

Exponential distribution of wave-driven near-bed water speeds under short-crested waves: a case study in the eastern Gulf of Riga, the Baltic Sea

Eelsalu, Maris; Piho, Laura; Aigars, Juris; Kelpšaitė-Rimkienė, Loreta; Kondrat, Vitalijus; **Kruusmaa, Maarja; Parnell, Kevin Ellis; Ristolainen, Asko;** Šakurova, Ilona; Skudra, Māris; Viška, Maija; **Soomere, Tarmo** Proceedings of the Estonian Academy of Sciences 2025 / p. 23-42 : map, ill <https://doi.org/10.3176/proc.2025.1.03>

Feasibility study on distributed flow sensing with inertial sensors in aquaculture fish cages

Ristolainen, Asko; Piho, Laura; Kruusmaa, Maarja Aquacultural Engineering 2022 / art. 102271, 9 p. : ill <https://doi.org/10.1016/j.aquaeng.2022.102271> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hall effect sensor-based low-cost flow monitoring device : design and validation

Egerer, Margit; Ristolainen, Asko; Piho, Laura; Vihman, Lauri; Kruusmaa, Maarja IEEE sensors journal 2024 / 12 p. : ill <https://doi.org/10.1109/JSEN.2024.3354194>

Monitoring of coastal waves and velocities with a robotic platform

Piho, Laura; Egerer, Margit; Gkliva, Roza; Kruusmaa, Maarja; Ristolainen, Asko OCEANS 2024 - Halifax : proceedings 2024 / 5 p <https://doi.org/10.1109/OCEANS55160.2024.10754335>

Research: New method maps meltwater flows inside glaciers

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ROBOMINERS resilient reflectance/fluorescence spectrometers

Burlet, Christian; Stasi, Giorgia; **Godon, Simon Pierre; Gkliva, Roza; Piho, Laura; Ristolainen, Asko** EGU General Assembly 2023, Vienna, Austria, 24–28 Apr 2023 2023 / EGU-12056 <https://doi.org/10.5194/egusphere-egu23-12056>

Subsurface flow path modeling from inertial measurement unit sensor data using infinite hidden Markov models

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Topology and spatial-pressure-distribution reconstruction of an englacial channel

Piho, Laura; Alexander, Andreas; **Kruusmaa, Maarja** The cryosphere 2022 / p. 3669–3683 <https://doi.org/10.5194/tc-16-3669-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)