltic Sea

Meier, H. E. Markus; **Väli, Germa;** Naumann, Michael; Eilola, Kari; Frauen, Claudia Journal of geophysical research : oceans 2018 /

p. 3227-3240 : ill <https://doi.org/10.1029/2017JC013686> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tsunami evolution and run-up in a large scale experimental facility

Sriram, Venkatachalam; **Didenkulova, Irina;** Sergeeva, Anna; Schimmels, Stefan Coastal engineering 2016 / p. 1-12 : ill

<https://doi.org/10.1016/j.coastaleng.2015.11.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wave energy extracting near Siri Island by using new energy converter type selection coefficient

Salimi, Fouad; **Barzandeh, Amirhossein;** Eshghi, Naghmeh International Journal of Energy and Water Resources 2025

<https://doi.org/10.1007/s42108-025-00354-y>

Wind-controlled transport of saltwater in the Southeastern Baltic Sea : a model study

Zhubas, Victor; **Väli, Germa** Frontiers in marine science 2022 / art. 835656 <https://doi.org/10.3389/fmars.2022.835656> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)