

Finite-time compressibility as an agent of frequent spontaneous patch formation in the surface layer: A case study for the Gulf of Finland, the Baltic Sea

Giudici, Andrea; Soomere, Tarmo Marine pollution bulletin 2014 / p. 239-249 : ill <https://doi.org/10.1016/j.marpolbul.2014.09.053>
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Impact of horizontal eddy-diffusivity on Lagrangian statistics for coastal pollution from a major marine fairway

Viikmäe, Bert; Torsvik, Tomas; Soomere, Tarmo Ocean dynamics 2013 / p. 589-597 : ill <https://doi.org/10.1007/s10236-013-0615-3>
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Investigating the marine protected areas most at risk of current-driven pollution in the Gulf of Finland, the Baltic Sea, using a Lagrangian transport model

Delpeche, Nicole; Soomere, Tarmo Marine pollution bulletin 2013 / p. 121-129 : ill <https://doi.org/10.1016/j.marpolbul.2012.11.025>
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Measuring finite time compressibility from large simulated datasets : towards identification of areas of spontaneous patch formation in the Gulf of Finland

Giudici, Andrea; Soomere, Tarmo Databases and Information Systems : proceedings of the 11th International Baltic Conference, Baltic DB&IS 2014 : Tallinn, Estonia, 8-11 June, 2014 2014 / p. 441-446 : ill

On the finite-time compressibility of the surface currents in the Gulf of Finland, the Baltic Sea

Kalda, Jaan; Soomere, Tarmo; Giudici, Andrea Journal of marine systems 2014 / p. 56-65 : ill
<https://doi.org/10.1016/j.jmarsys.2012.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Temporal scales for nearshore hits of current-driven pollution in the Gulf of Finland

Viikmäe, Bert 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 187-190

Temporal scales for nearshore hits of current-driven pollution in the Gulf of Finland

Viikmäe, Bert; Soomere, Tarmo Marine pollution bulletin 2016 / p. 77-86 : ill <https://doi.org/10.1016/j.marpolbul.2016.03.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tracks of surface drifters from a major fairway to marine protected areas in the Gulf of Finland

Delpeche-Ellmann, Nicole Camille; Torsvik, Tomas; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2015 / p. 226-233 : ill https://artiklid.elnet.ee/record=b2740528*est <https://doi.org/10.3176/proc.2015.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Upscaling of toluene oxidation using water-sprinkled pulsed corona discharge and photocatalysis

Teittinen, Daniel Anselm; Preis, Sergei; Bolobajev, Juri Processes 2025 / art. 2982 <https://doi.org/10.3390/pr13092982>

Using Lagrangian models to assist in maritime management of Coastal and Marine Protected Areas

Delpeche, Nicole; Soomere, Tarmo Journal of coastal research 2013 / p. 36-41 : ill <https://doi.org/10.2112/SI65-007> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Verification of modelled locations of coastal areas exposed to current-driven pollution in the Gulf of Finland by using surface drifters

Viikmäe, Bert; Torsvik, Tomas; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2015 / p. 405-416 : ill
https://artiklid.elnet.ee/record=b2740578*est <https://doi.org/10.3176/proc.2015.3S.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)