

Abiotic factors controlling the cyanobacterial bloom occurrence in the Gulf of Finland

Lips, Inga 2005 <http://dspace.ut.ee/handle/10062/940>

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](#)

BalticSeaNow.info : marine research = Mereteadus

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

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, Germa 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 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

Kaupila, 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>

Competitive advantage and higher fitness in native populations of genetically structured planktonic diatoms

Sildever, Sirje; Sefbom, Josefin; Lips, Inga; Godhe, Anna Environmental microbiology 2016 / p. 4403-4411 : ill

<https://doi.org/10.1111/1462-2920.13372>

Cultivation of Algae Polyculture in Municipal Wastewater with CO2 Supply

Podkuiko, Lara; Kasemets, Mari-Liis; Kikas, Timo; Lips, Inga Environmental and Climate Technologies 2020 / p. 188-200

<https://doi.org/10.2478/rtuct-2020-0096>

Dark nutrient uptake at low temperature and subsequent light use efficiency by the dinoflagellate *Heterocapsa triquetra*

Ojamäe, Karin; Peterson, Anneliis; Lips, Inga Marine biology research 2016 / p. 978-985 : ill

<http://dx.doi.org/10.1080/17451000.2016.1216570>

Developing benthic monitoring programmes to support precise and representative status assessments: a case study from the Baltic Sea

Nygard, Henrik; Lindegarth, Mats; Darr, Alexander; Dinesen, Grete E.; Eigaard, Ole R.; Lips, Inga Environmental monitoring and

assessment 2020 / p. 1-18 : ill <https://doi.org/10.1007/s10661-020-08764-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of benthic monitoring strategies in the Baltic Sea

Nygard, Henrik; Lindegarth, Mats; Darr, Alexander; Dinesen, Grete E.; Eigaard, Ole R.; Lips, Inga Abstracts : [BSSC 2019] 2019 / p.

309 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Environmental variables driving species and genus level changes in annual plankton biomass

Forsblom, Louise; Engström-Öst, Jonna; Lehtinen, Sirpa; Lips, Inga; Linden, Andreas Journal of plankton research 2019 / p. 925-

938 : ill <https://doi.org/10.1093/plankt/fbz063> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Fütoplanktoni vähem tuntud pool

Lips, Inga Eesti Loodus 2011 / 11, lk. 26-28 : ill https://artiklid.elnet.ee/record=b2440282*est

Füüsikaline okeanograafia. Läänemeri

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

Genomic features and copper biosorption potential of a new *Alcanivorax* sp. VBW004 isolated from the shallow hydrothermal vent (Azores, Portugal)

Ramasamy, Kesava Priyan; Rajasabapathy, Raju; Lips, Inga; Mohandass, Chellandi; James, Rathinam Arthur Genomics 2020 / p. 3268–3273 <https://doi.org/10.1016/j.ygeno.2020.06.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kuprijanov, Ivan; Väli, Germa; Sharov, Andrey; Berezina, Nadezhda; Liblik, Taavi; Lips, Urmas; Kolesova, Natalja; Maanio, Jaakko; Junttila, 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 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

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

Influence of physical-chemical factors on community and populations of the Baltic Sea spring bloom microalgae = Füüsikalise-keemiliste tegurite mõju kevadõitsengu mikrovetikate kooslustele ja populatsioonidele Läänemeres

Sildever, Sirje 2017 <https://digi.lib.ttu.ee/i/27192>

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

Läänemeri lämbub ja see on sinu süü

Parksepp, Anette LP+Eesti Päevaleht 2019 / lk. 16-17 <https://epl.delfi.ee/uudised/laanemeri-lambub-ja-see-on-sinu-suu?id=86585721>

Mass entrapment and lysis of *Mesodinium rubrum* cells in mucus threads observed in cultures with *Dinophysis*

Ojamäe, Karin; Hansen, P. J.; Lips, Inga Harmful Algae 2016 / p. 77-84 : ill <https://doi.org/10.1016/j.hal.2016.02.001>

Microplastic in the Baltic Sea – current knowledge and future perspectives [Online resource]

Lips, Inga 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. 24 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Microplastic pollution in aquatic environments of Estonia [Online resource]

Turov, Polina; Lind, Kati; Lips, Inga 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. 46-47 https://archive.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Midwinter stratification formation in the Gulf of Finland

Liblik, Taavi; Väli, Germa; Lilover, Madis-Jaak; Laanemets, Jaan; Kikas, Villu; Lips, Inga 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. 123 ["proceedings"](#)

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

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>

Optimising sampling frequency for monitoring heterotrophic protists in a marine ecosystem

Lehtiniemi, Maiju; Fileman, Elanie; Hållfors, Heidi; Kuosa, Harri; Lehtinen, Sirpa; Lips, Inga; Setälä, Outi; Suikkanen, Sanna; Tuimala, Jarno; Widdicombe, Claire ICES journal of marine science 2022 / p. 925–936 : ill <https://doi.org/10.1093/icesjms/fsab132> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Photoregulation in a Kleptochloroplastidic Dinoflagellate, Dinophysis acuta

Hansen, Per J.; Ojamäe, Karin; Berge, Terje; Trampe, Erik C. L.; Nielsen, Lasse T.; Lips, Inga; Kühl, Michael Frontiers in microbiology 2016 / art. 785, p. 1-11 : ill <https://dx.doi.org/10.3389/fmicb.2016.00785>

Physical barriers and environmental gradients cause spatial and temporal genetic differentiation of an extensive algal bloom

Godhe, Anna; Sjöqvist, Conny; Sildever, Sirje; Lips, Inga Journal of biogeography 2016 / p. 1130-1142 : ill <https://doi.org/10.1111/jbi.12722>

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 influencing the spatio-temporal dynamics of nutrients and phytoplankton in summer in the Gulf of Finland, Baltic Sea = Toitainete ja fütoplanktoni ajalis-ruumilist muutlikkust mõjutavad protsessid suvel Soome lahes

Buhhalko, Natalja 2015 <https://digi.lib.ttu.ee/i/?3668> https://www.ester.ee/record=b4510529*est

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

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

Resuspension of sediment in a semi-sheltered bay due to wind waves and fast ferry wakes

Erm, Ants; Alari, Victor; Lips, Inga; Kask, Jüri Boreal environment research 2011 / p. 149-163 : ill

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

Spatio-temporal interdependence of bacteria and phytoplankton during a Baltic Sea spring bloom

Bunse, Carina; Bertos-Fortis, Mireia; Sassenhagen, Ingrid; Sildever, Sirje; Lips, Inga Frontiers in microbiology 2016 / p. 1-10 : ill <https://doi.org/10.3389/fmicb.2016.00517>

Spatiotemporal Niche-partitioning of bacterioplankton community across environmental gradients in the Baltic Sea = Bakteriplanktoni koosluse ajalis-ruumiline nišijaotus läbi keskkonnagradiendide Läänemeres

Laas, Peeter 2016 https://www.ester.ee/record=b4578083*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] :

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](#)

Spring bloom dinoflagellate cyst dynamics in three eastern sub-basins of the Baltic Sea

Silvever, Sirje; Kremp, Anke; Enke, Annely; Buschmann, Fred; Maljutenko, Ilja; Lips, Inga *Continental shelf research* 2017 / p. 46-55 : ill <https://doi.org/10.1016/j.csr.2016.11.012>

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

Lips, Inga; Silvever, 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

The ecology and photobiology of mixotrophic alveolates in the Baltic Sea = Miksotroofsete alveolaatide ökoloogia ja fotobioloogia Läänemeres

Ojamäe, Karin 2016 <http://digi.lib.ttu.ee/ii/?6298> https://www.ester.ee/record=b4603604*est

The first overview of the microplastic pollution in the Estonian waters in the Gulf of Finland, Baltic Sea

Lips, Inga; Lind, Kati Abstracts : [BSSC 2019] 2019 / p. 293 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

The impact of the last Major Baltic Inflows on the Gulf of Finland water chemistry and auto- and heterotrophic microbial communities [Online resource]

Künnis-Beres, Kai; Lainela, Silvie; Lips, Inga 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. 36 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.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

The interactions between small autotrophs and heterotrophs (bacteria, flagellates and ciliates) in the process of pelagic organic matter degradation, aggregation and sedimentation

Künnis-Beres, Kai; Lips, Inga 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. 36-37 : fot https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.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

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>

Winter re-stratification events and their consequences in the NE Baltic Sea

Liblik, Taavi; Väli, Germa; Künnis-Beres, Kai; Lilover, Madis-Jaak; Lips, Inga Abstracts : [BSSC 2019] 2019 / p. 208 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

The winter stratification phenomenon and its consequences in the Gulf of Finland, Baltic Sea

Liblik, Taavi; Väli, Germa; Lips, Inga; Lilover, Madis-Jaak; Kikas, Villu; Laanemets, Jaan *Ocean Science* 2020 / p. 1475 - 1490 <https://doi.org/10.5194/os-16-1475-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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