

Clustering of floating particles due to submesoscale dynamics : a simulation study for the Gulf of Finland, Baltic Sea
Väli, Germo; Zhurbas, Victor; Laanemets, Jaan; Lips, Urmas Фундаментальная и прикладная гидрофизика 2018 / с. 21-35
<https://doi.org/10.7868/s2073667318020028> <http://hydrophysics.info/?p=3685> [Journal metrics at Scopus](#) [Article at Scopus](#)

Drifter-derived estimates of lateral eddy diffusivity in the World Ocean with emphasis on the Indian Ocean and problems of parameterisation

Zhurbas, Victor; Lyzhkov, Dmitry; Kuzmina, Natalia Deep-Sea Research. Part I: Oceanographic Research Papers 2014 / 11 p. : ill
<https://doi.org/10.1016/j.dsr.2013.09.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eddy formation behind a coastal cape in a flow generated by transient longshore wind (Numerical experiments)

Zhurbas, Victor; Kuzmina, N.P.; Lyzhkov, D.A. Oceanology 2017 / p. 350-359 : ill <https://doi.org/10.1134/S0001437017020229> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhanced turbulence driven by mesoscale motions and flow-topography interaction in the Denmark Strait Overflow plume

Schaffer, Janin; Kanzow, Torsten; **Zhurbas, Victor** Journal of geophysical research. Oceans 2016 / p. 7650-7672 : ill
<https://doi.org/10.1002/2016JC011653> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estimates of entrainment in the Denmark Strait overflow plume from CTD/LADCP data

Zhurbas, Victor; Paka, Vadim; Rudels, B.; Quadfasel, D. Oceanology 2016 / p. 205-213 : ill
<https://doi.org/10.1134/S0001437016020223> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estimates of the lateral eddy diffusivity in the Indian Ocean as derived from drifter data

Zhurbas, Victor; Lyzhkov, D.A.; Kuzmina, N.P. Oceanology 2014 / p. 281-288 : ill <https://doi.org/10.1134/S0001437014030163> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eulerian and Lagrangian submesoscale coherent structures on the sea surface driven by coastal upwelling: a case study for the Gulf of Finland

Väli, Germo; Zhurbas, Victor; Laanemets, Jaan; Lips, Urmas From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 43

Features of thermohaline structure and circulation in the Gulf of Riga = Termohaliinse struktuuri ja tsirkulatsiooni mustrid Liivi lahes

Skudra, Maris 2017 <https://digi.lib.ttu.ee/i/?7182> https://www.ester.ee/record=b4649794*est

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

Zhurbas, Victor; Väli, Germo; 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](#)

Mesoscale variability and river plume dynamics in the Gulf of Riga (a model study)

Lips, Urmas; Zhurbas, Victor; Skudra, Maris; Väli, Germo 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. 72 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Microstructure measurements and estimates of entrainment in the Denmark Strait overflow plume

Paka, Vadim T.; Zhurbas, Victor; Rudels, Bert; Quadfasel, Detlef R.; Korzh, Andrey O.; Delisi, Donald P. Ocean Science 2013 / p. 1003 - 1014 <https://doi.org/10.5194/os-9-1003-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modeling submesoscale processes in the gulf of finland - case scenario upwelling events in the summer 2006

Väli, Germo; Zhurbas, Victor; Laanemets, Jaan; Lips, Urmas; Elken, Jüri 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. 82
http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Numerical experiments on matter transport in the Baltic Sea = Aine transpordi numbrilised eksperimendid Läänemeres

Väli, Germo 2011 https://www.ester.ee/record=b2700064*est

A numerical study of circulation in the Gulf of Riga, Baltic Sea. Part I : Whole-basin gyres and mean currents

Lips, Urmas; Zhurbas, Victor; Skudra, Maris; Väli, Germo Continental shelf research 2016 / p. 1-13 : ill
<https://doi.org/10.1016/j.csr.2015.11.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A numerical study of circulation in the Gulf of Riga, Baltic Sea. Part II : Mesoscale features and freshwater transport pathways

Lips, Urmas; Zhurbas, Victor; Skudra, Maris; Väli, Germo Continental shelf research 2016 / p. 44-52 : ill
<https://doi.org/10.1016/j.csr.2015.12.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the possibility of convective overturning in the Ślupsk Furrow overflow of the Baltic Sea

Zhurbas, Victor; Elken, Jüri; Paka, Vadim; Piechura, Jan; Chubarenko, Irina; **Väli, Germo;** Golenko, Nikolay; Shchuka, Sergey
Oceanologia 2011 / p. 771-791 : ill <https://www.sciencedirect.com/science/article/pii/S0078323411500235>

Pathways of suspended particles released in the bottom boundary layer of the Bornholm Deep, Baltic Sea (numerical simulations)

Zhurbas, Victor; Elken, Jüri; Väli, Germo US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 171

Pathways of suspended particles transport in the bottom layer of the southern Baltic Sea depending on the wind forcing (numerical simulations)

Zhurbas, Victor; Elken, Jüri; Väli, Germo; Kuzmina, Natalia; Paka, Vadim Oceanology 2010 / p. 841-854

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

Zhurbas, 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](#)

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

Zhurbas, Victor; Väli, Germo; Kuzmina, Natalia 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 28-29 : ill ["proceedings"](#)

Seasonality of submesoscale coherent vortices in the Northern Baltic Proper : a model study

Väli, Germo; Zhurbas, Victor Фундаментальная и прикладная гидрофизика 2021 / p. 122-129

<https://doi.org/10.7868/S2073667321030114> [Journal metrics at Scopus](#) [Article at Scopus](#)

Simulation of mesoscale structure of a coastal upwelling event and related nutrient transport in the southern Gulf of Finland

Väli, Germo; Zhurbas, Victor; Elken, Jüri; Lips, Inga; Lips, Urmas; Laanemets, Jaan BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 42

Simulation of mesoscale structures and nutrient transport during summer upwelling events in the Gulf of Finland in 2006

Laanemets, Jaan; Väli, Germo; Zhurbas, Victor; Elken, Jüri; Lips, Inga; Lips, Urmas Boreal environment research 2011 / p. 15-26 : ill
https://www.researchgate.net/publication/244486520_Simulation_of_mesoscale_structures_and_nutrient_transport_during_summer_upwelling_events_in_the_Gulf_of_Finland_in_2006

Simulation of nutrient transport from different depths during an upwelling event in the Gulf of Finland

Väli, Germo; Zhurbas, Victor; Laanemets, Jaan; Elken, Jüri Oceanologia 2011 / p. 431-448 : ill

<https://www.sciencedirect.com/science/article/pii/S0078323411500491>

Striped texture of submesoscale fields in the northeastern Baltic Proper : results of very high-resolution modelling for summer season

Zhurbas, Victor; Väli, Germo; Kuzmina, Natalia Oceanologia 2022 / p. 1-21 : ill <https://doi.org/10.1016/j.oceano.2021.08.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Submesoscale structures related to upwelling events in the Gulf of Finland, Baltic Sea (numerical experiments)

Väli, Germo; Zhurbas, Victor; Lips, Urmas; Laanemets, Jaan Journal of marine systems 2017 / p. 31-42 : ill

<https://doi.org/10.1016/j.jmarsys.2016.06.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Variability of bottom friction velocity along the inflow water pathway in the Baltic Sea

Zhurbas, Victor; Väli, Germo; Golenko, Nikolay; Paka, Vadim Journal of marine systems 2018 / p. 50-58 : ill

<https://doi.org/10.1016/j.jmarsys.2018.04.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Zhurbas, Victor; Väli, Germo 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](#)

Оценки скорости вовлечения в гравитационном течении датского пролива по CTD-данным

Zhurbas, Victor; Paka, Vadim; Rudels, B.; Quadfasel, D. Океанология 2016 / с. 221-229 <https://doi.org/10.7868/S0030157416020234>