

Brief Communication : mapping river ice using drones and structure from motion

Alfredsen, Knut; Haas, Christian; **Tuhtan, Jeffrey Andrew**; Zinke, Peggy The cryosphere 2018 / p. 627-633 : ill <https://doi.org/10.5194/tc-12-627-2018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data assimilation of sea surface temperature and salinity using basin-scale reconstruction from empirical orthogonal functions : a feasibility study in the northeastern Baltic Sea

Zujev, Mihhail; Elken, Jüri; Lagemaa, Priidik Ocean science 2021 / p. 91–109 : ill <https://doi.org/10.5194/os-17-91-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

800-Year ice-core record of nitrogen deposition in Svalbard linked to ocean productivity and biogenic emissions

Wendl, Isabel A.; Eichler, Anja; Isaksson, Elisabeth; **Martma, Tõnu**; Schwikowski, Margit Atmospheric Chemistry and Physics 2015 / p. 7287 - 7300 <https://doi.org/10.5194/acp-15-7287-2015>

Elemental and water-insoluble organic carbon in Svalbard snow: a synthesis of observations during 2007–2018

Zdanowicz, Christian; Gallet, Jean-Charles; Björkman, Mats B.; Larose, Catherine; Schuler, Thomas V.; Luks, Bartłomiej; Koziol, Krystyna; Spolaor, Andrea; Barbaro, Elena; **Martma, Tõnu**; Wideqvist, Ulla; Ström, Johan Atmospheric chemistry and physics 2021 / p. 3035-3057 : ill <https://doi.org/10.5194/acp-21-3035-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Intercomparison and characterization of 23 Aethalometers under laboratory and ambient air conditions : procedures and unit-to-unit variabilities

Cuesta-Mosquera, Andrea; Močnik, Griša; Drinovec, Luka; Müller, Thomas; Cruz Minguillon, Maria; Briel, Björn; Buckley, Paul; Dudoitis, Vadimas; **Keernik, Hannes** Atmospheric measurement techniques 2021 / p. 3195-3216 <https://doi.org/10.5194/amt-14-3195-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Measurement report: Spatial variations in ionic chemistry and water-stable isotopes in the snowpack on glaciers across Svalbard during the 2015–2016 snow accumulation season

Barbaro, Elena; Koziol, Krystyna; Björkman, Mats B.; Vega, Carmen Paulina; Zdanowicz, Christian; **Martma, Tõnu** Atmospheric chemistry and physics 2021 / p. 3163-3180 <https://doi.org/10.5194/acp-21-3163-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model for leisure boat activities and emissions - implementation for the Baltic Sea

Johansson, Lasse; Ytreberg, Erik; Jalkanen, Jukka-Pekka; Fridell, Erik; Eriksson, K. Martin; Lagerström, Maria; **Maljutenko, Ilja**; **Raudsepp, Urmas**; Fischer, Vivian; Roth, Eva Ocean science 2020 / p. 1143-1163 <https://doi.org/10.5194/os-16-1143-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen surface water retention in the Baltic Sea drainage basin

Stalnacke, Per; Pengerud, Annelene; **Vassiljev, Anatoli** Hydrology and earth system sciences 2015 / p. 981-996 : ill <https://doi.org/10.5194/hess-19-981-2015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nonlinear deformation and run-up of single tsunami waves of positive polarity : numerical simulations and analytical predictions

Abdalazeez, Ahmed; **Didenkulova, Irina**; Dutykh, Denys Natural hazards and earth system sciences 2019 / p. 2905–2913 : ill <https://doi.org/10.5194/nhess-19-2905-2019> <https://nhess.copernicus.org/articles/19/2905/2019/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rotation of floating particles in submesoscale cyclonic and anticyclonic eddies : a model study for the southeastern Baltic Sea

Zhubas, Victor; **Väli, Germo**; Kuzmina, Natalia Ocean science 2019 / p. 1691-1705 <https://doi.org/10.5194/os-15-1691-2019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sea ice dynamics influence halogen deposition to Svalbard

Spolaor, Andrea; Gabrieli, Jacopo; **Martma, Tõnu**; Kohler, Jack; Björkman, Mats B.; Isaksson, Elisabeth; Varin, Cristiano; Vallelonga, Paul; Plane, John M. C.; Barbante, Carlo The cryosphere 2013 / p. 1645-1658 : ill <https://doi.org/10.5194/tc-7-1645-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Seasonality of halogen deposition in polar snow and ice

Spolaor, Andrea; Vallelonga, Paul; Gabrieli, Jacopo; **Martma, Tõnu**; Björkman, Mats P.; Isaksson, Elisabeth; Cozzi, Gabriele; Turetta, Clara; Kjær, H.A.; Curran, M.A.J. Atmospheric chemistry and physics 2014 / p. 9613-9622 : ill <https://doi.org/10.5194/acp-14-9613-2014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sodankylä ionospheric tomography data set 2003-2014

Norberg, Johannes; **Roininen, Lassi**; Kero, Antti; Raita, Tero; Ulich, Thomas; Markkanen, Markku; Juusola, Liisa; Kauristie, Kirsti Geoscientific Instrumentation, Methods and Data Systems 2016 / p. 263 - 270 <https://doi.org/10.5194/gi-5-263-2016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Subharmonic resonant excitation of edge waves by breaking surface waves

Abcha, Nizar; Zhang, Tonglei; Ezersky, Alexander; Pelinovsky, Efim; **Didenkulova, Irina** Nonlinear processes in geophysics 2017 / p. 157-165 : ill <https://doi.org/10.5194/npg-24-157-2017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Swell hindcast statistics for the Baltic Sea

Björkqvist, Jan-Victor; Pärt, Siim; Alari, Victor; Rikka, Sander Ocean Science 2021 / p. 1815–1829 <https://doi.org/10.5194/os-17-1815-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tectonic evolution and high-pressure rock exhumation in the Qiangtang terrane, central Tibet

Zhao, Zhongbao; Bons, Paul Dirk; Wang, Genhou; **Soesoo, Alvar**; Liu, Yan Solid Earth 2015 / p. 457 - 473 <https://doi.org/10.5194/se-6-457-2015>

The Reading Palaeofire Database : an expanded global resource to document changes in fire regimes from sedimentary charcoal records

Harrison, Sandy P.; Villegas-Diaz, Roberto; Cruz-Silva, Esmeralda; Gallagher, Daniel; Kesner, David; Lincoln, Paul; **Lisitsyna, Olga; Poska, Anneli; Stivriniš, Normunds; Vassiljev, Jüri** Earth system science data 2022 / p. 1109–1124 <https://doi.org/10.5194/essd-14-1109-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Variability of sea salts in ice and firn cores from Fimbul Ice Shelf, Dronning Maud Land, Antarctica

Vega, Carmen Paulina; Isaksson, Elisabeth; Schlosser, Elisabeth; Divine, Dmitry V.; **Martma, Tõnu** The Cryosphere 2018 / p. 1681-1697 : ill <https://doi.org/10.5194/tc-12-1681-2018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wave height return periods from combined measurement–model data: a Baltic Sea case study

Björkqvist, Jan-Victor; Rikka, Sander; Alari, Victor; Männik, Aarne; Tuomi, Laura; Pettersson, Heidi Natural hazards and earth system sciences 2020 / p. 3593–3609 <https://doi.org/10.5194/nhess-20-3593-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)