

Assessing the potential for sea-based macroalgae cultivation and its application for nutrient removal in the Baltic Sea
Kotta, Jonne; Raudsepp, Urmas; Szava-Kovats, Robert; Szava-Kovats, Robert; Aps, Robert; Armoskaite, Aurelija; Barda, Ieva; Bergström, Per; Futter, Martyn; **Maljutenko, Ilja** Science of the total environment 2022 / art. 156230 ; 14 p. : ill
<https://doi.org/10.1016/j.scitotenv.2022.156230> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Kotta, Jonne; Raudsepp, Urmas; Szava-Kovats, Robert; Aps, Robert; Armoskaite, Aurelija; Barda, Ieva; Bergström, Per; Futter, Martyn Norman; Gröndahl, Fredrik; Hargrave, Matthew S.; Jakubowska, Magdalena; Jänes, Holger; Kaasik, Ants; Kraufvelin, Patrik; Kovaltchouk, Nikolaj A.; Krost, Peter; Kulikowski, Tomasz; Kõivupuu, Anneliis; Kotta, Ilmar; Lees, Liisi; Loite, Sander; Maljutenko, Ilja; Nylund, Göran Mikael; Paalme, Tiina; Paviá, Henrik; Andersone, Ingrida; Rahikainen, Moona M.; Sandow, Verena; Visch, Wouter; Yang, B.; Barboza, Francisco Rafael Science of the Total Environment 2023 / art. 165870
<https://doi.org/10.1016/j.scitotenv.2023.165870> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Current status, advancements and development needs of geospatial decision support tools for marine spatial planning in European seas

Depellegrin, Daniel; Hansen, Henning Sten; Schrøder, Lise; Bergström, Lena; Romagnoni, Giovanni; Steenbeek, Jeroen; Goncalves, Magali; Carneiro, Goncalo; **Kotta, Jonne; Fetissov, Mihail** Ocean & coastal management 2021 / art. 105644
<https://doi.org/10.1016/j.ocecoaman.2021.105644>

Differences in port pricing strategies : case of port and fairway fees in northern Baltic Sea countries

Hunt, Tõnis; Tapaninen, Ulla Pirita; Kotta, Jonne Sustainability 2025

Doktoritöö soovib välja arendada vähemalt ühe rannakarbist tehtud toote

Hõimoja, Jane Meremees : Eesti merendusajakiri = Estonian maritime magazine 2022 / lk. 28-29

https://www.ester.ee/record=b4646644*est https://issuu.com/ajakirimeremees/docs/meremees_nr_316_issuu_1

An Eco-GAME meta-evaluation of existing methods for the appreciation of ecosystem services

Sajeva, Maurizio; Maidell, Marjo; **Kotta, Jonne**; Peterson, Anne-Liis Sustainability 2020 / art. 7805, 47 p. : ill

<https://doi.org/10.3390/su12187805>

Effectiveness of common benthic macrofaunal sampling methodology in boulder and cobble reefs

Liversage, K.; **Kotta, Jonne; Pajusalu, Liina** Journal of experimental marine biology and ecology 2020 / art. 151413, 7 p

<https://doi.org/10.1016/j.jembe.2020.151413>

Food web responses to eutrophication control in a coastal area of the Baltic Sea

Skov, Henrik; Rasmussen, Erik Kock; **Kotta, Jonne**; Middelboe, Anne Lise; Uhrenholdt, Thomas; Žydelis, Ramunas Ecological modelling 2020 / art. 109249, 13 p. : ill <https://doi.org/10.1016/j.ecolmodel.2020.109249>

From ecosystems to socio-economic benefits : a systematic review of coastal ecosystem services in the Baltic Sea

Heckwolf, Melanie J.; Peterson, Anneliis; Jänes, Holger; Horne, Paula; Künne, Jana; Liversage, Kiran; Sajeva, Maurizio; Reusch, Thorsten B.H.; **Kotta, Jonne** The science of the total environment 2021 / art. 142565, 11 p. : ill

<https://doi.org/10.1016/j.scitotenv.2020.142565>

Kas biomajandus saab sinine olla?

Kindsigo, Merit; Kotta, Jonne; Lees, Liisi saartehaal.postimees.ee 2023 [Kas biomajandus saab sinine olla?](#)

Linking atmospheric, terrestrial and aquatic environments : Regime shifts in the Estonian climate over the past 50 years

Kotta, Jonne; Herkül, Kristjan; Jaagus, Jaak; Kaasik, Ants; **Raudsepp, Urmas; Alari, Victor; Laanemets, Jaan; Maljutenko, Ilja; Männik, Aarne; Reihan, Alvina** PLoS ONE 2018 / e0209568, 20 p. : ill <https://doi.org/10.1371/journal.pone.0209568> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Maailmatasemel veebitööriist aitab hinnata keskkonnamõju

Kotta, Jonne Meremees : Eesti merendusajakiri = Estonian maritime magazine 2023 / lk. 22-23 : ill

<https://issuu.com/ajakirimeremees/docs/meremees321> https://www.ester.ee/record=b4646644*est

Methods for calculating greenhouse gas emissions in the Baltic Sea ports : a comparative study

Tombak, Mari-Liis; Tapaninen, Ulla Pirita; Kotta, Jonne Sustainability 2025 / art. 639 <https://doi.org/10.3390/su17020639>

Micronisation of low-salinity Baltic Sea blue mussels : enhancing whole-biomass utilization and nutritional viability

Adler, Indrek; Kotta, Jonne; Vene, Kristel Fishes 2025 / 15 p <https://doi.org/10.3390/fishes10050199>

Next-generation smart response web (NG-SRW) : an operational spatial decision support system for maritime oil spill emergency response in the Gulf of Finland (Baltic Sea)

Fetissov, Mihhail; Aps, Robert; Goerlandt, Floris; Jänes, Holger; Kotta, Jonne; Kujala, Pentti; Szava-Kovats, Robert Sustainability 2021 / art. 6585 <https://doi.org/10.3390/su13126585>

Nitrogen and phosphorus discharges from cargo ships' black and grey waters — a case study of a Baltic Sea port

Lappalainen, Suvi-Tuuli; Tapaninen, Ulla Pirita; Kotta, Jonne Oceans 2024 / p. 560–570 <https://doi.org/10.3390/oceans5030032>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Operationalisation of ecosystem services in support of ecosystem-based marine spatial planning : insights into needs and recommendations

Galparsoro, Ibon; Pınarbasi, Kemal; Gissi, Elena; Culhane, Fiona; Gacutan, Jordan; Kotta, Jonne; Cabana, David; Wanke, Sonja; **Fetissov, Mihhail** Marine Policy 2021 / art. 104609 <https://doi.org/10.1016/j.marpol.2021.104609>

Optimizing the processing of shellfish (Mytilus edulis and M. trossulus Hybrid) biomass cultivated in the Low Salinity Region of the Baltic Sea for the extraction of meat and proteins

Adler, Indrek; Kotta, Jonne; Tuvikene, Rando; Kaldre, Katrin Applied sciences 2022 / art. 5163, 11 p. : ill <https://doi.org/10.3390/app12105163> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A participatory geospatial toolkit for science integration and knowledge transfer informing SDGs based Governance and decision making

Sajeva, Maurizio; Maidell, Marjo; **Kotta, Jonne** Sustainability 2020 / art. 8088, 19 p. : ill <https://doi.org/10.3390/su12198088>

Perceived multiple stressor effects depend on sample size and stressor gradient length

Mack, Leoni; Fernandez de la Hoz, Camino; Penk, Marcin; Piggott, Jeremy; Crowe, Tasman; Hering, Daniel; Kaijser, Willem; Aroviita, Jukka; Baer, Jan; **Kotta, Jonne** Water research 2022 / art. 119260 <https://doi.org/10.1016/j.watres.2022.119260>

Regime shifts in the natural environment in the northern Baltic Sea region in late 1980s

Jaagus, Jaak; **Alari, Victor;** Arula, Timo; Järvet, Arvo; Kont, Are; Kotta, Jonne; Kull, Ain; Laanemets, Jaan; Männik, Aarne; Ojaveer, Henn; **Raudsepp, Urmas; Reihan, Alvina;** Rõõm, Rein; Sepp, Mait; Suursaar, Ülo; Tamm, Ottar; Tamm, Toomas; Tõnisson, Hannes 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. 64 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Towards efficient mapping of greenhouse gas emissions : a case study of the port of Tallinn

Kotta, Jonne; Fetissov, Mihhail; Kaasik, Ellen; Väärt, Janis; Štökov, Stanislav; **Tapaninen, Ulla Pirita** Sustainability 2023 / art. 9520 <https://doi.org/10.3390/su15129520> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A trophic cascade facilitates native habitat providers within assemblages of multiple invasive marine species

Liversage, Kiran; Kotta, Jonne; **Kuprijanov, Ivan;** Rätsep, Margus; Nõomaa, K. Ecosphere 2021 / p. 1-13 : ill <https://doi.org/10.1002/ecs2.3621> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Unlocking the potential of shellfish biomass : refining protein extraction from Baltic blue mussels for sustainable food applications

Adler, Indrek; Kotta, Jonne; Tuvikene, Rando; Orav Kotta, Helen Cogent food & agriculture 2024 / art. 2405880, 13 p. : ill <https://doi.org/10.1080/23311932.2024.2405880> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using machine learning methodology to model nutrient discharges from ports: a case study of a fertilizer terminal

Lappalainen, Suvi-Tuuli; **Kotta, Jonne; Tombak, Mari-Liis; Tapaninen, Ulla Pirita** Journal of marine science and engineering 2024 / 12 p., ill <https://doi.org/10.3390/jmse12010143> <https://www.mdpi.com/2077-1312/12/1/143> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Valorization of Baltic Sea farmed blue mussels: Chemical profiling and prebiotic potential for nutraceutical and functional food development

Adler, Indrek; Kotta, Jonne; Robal, Marju; Humayun, Sanjida; **Vene, Kristel;** Tuvikene, Rando Food Chemistry: X 2024 / art. 101736, 14 p. <https://doi.org/10.1016/j.fochx.2024.101736> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Valorization of Blue Mussels in the Baltic Sea = Läänemere söödava rannakarbi väärindamine

Adler, Indrek 2025 https://www.ester.ee/record=b5766509*est <https://digikogu.taltech.ee/et/Item/2531336f-b7e4-4396-b7fa-03ff842ef28c> <https://doi.org/10.23658/taltech.77/2025>

Vesiviljelus : meri saab puhtamaks ja inimesed leivakõrvast

Alvela, Ain Teejuht : maal, vees ja õhus : Transpordiameti digiajakiri 2023 / lk. 16-19 : fot https://www.ester.ee/record=b5495900*est <https://digiajakiri.transpordiamet.ee/view/193588123/18/>