

Applicability of a bioelectronic cardiac monitoring system for the detection of biological effects of pollution in bioindicator species in the Gulf of Finland

Kholodkevich, Sergei; Kuznetsova, Tatiana; Sharov, Andrey; Kurakin, Anton; **Lips, Urmas**; **Kolesova, Natalja**; Lehtonen, Kari K. Journal of marine systems 2017 / p. 151-158 : ill <https://doi.org/10.1016/j.jmarsys.2016.12.005>

Assessing the eutrophication status of Estonian marine waters

Stoicescu, Stella-Theresa; **Lips, Urmas**; **Lips, Inga** Фундаментальная и прикладная гидрофизика 2018 / с. 62-74 <https://doi.org/10.7868/S2073667318020053> http://hydrophysics.info/wp-content/uploads/2018/06/Stoicescu_%D0%B0.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Assessment of eutrophication status based on sub-halocline oxygen conditions in the Gulf of Finland (Baltic Sea)

Stoicescu, Stella-Theresa; **Lips, Urmas**; **Liblik, Taavi** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 94 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea)

Stoicescu, Stella-Theresa; **Lips, Urmas**; **Liblik, Taavi** Frontiers in marine science 2019 / art. 54, 16 p. : ill <https://doi.org/10.3389/fmars.2019.00054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea) : [conference paper]

Stoicescu, Stella-Theresa; **Lips, Urmas**; **Liblik, Taavi** Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 44 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Autonoomsed allveeliugurid mereteadlaste kasutuses

Lips, Urmas Merevaated 2017 / lk. 94-100 : ill http://www.ester.ee/record=b4679147*est

BalticSeaNow.info : marine research = Mereteadus

Lips, Inga; **Lips, Urmas**; **Ojamäe, Karin**; **Laas, Peeter** 2013 https://www.ester.ee/record=b2927803*est

BONUS INTEGRAL : improved biogeochemical monitoring and greenhouse gas flux assessment for the Baltic Sea through high resolution trace gas data acquisition [Online resource]

Rehder, Gregor; Rutgersson, Anna; Laakso, Lauri; Kulinski, Karol; **Lips, Urmas** 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 59-60 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

A cascade of multi-scale processes shaping the signal dynamics and maintaining the energy transfer in stratified Baltic Sea basins

Lips, Urmas; **Liblik, Taavi**; **Lips, Inga**; **Rünk, Nelli**; **Kikas, Villu**; **Laanemets, Jaan**; **Väli, Germo** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 15 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Causes of the extensive hypoxia in the Gulf of Riga in 2018

Stoicescu, Stella-Theresa; **Laanemets, Jaan**; **Liblik, Taavi**; **Skudra, Maris**; **Samlas, Oliver**; **Lips, Inga**; **Lips, Urmas** Biogeosciences 2022 / p. 2903-2920 <https://doi.org/10.5194/bg-19-2903-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characteristics and inter-annual changes in temperature, salinity and density distribution in the Gulf of Riga

Skudra, Maris; **Lips, Urmas** Oceanologia 2017 / p. 37-48 : ill <https://doi.org/10.1016/j.oceano.2016.07.001>

Characteristics and variability of the vertical thermohaline structure in the Gulf of Finland in summer

Liblik, Taavi; **Lips, Urmas** Boreal environment research 2011 / p. 73-83 : ill

Characteristics of sub-surface chlorophyll maxima observed in the Gulf of Finland in July 2006

Kuvaldina, Natalja; **Lips, Urmas**; **Lips, Inga**; **Liblik, Taavi** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 29

Chlorophyll a and phytoplankton blooms

Kauppila, Pirkko; Eremina, Tatjana; Ershova, Alexandra; Maximov, Alexey; **Lips, Inga**; **Lips, Urmas** The Gulf of Finland assessment 2016 / p. 114-123 : ill <http://hdl.handle.net/10138/166296>

Climate in the Gulf of Finland area

Alenius, Pekka; Myrberg, Kai; Roiha, Petra; Tuomi, Laura; Pettersson, Heidi; **Lips, Urmas** The Gulf of Finland assessment 2016 / p. 28-40 : ill <http://hdl.handle.net/10138/166296>

Clustering of floating particles due to submesoscale dynamics : a simulation study for the Gulf of Finland, Baltic Sea Väli, Geromo; 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> [en Journal metrics at Scopus Article at Scopus](#)

Comparative studies of biological effects of surface water pollution on physiological state of molluscs : experience of caging studies in the Tallinn Bay

Kholodkevich, Sergei; Kuznetsova, Tatiana; **Lips, Urmas; Kolesova, Natalja**; Sharov, Andrey; Kurakin, Anton 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. 255 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Compatibility of targets under different marine policies - Sufficiency of the EU WFD targets for individual rivers basins to achieve the BSAP goals

Stoicescu, Stella-Theresa; Lips, Urmas 2021 [Compatibility of targets under different marine policies - Sufficiency of the EU WFD targets for individual rivers basins to achieve the BSAP goals](#)

Conditions that influence Good Environmental Status (GES) in the Baltic Sea

Kolesova, Natalja; Väli, Geromo; Lips, Urmas 2021 <https://helcom.fi/wp-content/uploads/2021/11/Conditions-that-influence-Good-Environmental-Status-GES-in-the-Baltic-Sea.pdf>

Continuing long-term expansion of low-oxygen conditions in the Eastern Gulf of Finland

Stoicescu, Stella-Theresa; Hoikkala, Laura; Fleming, Vivi; **Lips, Urmas** Oceanologia 2023 / p. 139-152 : ill., map
<https://doi.org/10.1016/j.oceano.2024.02.002>

Corrigendum: Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea) [Front. Mar. Sci., 6, (2019), (54)] doi: 10.3389/fmars.2019.00054

Stoicescu, Stella-Theresa; Lips, Urmas; Liblik, Taavi Frontiers in Marine Science 2019 / Art. 233

<https://doi.org/10.3389/fmars.2019.00233> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

A cross disciplinary framework for cost-benefit optimization of marine litter cleanup at regional scale

Christensen, Asbjørn; Tsiaras, Kostas; Murawski, Jens; Hatzonikolakis, Yannis; She, Jun; John, Michael St; **Lips, Urmas; Brouwer, Roy** Frontiers in marine science 2021 / art. 744208, 18 p. : ill <https://doi.org/10.3389/fmars.2021.744208> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Currents of the Gulf of Finland: instrumental measurements and numerical hydrodynamic modeling

Sukhachev, V.; Zakharchuk, E.; **Lips, Urmas**; Tikhonova, N.; **Suhhova, Irina** 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. 62
https://www.etis.ee/File/DownloadPublic/ebda3e4a-2eb0-4f26-971f-f16046bc0bed?name=TheGulfOfFinlandScienceDays_2017.pdf&type=application%2Fpdf

Dangerous sea level rises in the Gulf of Finland : instrumental measurements and numerical modeling

Sukhachev, V.; Zakharchuk, E.; **Lips, Urmas**; Tikhonova, N. The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 250 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Demonstration of annual/quarterly assessments and description of the production system

Lips, Urmas; Samlas, Oliver; Korabel, Vasily; She, Jun; **Stoicescu, Stella-Theresa**; Cusack, Caroline 2022
https://doi.org/10.3289/eurosea_d6.2

A descriptive analysis of the linkage between the vertical stratification and current oscillations in the Gulf of Finland

Suhhova, Irina; Liblik, Taavi; Liloover, Madis-Jaak; Lips, Urmas Boreal environment research 2018 / p. 83-103 : ill
https://www.ester.ee/record=b1199571*est <https://www.borenv.net/BER/archive/ber231-6.htm> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

A descriptive analysis of the linkage between the vertical stratification and current oscillations in the Gulf of Finland [Online resource]

Suhhova, Irina; Liblik, Taavi; Liloover, Madis-Jaak; Lips, Urmas 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 168-169 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Developing European operational oceanography for Blue Growth, climate change adaptation and mitigation, and ecosystem-based management

She, Jun; Allen, Icarus; Buch, Erik; **Lips, Urmas** Ocean science 2016 / p. 953-976 : ill <https://doi.org/10.5194/os-12-953-2016>

Developing realistic models for assessing marine plastic pollution in semi-enclosed seas

She, Jun; Christensen, Asbjørn; Garaventa, Francesca; **Lips, Urmas**; Murawski, Jens; Ntoumas, Manolis; Tsiaras, Kostas Oceanography 2023 / p. 1-5 <https://doi.org/10.5670/oceanog.2023.s1.17>

Elustav hapnikurikas süvavesi näitab Läänemeres mõju esmaseid märke

Lips, Urmas Horisont 2015 / lk. 14-15 : ill https://artiklid.elnet.ee/record=b2740967*est

Estuarine transport versus vertical movement and mixing of water masses in the Gulf of Finland (Baltic Sea)

Lips, Urmas; Lips, Inga; Liblik, Taavi US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 87

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

Euro-Argo in work and new potential of gliders in the Baltic Sea BOOS [Online resource]

Alenius, Pekka; Tikka, Kimmo; **Lips, Urmas** International Conference Operational Oceanography Serving Sustainable Marine Development : 3-5 October 2017, Bergen, Norway : book of abstracts 2017 / p. 19-20
http://eurogoos.imr.no/resources/EuroGOOS_Conference_2017_BoA.pdf

Euro-Argo in work and new potential of gliders in the Baltic Sea BOOS [Online resource]

Alenius, Pekka; Tikka, K.; **Lips, Urmas;** Tuomi, Laura; Purokoski, Tero; Roiha, Petra; Siiriä, S. Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 143-148 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Ferrybox measurements : a tool to study meso-scale processes in the Gulf of Finland (Baltic Sea)

Lips, Urmas; Lips, Inga; Kikas, Villu; Kuvaldina, Natalja US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 88

FerryBoxes within Europe : state-of-the-art and integration in the European Ocean Observation System (EOOS) [Online resource]

Petersen, W.; Colijn, F.; Goringe, P.; Kaitala, S.; Karlson, B.; King, A.; **Lips, Urmas** Operational oceanography serving sustainable marine development : proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 63-70 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Füüsikaline okeanograafia. Läänemeri

Elken, Jüri; Lips, Urmas; Keevalik, Sirje; Lips, Inga; Raudsepp, Urmas 2018 https://www.ester.ee/record=b5158569*est

Geological maps of the Gulf of Finland sea bottom as a basis for assessing the state of marine environment

Suuroja, Sten; Kask, Andres; **Petersell, Valter; Alliksaar, Tiiu; Lips, Urmas; Lepland, Aivo** The 13th Colloquium on Baltic Sea Marine Geology : September 12-16, 2016, Gdansk, Poland : abstract volume & field trip guidebook 2016 / p. 75
<https://www.pgi.gov.pl/dokumenty-pig-pib-all/publikacje-2/materialy-konferencyjne/4007-baltic-2016/file.html>

Gulf of Finland physics

Alenius, Pekka; Myrberg, Kai; Roiha, Petra; **Lips, Urmas;** Tuomi, Laura; Pettersson, Heidi; Raateoja, Mika The Gulf of Finland assessment 2016 / p. 42-57 : ill <http://hdl.handle.net/10138/166296>

Hazardous substances in the sediments and their pathways from potential sources in the eastern Gulf of Finland

Kuprijanov, Ivan; Väli, Germo; Sharov, Andrey; Berezina, Nadezhda; **Liblik, Taavi; Lips, Urmas;** Kolesova, Natalja; Maanio, Jaakko; Junntila, Ville; **Lips, Inga** Marine pollution bulletin 2021 / art. 112642, 19 p. : ill <https://doi.org/10.1016/j.marpolbul.2021.112642>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-frequency automated observing systems to meet the monitoring and assessment needs in the Baltic Baltic Sea

Lips, Urmas; Lips, Inga Abstracts : [BSSC 2019] 2019 / p. 20
https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

High-resolution characterization of the development and decay of seasonal hypoxia in the Gulf of Riga, Baltic Sea

Liblik, Taavi; Stoicescu, Stella-Theresa; Buschmann, Fred; Lilover, Madis-Jaak; Lips, Urmas Frontiers in marine science 2023 / art. 1119515 <https://doi.org/10.3389/fmars.2023.1119515>

High-resolution view on downwelling by underwater glider in the Eastern Baltic Proper

Liblik, Taavi; Salm, Kai; Lips, Urmas 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. 21 : ill ["proceedings"](#)

High-resolution view on the subsurface salinity maxima in the Gulf of Riga

Liblik, Taavi; Skudra, Maris; Lips, Urmas 1st Baltic Earth Conference Multiple Drivers for Earth System Changes in the Baltic Sea Region : Nida, Curonian Spit, Lithuania, 13-17 June 2016 : conference proceedings 2016 / p. 20 : ill http://www.baltic-earth.eu/events/nida2016/material/BalticEarth_Nida2016_Proceedings.pdf

Hinnangu andmine merekeskkonna ökosüsteemipõhiseks korraldamiseks Soome lahe merepõhja ja setete näitel : (SedGoF) : projekti aruanne

Suuroja, Sten; Heinsalu, Atko; Alliksaar, Tiit; Lips, Urmas; Pajusaar, Siim; Liiv, Merlin; Buschmann, Fred; Erm, Ants; Kiipli, Tarmo; Kallaste, Toivo 2016 https://www.kik.ee/sites/default/files/uuringud/aruanne_sedgof_30.06.2016_0.pdf

Impact of the recent major inflow on the water column structure in the NE Baltic

Liblik, Taavi; Naumann, M.; Hansson, M.; Lips, Urmas; Lips, Inga The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 79 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Influence of meso-scale dynamics on the phytoplankton distribution and species composition in the Gulf of Finland in July 2007

Altoja, Kristi; Kikas, Villu; Kuvaldina, Natalja; Lips, Urmas; Lips, Inga BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 212

In-situ observation strategies in order to monitor and understand the functioning of pelagic ecosystem in the Gulf of Finland

Lips, Urmas; Lips, Inga; Kikas, Villu; Liblik, Taavi; Kuvaldina, Natalja; Altoja, Kristi; Norit, Nelli BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 89

Inter-annual changes in temperature, salinity and density distribution in the Gulf of Riga

Skudra, Maris; Lips, Urmas 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. 99 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Kõrge ajalise ja ruumilise lahtusega kontaktnõotmised Läänemere uuringutes

Lips, Urmas Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 232-242 : ill

Linkage between the vertical stratification and current oscillations in the Gulf of Finland

Suhhova, Irina; Liblik, Taavi; Lilover, Madis-Jaak; Lips, Urmas The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 244 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Linking the development of stratification with the variability of velocity profiles in the Gulf of Finland

Lips, Urmas; Liblik, Taavi; Suhhova, Irina; Lilover, Madis-Jaak; Laanemets, Jaan Abstracts : [BSSC 2019] 2019 / p. 154 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Long-term changes in stratification in the Baltic Sea

Liblik, Taavi; Lips, Urmas 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 27 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Merealasest haridusest ja Läänemere kaitsest

Lips, Urmas TalveAkadeemia 2010 : Läänemeri - vaga vesi, sügav põhi : 26.-28. veebruar Laulasmaal 2010 / lk. 9 : ill

Mereteadlase tööst paremat eriala on raske ette kujutada! : vastab teenetemärgi saanud merefüüsik Urmas Lips

Lips, Urmas Postimees 2020 / lk. 24 : portr https://www.ester.ee/record=b1072778*est Mereteadlase tööst paremat eriala on raske ette kujutada! : vastab teenetemärgi saanud merefüüsik Urmas Lips

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

Lips, Urmas; Zhurbas, Victor; Skudra, Maris; Väli, Germa 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

Missing monitoring : review of relevance, methods, gaps and monitoring recommendations for additional ecosystem components in the Baltic Sea

Lindegarth, Mats; Künnis-Beres, Kai; Wikner, Johan; Lehtiniemi, Maiju; Kuss, Joachim; Hentzsch, Barbara; Schulz-Bull, Detlef; Lips, Inga; Lips, Urmas; Nygård, Henrik 2020 https://havsmiljoinstitutet.se/digitalAssets/1775/1775485_d2.5-missing-monitoring.pdf

Mitmekihiline mereuurimine

Lips, Urmas Horisont 2021 / lk. 36-40 : fot https://www.ester.ee/record=b1072243*est

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

Väli, Germa; 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

A multiplexed FBG based sensor platform for flow and temperature measurements in the Baltic Sea

Dzupalski, A.; Morton, J. A. S.; Papachristou, N.; Maier, R. R. J.; MacPherson, W. N.; **Ristolainen, Asko; Kruusmaa, Maarja**; Reilent, E.; **Suhhova, Irina; Lips, Urmas** Proceedings of SPIE - The International Society for Optical Engineering 2023 / art. 1264307-1 : ill <https://doi.org/10.1117/12.2679756>

Multi-sensor in situ observations to resolve the sub-mesoscale features in the stratified Gulf of Finland, Baltic Sea

Lips, Urmas; Kikas, Villu; Liblik, Taavi; Lips, Inga Ocean science 2016 / p. 715-732 : ill <https://doi.org/10.5194/os-12-715-2016>

Near-bottom hypoxia impacts dynamics of bacterioplankton assemblage throughout water column of the Gulf of Finland (Baltic Sea)

Laas, Peeter; Šatova, Elina; Lips, Inga; Lips, Urmas; Simm, Jaak; Kisand, Veljo; Metsis, Madis PLoS ONE 2016 / art. e0156147, p. 1-19 : ill <https://doi.org/10.1371/journal.pone.0156147>

Nord Streami mõjude uurimine annab väärt teavet ka tulevikuks

Lips, Urmas Postimees 2010 / Looduse Hää, lk. 8

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>

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>

Nutrient load : targets and required reductions

Knuuttila, Seppo; Kondratyev, Sergey; **Lips, Urmas**; Ekholm, Petri The Gulf of Finland assessment 2016 / p. 134-141 : ill <http://hdl.handle.net/10138/166296>

Nutrients in the water

Raateoja, Mika; Pitkänen, Heikki; Eremina, Tatjana; **Lips, Urmas** The Gulf of Finland assessment 2016 / p. 94-113 : ill <http://hdl.handle.net/10138/166296>

Observed thermohaline fields and low-frequency currents in the Narva Bay

Laanearu, Janek; **Lips, Urmas** Proceedings of the Estonian Academy of Sciences. Engineering 2003 / 2, p. 91-106 : ill https://artiklid.elnet.ee/record=b1012786*est

On the buoyant sub-surface salinity maxima in the Gulf of Riga

Liblik, Taavi; Skudra, Maris; Lips, Urmas Oceanologia 2017 / p. 113-128 : ill <https://doi.org/10.1016/j.oceano.2016.10.001>

On the turbidity dynamics in the near-bottom layer of the Gulf of Finland

Buschmann, Fred; Suhhova, Irina; Liblik, Taavi; Lips, Urmas The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 16 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Phytoplankton distribution affected by the coastal upwelling event in the Gulf of Finland in August 2006 : observational results

Lips, Inga; Lips, Urmas BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 44

Phytoplankton dynamics affected by the coastal upwelling events in the Gulf of Finland in July-August 2006

Lips, Inga; Lips, Urmas Journal of plankton research 2010 / p. 1269-1282 : ill

Plankton biodiversity and species co-occurrence based on environmental DNA - a multiple marker study

Sildever, Sirje; Laas, Peeter; Kolesova, Natalja; Lips, Inga; Lips, Urmas; Nagai, Satoshi Metabarcoding and metagenomics 2021 / p. 175-197 : ill <https://doi.org/10.3897/mbmg.5.72371> [Journal metrics at Scopus](#) [Article at Scopus](#)

Processes responsible for the formation and maintenance of sub-surface chlorophyll maxima in the Gulf of Finland

Lips, Urmas; Lips, Inga; Liblik, Taavi; Kuvaldina, Natalja Estuarine, coastal and shelf science 2010 / p. 339-349 : ill

Propagation of impact of the recent major Baltic inflows from the Eastern Gotland Basin to the Gulf of Finland [Online resource]

Liblik, Taavi; Naumann, Michael; **Lips, Urmas; Laanemets, Jaan** Frontiers in marine science 2018 / art. 222, 23 p. : ill <https://doi.org/10.3389/fmars.2018.00222> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quality of Estonian coastal waters by underwater optical measurements

Alari, Victor; Erm, Ants; Väli, Germa; Lips, Inga; Lips, Urmas US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 14-15 : ill

Quantification of dissolved oxygen dynamics in a semi-enclosed sea – a comparison of observational platforms

Meyer, David; **Lips, Urmas**; Prien, Ralf D.; Naumann, Michael; **Liblik, Taavi** Continental shelf research 2018 / p. 34–45 : ill
<https://doi.org/10.1016/j.csr.2018.09.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quasi-steady circulation regimes in the Baltic Sea

Liblik, Taavi; Väli, Germa; Salm, Kai; Laanemets, Jaan; Lilover, Madis-Jaak; Lips, Urmas Ocean science 2022 / p. 857-879
<https://doi.org/10.5194/os-18-857-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rare saltwater inflow in Baltic Sea could have 'widespread' environmental impact

Piir, Rait; Lips, Urmas; Liblik, Taavi news.err.ee 2023

Salinity dynamics of the Baltic Sea

Lehmann, Andreas; Myrberg, Kai; Post, Piia; Chubarenko, Irina; Dailidiene, Inga; Hinrichsen, Hans-Harald; Hüsey, Karin; **Liblik, Taavi; Lips, Urmas**; Meier, H. E. Markus; Bukanova, Tatiana Earth System Dynamics 2022 / p. 373–392 : ill
<https://doi.org/10.5194/esd-13-373-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Väli, Germa; 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, Germa; Zhurbas, Victor; Elken, Jüri; Lips, Inga; Lips, Urmas Boreal environment research 2011 / p. 15-26 : ill

Soe ilm pole vett veel öitsema ajanud : [TTÜ professori Urmas Lipsi lühikommentaart artikli juures]

Kelder, Kärt; **Lips, Urmas** Eesti Päevaleht 2010 / 7. juuli, lk. 5

Soome lahe keskkonnaseisundi hinnang lähtuvalt merepõhja setetest

Suuroja, Sten; Kask, Andres; Petersell, Valter; Karimov, Mark; **Alliksaar, Tiiu**; Tõnisson, Hannes; **Lips, Urmas**; Lepland, Aivo XXIII aprillikonverents "Eesti maapõue strateegia" : teesid 2015 / lk. 30-32 : ill

Soome lahe merepõhja geoloogilised kaardid merekeskkonna seisundi hindamiseks

Suuroja, Sten; Kask, Andres; Petersell, Valter; Karimov, Mark; **Alliksaar, Tiiu**; Tõnisson, Hannes; **Lips, Urmas**; Lepland, Aivo XXIV aprillikonverents "Maapõuekasutus ja keskkonnahoid" : teesid 2016 / lk. 46-47 : ill

Soome lahe pelagiaali ökosüsteemi struktuur ja selle muutlikkus

Lips, Urmas Tallinna Tehnikaülikooli aastaraamat 2007 2008 / lk. 74-78

Soome lahe seisund ja tulevik

Lips, Urmas; Loigu, Enn; Lääne, Ain; Martin, Georg; Pachel, Karin; Raia, Tiiu 1998 https://www.ester.ee/record=b1057306*est

Spatio-temporal variability of environmental parameters in the surface layer of the Gulf of Finland in spring (on the basis of Tallinn-Helsinki FerryBox data 2007-2009)

Norit, Nelli; Kikas, Villu; Lips, Inga; Kuvaldina, Natalja; Lips, Urmas BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 211

Spatiotemporal variability of microplastics in the Eastern Baltic Sea

Mishra, Arun; Buhhalko, Natalja; Lind, Kati; Lips, Inga; Liblik, Taavi; Väli, Germa; Lips, Urmas Frontiers in marine science 2022 / art. 875984 <https://doi.org/10.3389/fmars.2022.875984> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spreading of suspended matter in a shallow sea area influenced by dredging activities and variable atmospheric forcing : results of in-situ measurements

Liblik, Taavi; Lips, Urmas Journal of coastal research 2011 / p. 561-566 : ill <https://www.jstor.org/stable/26482234>

Spring bloom in the Gulf of Finland - interannual variability caused by meteorological and hydrological conditions

Lips, Inga; Sildever, Sirje; Lips, Urmas; Rünk, Nelli; Kikas, Villu 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. 106
http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Stratification has strengthened in the Baltic Sea - an analysis of 35 years of observational data

Liblik, Taavi; Lips, Urmas *Frontiers in earth science* 2019 / art. 174, 15 p. : ill <https://doi.org/10.3389/feart.2019.00174> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Submesoscale processes in the surface layer of the central Baltic Sea: A high-resolution modelling study

Väli, Germa; Meier, H.E. Markus; **Liblik, Taavi;** Radtke, Hagen; Klingbeil, Knut; Gräwe, Ulf; **Lips, Urmas** *Oceanologia* 2024 / p. 78-90 <https://doi.org/10.1016/j.oceano.2023.11.002>

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

Väli, Germa; 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>

Submesoscale variability in a mesoscale front captured by a glider mission in the Gulf of Finland, Baltic Sea

Salm, Kai; Liblik, Taavi; **Lips, Urmas** *Frontiers in marine science* 2023 / 18 p. : ill <https://doi.org/10.3389/fmars.2023.984246>

Submesoscale Variability in a Mesoscale Front Captured by a Glider Mission in the Gulf of Finland, Baltic Sea

Salm, Kai; Liblik, Taavi; **Lips, Urmas** *ESS Open Archive* 2022 / 27 p. : ill <https://doi.org/10.1002/essoar.10510112.1>

Sub-regional observing and forecast system for the NE Baltic: needs and first results

Elken, Jüri; Kõuts, Tarmo; **Lips, Urmas;** Raudsepp, Urmas; Lagemaa, Priidik *US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008* / p. 38

Synoptic scale assessment of oxygen depletion in the Gulf of Finland

Liblik, Taavi; Stoicescu, Stella-Theresa; Laanemets, Jaan; Samlas, Oliver; Kuprijanov, Ivan; Buschmann, Fred; **Lips, Urmas** *Abstracts : [BSSC 2019] 2019* / p. 207 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

A synthesis of marine monitoring methods with the potential to enhance the status assessment of the Baltic Sea

Mack, Leoni; Attila, Jenni; Aylagas, Eva; Beermann, Arne; Borja, Angel; Hering, Daniel; Kahlert, Maria; Leese, Florian; **Lips, Urmas** *Frontiers in marine science* 2020 / 16 p <https://doi.org/10.3389/fmars.2020.552047> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The hydrographic conditions in the Gulf of Finland in 2014 base on extensive joint monitoring

Myrberg, Kai; **Lips, Urmas;** Korneev, Oleg; Raateoja, Mika; Alenius, Pekka; Bruun, Jan-Erik *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. 234 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

The importance of Mesodinium rubrum at post-spring bloom nutrient and phytoplankton dynamics in the vertically stratified Baltic Sea

Lips, Inga; **Lips, Urmas** *Frontiers in marine science* 2017 / art. 407, p. 1-16 : ill <https://doi.org/10.3389/fmars.2017.00407>

The influence of a coastal upwelling event on chlorophyll a and nutrient dynamics in the surface layer of the Gulf of Finland, Baltic Sea

Kuvaldina, Natalja; **Lips, Inga;** **Lips, Urmas;** **Liblik, Taavi** *Hydrobiologia* 2010 / p. 221-230 : ill

Transnational FerryBox monitoring in the Baltic Sea : common measures for quality assurance

Seppälä, Jukka; Maunula, Petri; Haavisto, Noora; Rehder, Gregor; Karlson, Bengt; Willstrand Wranne, Anna; **Lips, Urmas;** **Kikas, Villu;** Jaanus, Andres; London, Lauri; Laakso, Lauri *IEEE International Workshop on Metrology for the Sea ; Learning to Measure Sea Health Parameters (MetroSea) 2021* / p. 121-125 <https://doi.org/10.1109/MetroSea52177.2021.9611608>

Upwelling characteristics in the Gulf of Finland (Baltic Sea) as revealed by Ferrybox measurements in 2007-2013

Kikas, Villu; **Lips, Urmas** *Ocean science* 2016 / p. 843-859 : ill <https://doi.org/10.5194/os-12-843-2016>

Variability of pycnoclines in a three-layer, large estuary : the Gulf of Finland

Liblik, Taavi; **Lips, Urmas** *Boreal environment research* 2017 / p. 27-47 : ill <http://www.borenv.net/BER/pdfs/ber22/ber22-027-047-Liblik.pdf>

Water exchange between the Baltic Sea Proper and the Åland Sea

Alenius, Pekka; Tikka, Kimmo; Tuomi, Laura; **Lips, Urmas** *Abstracts : [BSSC 2019] 2019* / p. 170 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Vertical dynamics of summer phytoplankton in a stratified estuary (Gulf of Finland, Baltic Sea)

Lips, Urmas; **Lips, Inga;** **Liblik, Taavi;** **Kikas, Villu;** **Altoja, Kristi;** **Buhhalko, Natalja;** Rünk, Nelli *Ocean dynamics* 2011 / p. 903-915 : ill

Viewpoint

Pitkänen, Heikki; Kuosa, Harri; Eremina, Tatjana; **Lips, Urmas;** Lehtoranta, Jouni; Maximov, Alexey *The Gulf of Finland assessment 2016* / p. 86-88 : ill <http://hdl.handle.net/10138/166296>

Wind-driven residual circulation and related oxygen and nutrient dynamics in the Gulf of Finland (Baltic Sea) in winter
Lips, Urmas; Laanemets, Jaan; Lips, Inga; Liblik, Taavi; Suhhova, Irina; Suursaar, Ülo Estuarine, coastal and shelf science
2017 / p. 4-15 : ill <https://doi.org/10.1016/j.ecss.2016.10.006>

Wind-driven variability of pycnoclines in the Gulf of Finland

Liblik, Taavi; Lips, Urmas 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. 93 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Wind-forced variability of vertical structure of temperature and salinity fields in the Gulf of Finland

Liblik, Taavi; Lips, Urmas BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 117

Wintertime reversals of estuarine circulation and related changes in oxygen and nutrient conditions in the Gulf of Finland

Lips, Urmas; Laanemets, Jaan; Elken, Jüri; Lips, Inga; Liblik, Taavi; Raudsepp, Urmas; Suhhova, Irina; Buschmann, Fred; Suursaar, Ülo 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. 94 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf