

Analysis of the performances of hyperspectral lidar for water pollution diagnostics

Sobolev, Innokenti; Babichenko, Sergey EARSel eProceedings 2013 / p. 113-123 : ill

Application of the wavelet transform for feature extraction in the analysis of hyperspectral laser-induced fluorescence data

Sobolev, Innokenti; Babichenko, Sergey International journal of remote sensing 2013 / p. 7218-7235 : ill

<https://doi.org/10.1080/01431161.2013.817714> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

BalticSeaNow.info arendab mereteadlikkust

Ojamäe, Karin Eesti Loodus 2011 / 11, lk. 52-53 : ill https://artiklid.elnet.ee/record=b2440879*est

Critical aspects for collision induced oil spill response and recovery system in ice conditions: A model-based analysis

Lu, Liangliang; Goerlandt, Floris; **Tabri, Kristjan**; Hoglund, Anders; Banda, Osiris A. Valdez; Kujala, Pentti Journal of loss prevention in the process industries 2020 / art. 104198, 20 p. : ill <https://doi.org/10.1016/j.jlp.2020.104198> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detection of oil spills on SAR images and forecast of the slicks trajectory, case study

Uiboupin, Rivo; **Raudsepp, Urmas**; **Sipelgas, Liis** US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 161

Double-hull breaching energy in ship-tanker collision

Heinvee, Martin; **Tabri, Kristjan** Progress in the Analysis and Design of Marine Structures : proceedings of the 6th International Conference on Marine Structures (MARSTRUCT 2017), Lisbon, Portugal, 8–10 May 2017 2017 / p. 439-448

<https://www.taylorfrancis.com/books/e/9781351653411>

Eesti ja Rootsi teadlased uurivad õlilaigu liikumist : [õlireostuse uurimist Vaindloo saare läheduses kommenteerib TTÜ Meresüsteemide instituudi teadur Urmas Raudsepp]

Ammas, Anneli; **Raudsepp, Urmas** Eesti Päevaleht 2006 / 14. märts, lk. 4 <https://epl.delfi.ee/artikkel/51033960/eesti-ja-rootsi-teadlased-uurivad-olilaigu-liikumist>

Eesti lubab looduskaitsealal üliohtlikku äri ajada

Harju, Ülle Postimees 2021 / Lk. 4-5 : fot <https://leht.postimees.ee/7168042/eesti-lubab-looduskaitsealal-ulohtlikku-ari-ajada>

Enhancing oil spill detection, response and modeling in the Baltic Sea = Õlireostuse tuvastamise, modelleerimise ja sellele reageerimise tõhustamine Läänemeres

Pärt, Siim 2024 <https://doi.org/10.23658/taltech.61/2024> https://www.ester.ee/record=b5704342*est

<https://digikogu.taltech.ee/et/Item/0fc8b005-bd63-4a8d-a934-e89ec4d690be>

EOS - Environment & Oil Spill Response. An analytic tool for environmental assessments to support oil spill response planning: Framework, principles, and proof-of-concept by an Arctic example

Wegeberg, S.; Fritt-Rasmussen, J.; Gustavson, K.; **Lilover, Madis-Jaak**; Boertmann, D.; Christensen, T.; Johansen, K. L.; Spelling-Clausen, D.; Riget, F.; Mosbech, A. Marine pollution bulletin 2024 / art. 115948 <https://doi.org/10.1016/j.marpolbul.2023.115948> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The EU Horizon 2020 project GRACE : integrated oil spill response actions and environmental effects

Jørgensen, Kristen S.; Kreutzer, Anne; Lehtonen, Kari K.; Kankaanpää, Harri; Truu, Jaak; **Kõuts, Tarmo**; **Lilover, Madis-Jaak** Environmental sciences Europe 2019 / art. 44, 10 p. : ill <https://doi.org/10.1186/s12302-019-0227-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Expanded underwater robotics ready for oil spill

Gilbert, Javier; Lopez-Castejon, F.; Rodríguez de Mesas, C.; **Ernits, Juhan-Peep**; **Vain, Jüri** Interspill 2018 - London : [proceedings] 2018 / 2 p <http://interspill.org/previous-events/2018/> <http://interspill.org/previous-events/2018/14March2018/3-Situational-Awareness/Expanded-Underwater-Robotics-J-Gilbert-UPCT-Cartagena.pdf>

Expanded underwater robotics ready for oil spills (e-URready4OS)

Gilbert, Javier; Sousa, João; Vukic, Zoran; **Ernits, Juhan-Peep**; **Vain, Jüri** Marine technology reporter 2018 / p. 24–33 <https://magazines.marinelink.com/Magazines/MarineTechnology/201803/content/expanded-underwater-robotics-535546>

Hinnangu andmine merikeskkonna 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

Hydraulic modelling of oil spill through submerged orifices in damaged ship hulls

Kollo, Monika; **Laanearu, Janek**; **Tabri, Kristjan** Ocean engineering 2017 / p. 385-397 : ill

<https://doi.org/10.1016/j.oceaneng.2016.11.032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydraulic modelling of submerged oil spill including tanker hydrostatic overpressure

Sergejeva, Monika; Laanearu, Janek; Tabri, Kristjan Analysis and design of marine structures : proceedings of the 4th International Conference on Marine Structures (MARSTRUCT 2013), Espoo, Finland, 25-27 March 2013 / p. 209-217 : ill

Hyperspectral data processing and interpretation in remote sensing based on laser-induced fluorescence method =

Hüperspektraalse andmete analüüs ja tõlgendamine kaugseires laser-induced-fluorescence-meetodi põhjal

Sobolev, Innokenti 2014

Impact of shipwrecks to marine environment : MS Volare case study

Vahter, Kaimo; Pärt, Siim; Landquist, Hanna; **Kõuts, Tarmo** 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. 161 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Implementation of a National Marine Oil Spill Contingency Plan for Estonia : use of GIS as a tool for operational decision making

Klint, Mikala GIS-Baltic Sea States '95 : exhibition, conference - Tallinn, Estonia, 13-15 December, 1995 : abstracts, catalogue 1995 / p. 25

Läänemere avastati üks Euroopa suurimaid naftamaardlaid

Erilaid, Erkki postimees.ee 2025 / lk. 9 <https://majandus.postimees.ee/8291527/millist-ohu-kujutab-laanemeres-avastatud-uks-euroopa-suurimaid-naftamaardlaid-keskkonnale> <https://dea.digar.ee/article/postimees/2025/07/23/6.10>

Merepõhja kattev õlireostus ohustab kalu ja põhjaloomi : [TTÜ meresüsteemide instituudi direktori Jüri Elkeni kommentaaridega]

Käärt, Urve; **Elken, Jüri** Eesti Päevaleht 2006 / 10. veebr., lk. 6 <https://epl.delfi.ee/artikkel/51030463/merepohja-kattev-olireostus-ohustab-kalu-ja-pohjaloomi>

An ocean-wave-trajectory forecasting system for the eastern Baltic Sea : validation against drifting buoys and implementation for oil spill modeling

Pärt, Siim; Björkqvist, Jan-Victor; **Alari, Victor;** Maljutenko, Ilja; **Uiboupin, Rivo** Marine pollution bulletin 2023 / art. 115497, 13 p. : ill <https://doi.org/10.1016/j.marpolbul.2023.115497> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oil spill detection using fluorometric sensors : laboratory validation and implementation to a ferryBox and a moored SmartBuoy

Pärt, Siim; Kankaanpää, Harri; **Björkqvist, Jan-Victor;** **Uiboupin, Rivo** Frontiers in marine science 2021 / art. 778136 : ill <https://doi.org/10.3389/fmars.2021.778136> <https://www.frontiersin.org/articles/10.3389/fmars.2021.778136/full> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On parameterization of emulsification and heat exchange in the hydraulic modelling of oil spill from a damaged tanker in winter conditions

Kollo, Monika; Laanearu, Janek; Tabri, Kristjan Progress in the Analysis and Design of Marine Structures : proceedings of the 6th International Conference on Marine Structures (MARSTRUCT 2017), Lisbon, Portugal, 8-10 May 2017 / p. 43-50 <https://www.taylorfrancis.com/books/e/9781351653411>

An online platform for rapid oil outflow assessment from grounded tankers for pollution response

Tabri, Kristjan; Heinvee, Martin; **Laanearu, Janek; Kollo, Monika;** Goerlandt, Floris Marine pollution bulletin 2018 / p. 963-976 : ill <https://doi.org/10.1016/j.marpolbul.2018.06.039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Operational in situ oil spill detection in the Baltic Sea, using FerryBox system equipped with oil sensor [Online resource]

Kõuts, Tarmo; Pärt, Siim; Vahter, Kaimo Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 169-172 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Operational in situ oil spill detection in the Baltic Sea, using FerryBox system equipped with oil sensor [Online resource]

Kõuts, Tarmo; Pärt, Siim; Vahter, Kaimo International Conference Operational Oceanography Serving Sustainable Marine Development : 3-5 October 2017, Bergen, Norway : book of abstracts 2017 / p. 50 http://eurogoos.imr.no/resources/EuroGOOS_Conference_2017_BoA.pdf

An optimized metamodel for predicting damage and oil outflow in tanker collision accidents

Das, Tanmoy; Goerlandt, Floris; **Tabri, Kristjan** Proceedings of the institution of mechanical engineers, part M: journal of engineering for the maritime environment 2022 / 14 p. : ill <https://doi.org/10.1177/14750902211039659> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Part õlis näitab meile vaivakat ajastut : [õlireostusest Nõva rannas]

Strandberg, Marek Roheline Värav : [Eesti Päevalehe ja Maalehe lisa] 2006 / 10. veebr., lk. 2

The potential of current- and wind-driven transport for environmental management of the Baltic Sea

Soomere, Tarmo; Döös, Kristofer; Lehmann, Andreas Ambio 2014 / p. 94-104 : ill <https://doi.org/10.1007/s13280-013-0486-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Real time in situ oil-spill monitoring using FerryBox system equipped with UV-fluorometer

Pärt, Siim; **Köuts, Tarmo**; **Vahter, Kaimo** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 333 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

SmartResponseWeb

Aps, Robert; Fetissov, Mihail; Jönsson, Anette; **Heinvee, Martin**; Kopti, Madli; **Tabri, Kristjan**; Tönnisson, Hannes The Gulf of Finland assessment 2016 / p. 342 <http://hdl.handle.net/10138/166296>

TalTechi teadlased löid operatiivse õlireostuse ja ujuvate objektide triivisüsteemi prototüübi

keskkonnatehnika.ee 2023 [TalTechi teadlased löid operatiivse õlireostuse ja ujuvate objektide triivisüsteemi prototüübi](#)

Teadlane viiks tankerite tee Soome poole. Naftareostus tagurpidi voolama. Teadlane suunaks laevad meremaanteele : [vestlus TTÜ Küberneetika Instituudi rannikutehnika professori Tarmo Soomerega]

Rajalo, Priit; **Soomere, Tarmo** Postimees 2006 / 25. mai, lk. 1, 2, 5 : ill

Teadlased ja tudengid korjasid õli : [Loode-Eesti rannikul õlireostuse likvideerimisel osalesid ka TTÜ teadlased ja tudengid]

Üliõpilasleht 2006 / 6. veebr., lk. 4

Technology for early detection and drift forecast of the oil spill

Raudsepp, Urmas US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 129

The chemometric approach to identification of residual oil contamination at former primitive asphalt pavement plants

Jurjeva, Jelena; **Koel, Mihkel** Oil shale 2019 / p. 410-430 : ill http://www.kirj.ee/32501/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/oil.2019.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TTÜ töötajad ja tudengid olid abiks õlireostuse likvideerimisel : [Lääne- ja Harjumaal 2. veebr. : lühisõnum]

Õpetajate Leht 2006 / lk. 23

Vabatahtlikult reostuse vastu, ilma poliitikata : [TTÜ vabatahtlikud Nõva kandis õlireostust likvideerimas]

Kallavus, Urve Õpetajate Leht 2006 / 17. veebr., lk. 8 : fot https://artiklid.elnet.ee/record=b1211867*est

Õlireostus jõudis Naissaare lähedale : [kommenteerib TTÜ meresüsteemide instituudi vanemteadur Urmas Raudsepp]

Käärt, Ulvar; **Raudsepp, Urmas** Eesti Päevaleht 2006 / 18. märts, lk. 4 <https://epl.delfi.ee/artikkel/51034352/olireostus-joudis-naissaare-lahedale>

Õlireostus murrab jõudsalt Tallinna lähistel ranna poole : [kommentaar ka TTÜ meresüsteemide instituudi vanemteadurilt Urmas Raudsepalt]

Rajalo, Priit; **Raudsepp, Urmas** Postimees 2006 / 20. märts, lk. 4 <https://www.postimees.ee/1534249/olireostus-murrab-joudsalt-tallinna-lahistel-ranna-poole>

Õlireostus ähvardab Pranglit ja Naissaart : [kommentaar ka TTÜ meresüsteemide instituudi vanemteadurilt Urmas Raudsepalt]

Reinap, Aivar; **Raudsepp, Urmas** Postimees 2006 / 17. märts, lk. 3 <https://www.postimees.ee/1533833/olireostus-ahvardab-pranglit-ja-naissaart>

Õlireostuse mustrid kujunevad seaduspäraselt : [intervjuu Jaan Kalda'ga]

Kalda, Jaan Teadusmõte Küberneetika Instituudis 2010 / lk. 154-155 : portr

Какую угрозу представляет нефтяное месторождение, обнаруженное в Балтийском море?

Erilaid, Erkki [rus.postimees.ee 2025 https://rus.postimees.ee/8291736/kakuyu-ugrozu-predstavlyaet-neftyanoie-mestorozhdenie-obnaruzhennoe-v-baltiyskom-more](https://rus.postimees.ee/8291736/kakuyu-ugrozu-predstavlyaet-neftyanoie-mestorozhdenie-obnaruzhennoe-v-baltiyskom-more)

Катастрофа Балтийского моря – сильнейшее загрязнение [Online resources]

stena.ee 2022 [Катастрофа Балтийского моря – сильнейшее загрязнение](#)

Критерии технико-экономического сравнения средств и методов для ликвидации последствий нефтяных разливов

Nesterova, M.; **Levald, Heino** Экономические проблемы Мирового океана : тезисы докладов всесоюзной конференции, 13-15 сент. 1977 г 1977 / с. 61-63

Метод борьбы с нефтяным загрязнением водоемов и морей

Velner, Harald-Adam; Ott, Roman Материалы VI Всесоюзного симпозиума по современным проблемам самоочищения водоемов и регулирования качества воды, Таллин, 16-18 апреля 1979 года. III Секция, Регулирование качества воды, включая проблемы переброски стока реки Невы. (Часть 1) 1979 / с. 24-25 https://www.ester.ee/record=b1281816*est