

### **Analysing Lagrangian timescales in the Gulf of Finland**

**Viikmäe, Bert**; Torsvik, Tomas The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 46 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

### **An assessment and quantification of sea surface currents using satellite altimetry, in-situ and hydrodynamic model data for the Gulf of Finland, Baltic Sea**

**Delpeche-Ellmann, Nicole Camille**; **Viikmäe, Bert**; **Pindsoo, Katri**; **Soomere, Tarmo** 2019 European Space Agency Living Planet Symposium 2019 / [1] p <https://lps19.esa.int/NikaWebsitePortal/living-planet-symposium-2019/lps19/Speaker>

### **Estonian speech-driven PC-interface for disabled persons**

**Võhandu, Leo**; **Alumäe, Tanel**; **Viikmäe, Bert**; **Sirts, Kairit** The Second Baltic Conference on Human Language Technologies : April 4-5, 2005, Tallinn, Estonia : proceedings 2005 / p. 359-364 : ill [https://artiklid.elnet.ee/record=b1018500\\*est](https://artiklid.elnet.ee/record=b1018500*est)

### **Examining the role of bottom topography on coastal upwelling jets using a synergy of in-situ, satellite and model data in the Gulf of Finland, Baltic Sea**

**Delpeche-Ellmann, Nicole Camille**; **Döös, Kristofer**; **Viikmäe, Bert**; **Soomere, Tarmo** Geophysical research abstracts 2018 / p. EGU2018-15364 <https://meetingorganizer.copernicus.org/EGU2018/EGU2018-15364.pdf>

### **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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Investigation of surface currents near Cape Kolka in the Gulf of Riga by use of surface drifters**

**Torsvik, Tomas**; **Viikmäe, Bert** 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. 153 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

### **Lagrangian timescales in the gulf of Finland**

**Viikmäe, Bert**; **Torsvik, Tomas** 9th International Workshop on Modeling the Ocean (IWMO) : July 3-6, 2017, Yonsei University (Seoul, Korea) : [abstracts] 2017 / p. 30 [http://docs.wixstatic.com/ugd/c8ad40\\_d041d85a16674a4a83f0bfd22351cbf9.pdf](http://docs.wixstatic.com/ugd/c8ad40_d041d85a16674a4a83f0bfd22351cbf9.pdf)

### **Lagrangian timescales in the gulf of Finland**

**Viikmäe, Bert**; **Torsvik, Tomas** Geophysical research abstracts 2017 / p. EGU2017-3854 <http://meetingorganizer.copernicus.org/EGU2017/EGU2017-3854.pdf>

### **Modelling environmentally friendly fairways using Lagrangian trajectories : a case study for the Gulf of Finland, the Baltic Sea**

**Soomere, Tarmo**; **Berezovski, Mihhail**; **Quak, Ewald**; **Viikmäe, Bert** Ocean Dynamics 2012 / p. 1669-1680 : ill

### **On wave propagation in laminates with two substructures**

**Berezovski, Mihhail**; **Berezovski, Arkadi**; **Soomere, Tarmo**; **Viikmäe, Bert** Estonian journal of engineering 2010 / 3, lk. 228-242 : ill

### **Optimising fairways in the Gulf of Finland using patterns of surface currents = Laevateede optimeerimine Soome lahel pinnahoovuste mustrite põhjal**

**Viikmäe, Bert** 2014

### **Quantification and characterization of mesoscale eddies with different automatic identification algorithms**

**Viikmäe, Bert**; **Torsvik, Tomas** Journal of coastal research 2013 / p. 2077-2082 : ill <https://doi.org/10.2112/SI65-351> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Quantification of the impact of wind for optimising fairways in the Gulf of Finland**

**Viikmäe, Bert**; **Soomere, Tarmo**; **Torsvik, Tomas** 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. 151 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

### **Spatial pattern of current-driven hits to the nearshore from a major marine fairway in the Gulf of Finland**

**Viikmäe, Bert**; **Soomere, Tarmo** Journal of marine systems 2014 / p. 106-117 : ill <https://doi.org/10.1016/j.jmarsys.2013.06.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Temporal scale for nearshore of current-driven pollution in the Gulf of Finland**

**Viikmäe, Bert**; **Soomere, Tarmo**; **Torsvik, Tomas** 8th International Workshop on Modeling the Ocean (IWMO 2016) : Bologna, Italy, June 07-10, 2016 : book of abstracts 2016 / p. 23-25

### **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 /

**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](#)

**Temporal scales for transport patterns in the Gulf of Finland**

**Viikmäe, Bert; Soomere, Tarmo; Viidebaum, Mikk; Berezovski, Mihhail** Estonian journal of engineering 2010 / 3, p. 211-227 : ill

**The persistence of spatial patterns of beaching of current-driven pollution in a changing wind climate : a case study for the Gulf of Finland [Online resource]**

**Viikmäe, Bert; Soomere, Tarmo** Boreal environment research 2018 / p. 299–314 <http://www.borenv.net/BER/pdfs/ber23/ber23-299-314.pdf> [https://www.ester.ee/record=b1199571\\*est](https://www.ester.ee/record=b1199571*est)

**The use of high-resolution bathymetry for circulation modelling in the Gulf of Finland**

**Andrejev, Oleg; Sokolov, Alexander; Soomere, Tarmo; Värvi, Rolf; Viikmäe, Bert** Estonian journal of engineering 2010 / 3, p. 187-210 : ill [https://artiklid.elnet.ee/record=b2156229\\*est](https://artiklid.elnet.ee/record=b2156229*est)

**Towards identification of areas of reduced risk in the Gulf of Finland, the Baltic Sea**

**Soomere, Tarmo; Viikmäe, Bert; Delpeche, Nicole; Myrberg, Kai** Proceedings of the Estonian Academy of Sciences 2010 / 2, p. 156-165 : ill

**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://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](#)