

A method of initial search region reduction for acoustic localization in distributed systems

Astapov, Sergei; Berdnikova, Julia; Preden, Jürjo-Sören Proceedings of the 20th International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2013, Gdynia, Poland, June 20-22, 2013 2013 / p. 451-456 : ill

Accumulation of metals and changes in composition of freshwater lake organic sediments during the Holocene

Stankevica, Karina; Vincevica-Gaile, Zane; Klavins, Maris; Kalnina, Laimdota; **Stivrinš, Normunds**; Grudzinska, Ieva; **Kaup, Enn** Chemical geology 2020 / art. 119502, 14 p. : ill <https://doi.org/10.1016/j.chemgeo.2020.119502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Allveerobot Läänemere keskkonnaseireks

Pugal, David; **Listak, Madis** A & A 2005 / 5, lk. 22-31 : ill

Amfiibrobotid aitavad aimu saada veealusest elust

Traks, Kristina novaator.err.ee 2023 [Amfiibrobotid aitavad aimu saada veealusest elust](#) [Robotid aitavad aimu saada veealusest elust](#)

An investigation of image processing techniques for substrate classification based on dominant grain size using RGB images from UAV

Arif, Mohammad Shafi M.; Gülch, Eberhard; **Tuhtan, Jeffrey Andrew**; Thumser, Philipp; Haas, Christian International journal of remote sensing 2017 / p. 2639-2661 : ill <http://dx.doi.org/10.1080/01431161.2016.1249309>

Arupuru rakendamise võimalustest

Preden, Jürjo-Sören; Somelar, Raili Keskkonnatehnika 2010 / 7, lk. 26-28 : ill https://artiklid.elnet.ee/record=b2179782*est

Avati unikaalne keskkonnaseire labor

Mente et Manu 2010 / lk. 2 https://www.ester.ee/record=b1242496*est

Baltic Sea biological effects activity cluster: joint regional activities for an improved assessment of chemical pollution in the marine environment

Lehtonen, Kari K.; Gorokhova, Elena; Rowe, Owen; Pazdro, Ksenia; Barda, Ieva; Alurralde, Roque Gastón; Tairova, Zhanna M.; **Kolesova, Natalja**; Sturve, Joachim; **Kuprijanov, Ivan**; Stankeviciute, Milda; Strode, Evita; Turja, Raisa SETAC Europe 34th Annual Meeting : "Science-Based Solutions in Times of Crisis : Integrating Science and Policy for Environmental Challenges" : book of abstracts 2024 / abs. 4.08.P-Mo363 <https://setac.confex.com/setac/europe2024/meetingapp.cgi/Paper/23793>

Biosensors for environmental monitoring

2019 <https://doi.org/10.5772/intechopen.73763>

Byoyancy control of a semiautonomous underwater vehicle for environmental monitoring in Baltic Sea

Listak, Madis; Kruusmaa, Maarja Proc. of the Int. IEEE Conf. Mechatronics and Robotics 2004 : MechRob'04 : Aachen, Germany, 2004. Vol. 2 2004 / p. 252-257
https://www.researchgate.net/publication/228404776_Buoyancy_Control_of_a_Semiautonomous_Underwater_Vehicle_for_Environmental_Monitoring_in_Baltic_Sea

Carbon aerogel-based solid-phase microextraction coating for the analysis of organophosphorus pesticides

Jõul, Piia; Vaher, Merike; Kuhtinskaja, Maria Analytical methods 2021 / p. 69-76 : ill <https://doi.org/10.1039/D0AY02002H> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate change and the potential effects on runoff and nitrogen losses in the Nordic-Baltic region

Oygarden, Lillian; Deelstra, Johannes; **lital, Arvo** Agriculture, ecosystems and environment 2014 / p. 114-126 : ill

Comparative quantitative structure-activity-activity relationships for toxicity to Tetrahymena pyriformis and Pimephales promelas

Kahn, Iiris; Maran, Uko; Benfenati, Emilio; Netzeva, Tatiana; Schults, T.Wayne; Cronin, Mark ATLA = Alternatives to laboratory animals 2007 / 1, p. 15-24 https://www.researchgate.net/publication/6411335_Comparative_Quantitative_Structure-Activity-Activity_Relationships_for-Toxicity_to-Tetrahymena_pyriformis_and_Pimephales_promelas

Data sets of Baltic Sea resources (Data)

lital, Arvo Towards a blue-green economy in the Baltic Sea Region : the submariner roadmap 2013 / p. 36 : ill

Database of environmental decision support tools

Ivask, Mari; Aruvee, Eve; Piirimäe, Kristjan Transactional environmental support system design : global solutions 2013 / p. 70-96 : ill

Depth-dependent hydraulic roughness and its impact on the assessment of hydropeaking

Kopecki, Iana; Schneider, Matthias; **Tuhtan, Jeffrey Andrew** Science of the total environment 2017 / p. 1597-1605 : ill
<https://doi.org/10.1016/j.scitotenv.2016.10.110>

Design of a semiautonomous biomimetic underwater vehicle for environmental monitoring

Listak, Madis; Martin, G.; Pugal, David; Aabloo, Alvo; Kruusmaa, Maarja Proceedings of the 2005 IEEE International Symposium on Computational Intelligence in Robotics and Automation : CIRA 2005 : Espoo, Finland, 2005 2005 / ? p
<https://ieeexplore.ieee.org/document/1554247>

Design of a transactional environmental support system

Kenward, R. E.; **Piirimäe, Kristjan**; **Ivask, Mari**; **Aruvee, Eve** Transactional environmental support system design : global solutions 2013 / p. 209-245

Development of interactive monitoring system for urban environmental impact assessment of transport system

Pashkevich, Anton; Beliakova, Marina; Ivanov, Alexander; **Purju, Alari** Procedia engineering 2017 / p. 42-52 : ill
<https://doi.org/10.1016/j.proeng.2017.01.058>

Eesti seitsmes kliimaaruanne ÜRO kliimamuutuste raamkonverentsi elluviimise kohta 2017

2017 https://www.ester.ee/record=b2695548*est

Eesti viies kliimaaruanne : ÜRO kliimamuutuste raamkonventsiooni elluviimise kohta

2009 https://www.ester.ee/record=b2695548*est

Enhancing binding properties of imprinted polymers for the detection of small molecules

Ayankojo, Akinrinade George; **Reut, Jekaterina**; **Õpik, Andres**; **Tretjakov, Aleksei**; **Sõritski, Vitali** Proceedings of the Estonian Academy of Sciences 2018 / p. 138–146 : ill <https://doi.org/10.3176/proc.2018.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental engineering

1994 https://www.ester.ee/record=b1067805*est

Environmental performance-driven urban design: parametric design method for the integration of daylight and urban comfort analysis in cold climates

De Luca, Francesco Computer-aided architectural design. "Hello, Culture" : 18th International Conference, CAAD Futures 2019, Daejeon, Republic of Korea, June 26–28, 2019 : selected papers 2019 / p. 15-31 https://doi.org/10.1007/978-981-13-8410-3_2
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Estonia's fifth national communication : under the UN framework convention on climate change

2009

Estonia's fourth national communication : under the UN framework convention on climate change : Estonia, November 2005

2005 https://www.ester.ee/record=b4222739*est

Estonia's seventh national communication : under the United Nations Framework Convention on Climate Change

2017 https://www.ester.ee/record=b1067973*est

Geographic information systems : tool for hazardous spill response in the marine and coastal zone of the Baltic Sea States

Gawecki, Wojtek; Murday, Jeanne R. GIS-Baltic Sea States '93 : exhibition, conference, Tallinn, Estonia, 29 November - 1 December : proceedings 1994 / p. 16-22

Geographic Information Systems: a tool for hazardous spill response in the marine and coastal zone of the Baltic Sea States

Gawecki, Wojtek; Murday, Jeanne R. GIS-Baltic Sea States '93 : exhibition, conference, Tallinn, Estonia, 29 November - 1 December 1993 : abstract book, catalogue 1993 / p. 13

GIS capacity building in Eastern Europe within the United Nations (UNEP-UNITAR)

Simonett, Otto; Langaas, Sindre; Gold, Steven; DeVries, Walter GIS-Baltic Sea States '93 : exhibition, conference, Tallinn, Estonia, 29 November - 1 December : proceedings 1994 / p. 40-46: ill

Guidelines for surface and drainage water quality monitoring in agriculture dominated areas

lital, Arvo; Tattari, Sirkka 2012 http://www.ester.ee/record=b2782045*est

Information system of environmental management in Latvia

Matoshko, Natalija; Veretennikov, Dmitriy GIS-Baltic Sea States '95 : exhibition, conference - Tallinn, Estonia, 13-15 December, 1995 : abstracts, catalogue 1995 / p. 36-37

Introductory chapter: The prospective of biosensing in environmental monitoring

Kivirand, Kairi; Rinken, Toonika Biosensors for environmental monitoring 2019 <https://doi.org/10.5772/intechopen.85981>

Keskkonnaseire jaamade atlas

Mettis, Elle; **Loigu, Enn** 2002 https://www.ester.ee/record=b1606743*est

Keskkonnaseire

Keskkond 1993 1994 / lk. 12-13

Killustiku tootmise füüsikaline keskkonnamõju ja selle seire

Johanson, Jan; Kaljuste, Martin; **Niitlaan, Erki** Killustiku kaevandamine ja kasutamine : [artiklite kogumik] 2008 / lk. 34-39 : ill

Kui palju on Läänemeres ohtlikke aineid? Eesti teadlased annavad ülevaate [Võrguväljaanne]

Künnis-Beres, Kai postimees.ee 2021 ["Kui palju on Läänemeres ohtlikke aineid? Eesti teadlased annavad ülevaate"](https://www.postimees.ee/1700669/laanemerel-hakkab-silma-peal-hoidma-robotkala)

Lightweight assimilation of open urban ambient air quality monitoring data and numerical simulations with unknown uncertainty

Miasayedava, Lizaveta; Kaugerand, Jaanus; Tuhtan, Jeffrey Andrew Environmental modeling & assessment 2023 / p. 961–975
<https://doi.org/10.1007/s10666-023-09909-x>

Lightweight open data assimilation of Pan-European urban air quality

Miasayedava, Lizaveta; Kaugerand, Jaanus; Tuhtan, Jeffrey Andrew IEEE access 2023 / p. 84670–84688 : ill., map
<https://doi.org/10.1109/ACCESS.2023.3302348>

Long-term monitoring of nutrient losses from agricultural catchments in the Nordic–Baltic region – a discussion of methods, uncertainties and future needs

Kyllmar, Katarina; Bechmann, Marianne; **lital, Arvo** Agriculture, ecosystems and environment 2014 / p. 4-12 : ill

Läänemerele hakkab silma peal hoidma robotkala : [TTÜ doktorandi Madis Listaku loodud allveerobotist]

Olesk, Arko; **Listak, Madis** Postimees 2007 / 8. sept., AK, lk. 10 <https://www.postimees.ee/1700669/laanemerel-hakkab-silma-peal-hoidma-robotkala>

Maapinnani jõudva päikese kiirguse muutlikkus ultraviolettpiirkonnas

Eerme, Kalju; Aun, Margit; **Vaštšenko, Aleksei** Kaugseire Eestis 2014 : artiklikogumik 2014 / lk. 156-165 : ill

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

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

Molecularly imprinted polymers interfaced with label-free transducers : towards development of chemosensors for medical diagnostics and environmental monitoring

Sõritski, Vitali SMCBS'2019 : the 9th International Workshop on Surface Modification for Chemical and Biochemical Sensing, Żelechów (near Warsaw), Poland, 8-12 November, 2019 : programme & book of abstracts 2019 / p. 122 : ill
https://www.smcbs2019.pl/_ftp/SMCBS2019_Book_of_abstracts.pdf

Molekulaarselt jälgendatud polümeerid: kaasaegsed biomimeetilised sensormaterjalid meditsiiniliseks diagnostikaks ja keskkonnaseireks

Sõritski, Vitali Eesti Vabariigi preemiad 2023 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus 2023 / Lk. 92-107
<https://doi.org/10.3176/evp.2023.05> https://www.ester.ee/record=b1226072*est

Muraka soostiku ökosüsteemi seireprogramm ja metoodika (1 kd, 21 lk)

Perens, Rein; **Orru, Mall**; Ramst, Rein Eesti Geoloogiakeskuse aastaraamat 2013 2014 / lk. 38-39

My Ocean Baltic Sea Monitoring and Forecasting Centre

Brüning, Thorger; Goldbeck, Inga; Jandt, Simon; **Lagemaa, Priidik** Operational Oceanography for Sustainable Blue Growth : proceedings of the Seventh EuroGOOS International Conference : 28-30 October 2014, Lisbon, Portugal 2014 / p. 33-42 : ill
<http://eurogoos.eu/download/publications/EuroGOOS-2014-Conference-Proceedings.pdf>

Nitrogen application, balances and their effect on water quality in small catchments in the Nordic–Baltic countries

Bechmann, Marianne; Blicher-Mathiesen, Gitte; Kyllmar, Katarina; **lital, Arvo**; Lagzdins, Ainis; Salo, Tapio Agriculture, ecosystems and environment 2014 / p. 104-113 : ill

Nitrogen content and trends in agricultural catchments in Estonia

lital, Arvo; Klõga, Marija; Pihlak, Margus; Pachel, Karin; Zahharov, Andre; **Loigu, Enn** Agriculture, ecosystems and environment 2014 / p. 44-53 : ill

Ocean acidification research in Estonia: challenges and opportunities

Pajusalu, Liina; Dupont, Sam; **Lainela, Silvie**; Martin, Georg Proceedings of the Estonian Academy of Sciences 2019 / p. 22–31 : ill <https://doi.org/10.3176/proc.2019.1.05> http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-22-31.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ohtlike ainete mõju uuringud Eesti rannikumeres ja Soome lahe idaosas

Künnis-Beres, Kai; Kuprijanov, Ivan Horisont 2021 / lk. 28-33 : ill https://www.ester.ee/record=b1072243*est

Open Environmental Data Assimilation Under Unknown Uncertainty and Multiple Spatio-Temporal Scales [Võrguteavik] = Keskkonna avaandmete assimilatsioon tundmatu määramatuse ning erinevate aeg-ruumi skaalade korral

Miasayedava, Lizaveta 2024 https://www.ester.ee/record=b5673370*est <https://digikogu.taltech.ee/et/Item/9084dbfd-dadb-4f0c-b146-781bc6a5c487> <https://doi.org/10.23658/taltech.13/2024>

A Pan-European environmental flow concept

Parasiewicz, Piotr; **Tuhtan, Jeffrey Andrew**; Prus, Pawel; Suska, Katarzyna Riverine landscapes as coupled socio-ecological systems : 6th biennial Symposium of the International Society for River Science : book of abstracts 2019 / p. 108 https://www.bib.irb.hr/1025362/download/1025362.ISRS2019_book_of_abstracts.pdf

Portable coastal operational oceanographic system to monitor the harbor-related environmental impacts in Estonia [Electronic resource]

Elken, Jüri; Kõuts, Tarmo; Raudsepp, Urmas; Sipelgas, Liis Proceedings of the USA-Baltic International Symposium "Advances in Marine Environmental Research, Monitoring and Technologies" : Klaipeda, 15-17 June, 2004 2004 / [6] p. [CD-ROM] <https://ieeexplore.ieee.org/document/7296771>

Rannaprotsesside anatoomia laserskaneerimise skalpelliga

Eelsalu, Maris; Ellmann, Artu; Julge, Kalev; Märdla, Silja; Soomere, Tarmo Kaugseire Eestis 2014 : artiklikogumik 2014 / lk. 47-58 : ill., kaart

Research: Robots assist in gaining glimpse of life underwater

Traks, Kristina news.err.ee 2023 [Research: Robots assist in gaining glimpse of life underwater](https://www.ester.ee/record=b1223619*est)

Seismiline seire. Aruanne riikliku keskkonnaseire allprogrammi "Seismiline seire" täitmisest 2009. aastal" (1 kd, 50 lk)

Soosalu, Heidi Elisabet Eesti Geoloogiakeskuse aastaraamat 2010 2011 / lk. 109-112 : ill

Seismiline seire. Aruanne riikliku keskkonnaseire allprogrammi "Seismiline seire" täitmisest 2011. aastal (1 kd, 34 lk)

Soosalu, Heidi Elisabet Eesti Geoloogiakeskuse aastaraamat 2012 2013 / lk. 99-101 : kaart

Seismiline seire. Aruanne riikliku keskkonnaseire allprogrammi "Seismiline seire" täitmisest 2012. aastal (1 kd, 48 lk)

Soosalu, Heidi Elisabet Eesti Geoloogiakeskuse aastaraamat 2013 2014 / lk. 69-71 : kaart

Seismiline seire. Aruanne riikliku keskkonnaseire allprogrammi "Seismiline seire" täitmisest 2013. aastal (1 kd, 22 lk)

Soosalu, Heidi Elisabet Eesti Geoloogiakeskuse aastaraamat 2013 2014 / lk. 72-73 : kaart

Seismiline seire. Aruanne riikliku keskkonnaseire allprogrammi "Seismiline seire" täitmisest 2016. aastal (1 kd, 52 lk)

Soosalu, Heidi Elisabet Eesti Geoloogiakeskuse aastaraamat 2016 2017 / lk. 79-80 : kaart

Seismiline seire. Aruanne riikliku keskkonnaseire allprogrammi "Seismiline seire" täitmisest 2017. aastal (1 kd, 41 lk)

Soosalu, Heidi Elisabet Eesti Geoloogiakeskuse aastaraamat 2017 2017 / lk. 74-75 : kaart http://www.ester.ee/record=b1223619*est

Sensormaterjalid molekulaarselt jäljendatud polümeeridest meditsiiniliseks diagnostikaks ja keskkonnaseireks

Õpik, Andres; Sõritski, Vitali; Reut, Jekaterina Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 227-237 : ill., fot https://www.ester.ee/record=b5208765*est

Soome lahe keskkonnaseisundi hinnang lähtuvalt merepõhja setetest

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

Spatial data management in the Estonian Monitoring Program

Meiner, Andrus; **Roots, Ott** GIS-Baltic Sea States '95 : exhibition, conference - Tallinn, Estonia, 13-15 December, 1995 : abstracts, catalogue 1995 / p. 38

Strategy and control in environmental protection by cease off work of the uranium industry in Bulgaria

Hadjiev, P.; Hadjiev, A. Environmental Protection Strategy Standardization and Control of Pollution Load on the Marine Environment : 1st International Conference, 20-24 September 1993, Tallinn, Estonia : abstracts 1993 / p. 12

A task-oriented design of a biologically inspired underwater robot

Listak, Madis 2007 http://www.ester.ee/record=b2298234*est

Task-oriented design of an underwater vehicle for environmental monitoring in the Baltic Sea

Listak, Madis; Martin, G.; Pugal, David; Aabloo, Alvo; Kruusmaa, Maarja Proc. of the IWUR2005 International Workshop on Underwater Robotics for Sustainable Management of Marine Ecosystems and Environmental Monitoring : Genoa, Italy, 2005 2005 / ? p

Temporal trends in nitrogen concentrations and losses from agricultural catchments in the Nordic and Baltic countries

Stalnacke, Per; Aakeroy, Paul Andreas; **lital, Arvo** Agriculture, ecosystems and environment 2014 / p. 94-103 : ill

Temporal trends in phosphorus concentrations and losses from agricultural catchments in the Nordic and Baltic countries

Pengerud, Annelene; Stalnacke, Per; **lital, Arvo** Acta agriculturae Scandinavica. Section B, Soil and plant science 2015 / p. 173-185 : ill <http://dx.doi.org/10.1080/09064710.2014.993690>

The impact of environmental regulations on the business model of a maritime supply company - an Estonian case study

Olaniyi, Eunice Omolola; Viirmäe, Marti; Prause, Gunnar Klaus 15th International Entrepreneurship Forum (IEF) Conference : Venice, Italy, 14-16 December, 2016 : conference proceedings. Vol. 2, Research and reflective papers 2016 / p. 60-72 : ill https://www.essex.ac.uk/conferences/ief/documents/15th/conference_proceedings_vol2.pdf

Valuing the benefits of improved marine environmental quality under multiple stressors

Tuhkanen, Heidi; Piirsalu, Evelin; **Nömmann, Tea** Science of the total environment 2016 / p. 367-375 : ill <http://dx.doi.org/10.1016/j.scitotenv.2016.02.011>

Veekaitseuuringud Tallinna Tehnikaülikoolis

Loigu, Enn Teadusmõte Eestis : tehnikateadused 2002 / lk. 63-66