

## **Adaptive equalizer for Mode S receiver**

**Tart, Allan; Trump, Tõnu** 2013 8th International Workshop on Systems, Signal Processing and their Applications (WoSSPA) : 12-15 May, 2013, Algiers, Algeria 2013 / p. 310-315 : ill

## **Application of the LSTM models for Baltic Sea wave spectra estimation**

**Simon, Martin; Rikka, Sander; Nömm, Sven; Alari, Victor** IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 2023 / p. 83-88 : ill <https://doi.org/10.1109/JSTARS.2022.3220882>

## **Applications of marine scatterometer winds and quality aspects of their assimilation into numerical weather prediction model HIRLAM = Skatteromeetri meretuulte rakendused ja kvaliteethinnang nende assimileerimisele numbrilise progoosi mudelisse HIRLAM**

**Služenikina, Jekaterina** 2016 <https://digi.lib.ttu.ee/i/?5158> [https://www.ester.ee/record=b4570254\\*est](https://www.ester.ee/record=b4570254*est)

## **Continuous line void content measurements on Estonian roads with the ground penetrating radar [Electronic resource]**

**Tõnts, Taavi** An IRF Regional Conference and Exhibition : the 25th International Baltic Road Conference : 24-27 August 2003, Vilnius, Lithuania 2003 / ? p. [CD-ROM]

## **Examining the performance of the sentinel-3 coastal altimetry in the Baltic Sea using a regional high-resolution Geoid model**

**Birgiel, Elzbieta; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille** 2018 Baltic Geodetic Congress : BGC Geomatics, Olsztyn, Poland, 21-23 June, 2018 : proceedings 2018 / p. 196–201 : ill <https://doi.org/10.1109/BGC-Geomatics.2018.00043>

## **Geodetic SAR for Baltic height system unification and Baltic Sea level research : final report**

**Gruber, Thomas; Angermann, Detlef; Schlaak, Marius; Oikonomidou, Xanthi; Gisinger, Christoph; Brčić, Ramon; Poutanen, Markku; Marila, Simo; Ellmann, Artu; Varbla, Sander** 2021 [https://www.asg.ed.tum.de/fileadmin/w00cip/iapg/Baltic/SAR-HSU-FR-0022\\_Final\\_Report.pdf](https://www.asg.ed.tum.de/fileadmin/w00cip/iapg/Baltic/SAR-HSU-FR-0022_Final_Report.pdf)

## **GIS for evaluation of environment (in county level) : Skrunda case**

Kalviskis, Karlis; Karss, Girts GIS-Baltic Sea States '95 : exhibition, conference - Tallinn, Estonia, 13-15 December, 1995 : abstracts, catalogue 1995 / p. 20

## **Integreeritud õhukaitse- ja õhutörjesüsteemid**

**Kulmar, Lembit** Ringhääling 2003 : X rahvusvahelise telekommunikatsioonipäeva materjalid 2003 / lk. 15-20 : ill

## **Ionosonde measurements in Bayesian statistical ionospheric tomography with incoherent scatter radar validation**

Norberg, Johannes; Virtanen, Ilkka I.; Roininen, Lassi Atmospheric measurement techniques discussions 2015 / p. 9823-9851 : ill

## **Keskkonnasäästlik radar**

**Müürsepp, Ivo** Keskkonnatehnika 2008 / 7, lk. 37-39 : ill

## **Kosmoseteadlane: venelaste uued satelliidid võivad näha läbi pilvede [Võrguväljaanne]**

Harrik, Airika novaator.err.ee 2022 [Kosmoseteadlane: venelaste uued satelliidid võivad näha läbi pilvede](#)

## **Long term interferometric temporal coherence and DInSAR phase in northern peatlands**

Tampuu, Tauri; Praks, Jaan; **Uiboupin, Rivo**; Kull, Ain Remote Sensing 2020 / Art. 1566 <https://doi.org/10.3390/rs12101566> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

## **Multi-source remote sensing data reveals complex topsoil organic carbon dynamics in coastal wetlands**

Villalada, Miguel; **Sipelgas, Liis**; Bergamo, Tháisa Fernandes; Ward, Raymond D.; Reintam, Endla; Astover, Alar; Kumpula, Timo; Sepp, Kalev Ecological Indicators 2022 / art. 109329 <https://doi.org/10.1016/j.ecolind.2022.109329> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

## **Observation of mesoscale eddies by using SAR data complemented with optical remote sensing and in situ measurements**

**Uiboupin, Rivo; Laanemets, Jaan** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 28

## **Operational wave height monitoring using navigation buoys and marine radars in the Baltic Sea [Online resource]**

**Kõuts, Tarmo; Rikka, Sander; Käärmann, Leo; Usk, Aivar** Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 157-163 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

## **Operational wave height monitoring using navigation buoys and marine radars in the Baltic Sea [Online resource]**

**Kõuts, Tarmo; Rikka, Sander; Käärmann, Leo; Usk, Aivar** International Conference Operational Oceanography Serving Sustainable Marine Development : 3-5 October 2017, Bergen, Norway : book of abstracts 2017 / p. 21 [http://eurogoos.imr.no/resources/EuroGOOS\\_Conference\\_2017\\_BoA.pdf](http://eurogoos.imr.no/resources/EuroGOOS_Conference_2017_BoA.pdf)

**Optical and physical properties of coastal water and their relations to radar (ASAR) data - a case study of Muuga Bay, Gulf of Finland**

**Sipelgas, Liis; Raudsepp, Urmas; Uiboupin, Rivo** Estonian journal of ecology 2008 / 3, p. 185-197 : ill

**Optical and physical properties of coastal water and their relations to radar (ASAR) data - case study of Muuga Bay in the Gulf of Finland**

**Sipelgas, Liis; Raudsepp, Urmas; Uiboupin, Rivo** US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 146

**Optimal digital signal post-processing for primary radar**

**Arro, Ilmar; Kulmar, Lembit; Roosipuu, Pritt** Proceedings of the Estonian Academy of Sciences. Engineering 1999 / p. 187-197  
<https://doi.org/10.3176/eng.1999.3.01> [https://artiklid.elnet.ee/record=b1001720\\*est](https://artiklid.elnet.ee/record=b1001720*est)

**Raadiolokatsioon**

**Riikoja, Helmut Erik** Populaar- ja rakendustehniline kogumik. 2 1949 / lk. 28-33 : ill [https://www.estet.ee/record=b1435798\\*est](https://www.estet.ee/record=b1435798*est)

**Radar remote sensing of meteo-marine parameters in the Baltic Sea = Laine- ja tuuleväljade määramine Läänemeres radarkaugseire andmetest**

**Rikka, Sander** 2019 <https://digi.lib.ttu.ee/i/?12168>

**Radar remote sensing of the meteo-marine parameters in the Baltic Sea [Online resource]**

**Rikka, Sander; Uiboupin, Rivo; Pleskachevsky, Andrey; Alari, Victor; Jacobsen, Sven; Kõuts, Tarmo** 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 139-140 : ill  
[https://www.baltic-earth.eu/publications/IBESPublications/No\\_13\\_Helsingor\\_Proceedings/2ndBalticEarthConferenceProceedings\\_IBESP\\_No13\\_web.pdf](https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf)

**Radar signal postprocessing**

**Roosipuu, Pritt; Arro, Ilmar** Elektronika ir elektrotehnika = Electronics and electrical engineering 2001 / 2, p. 20-24

**Radaritest, tuulegeneraatoritest ja riiklikust julgeolekust**

**Madar, Urve** Grüne 2008 / 6. okt., lk. 3

**Radarkaugseire kasutamine Läänemere lainetuse ja tuuleväljade määramiseks**

**Rikka, Sander; Uiboupin, Rivo; Pleskachevsky, Andrey; Alari, Victor; Jacobsen, Sven; Kõuts, Tarmo** Kaugseire Eestis 2018 : artiklikogumik 2018 / lk. 32-40 : ill [https://kosmos.ut.ee/sites/default/files/kosmos/kaugseire\\_eestis\\_2018.pdf](https://kosmos.ut.ee/sites/default/files/kosmos/kaugseire_eestis_2018.pdf)

**Radiolocation models for maritime radar systems**

**Roosipuu, Pritt** Telekommunikatsioon '98 : rahvusvahelise telekommunikatsioonipäeva konverentsi ettekannete materjalid, 15. mai 1998 1998 / lk. 35-41: ill

**Sea state in the Baltic Sea from space-borne high-resolution synthetic aperture radar imagery**

**Rikka, Sander; Pleskachevsky, Andrey; Uiboupin, Rivo; Jacobsen, Sven** International journal of remote sensing 2018 / p. 1256-1284 : ill <https://doi.org/10.1080/01431161.2017.1399475> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Sea state parameters in highly variable environment of Baltic Sea from satellite radar images**

**Rikka, Sander; Pleskachevsky, Andrey; Uiboupin, Rivo; Jacobsen, Sven** 2017 IEEE International Geoscience & Remote Sensing Symposium : proceedings : July 23-28, 2017, Fort Worth, Texas, USA 2017 / p. 2965-2968 : ill  
<https://doi.org/10.1109/IGARSS.2017.8127621>

**Sidescan sonar with high resolution**

**Gavrijaševa, Alina** BEC 2004 : proceedings of the 9th Biennial Baltic Electronics Conference : October 3-6, 2004, Tallinn, Estonia 2004 / p. 269-272 : ill

**Signal processing in multibeam sonar systems**

**Derkatš, Julia** Proceedings of the conference "Undersea Defense Technology Europe 2005" : June 21-23, 2005, Amsterdam 2005 / p. ?

**Software defined radar**

**Müürsepp, Ivo** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK teise aastakonverentsi artiklite kogumik : 11.-12. mai 2007, Viinistu kunstimuuseum 2007 / lk. 101-103 : ill

**Varkja ilmaradar tooks kaasa pöördumatu tervisekahju**

Kukkela, Anti saarteaal.postimees.ee 2024 [Varkja ilmaradar tooks kaasa pöördumatu tervisekahju](#)

**Wideband digital beamforming in sonar systems = Suunadiagrammide digitaalne formeerimine laiaribalistes sonarsüsteemides**  
Ruuben, Toomas 2009 [https://www.esther.ee/record=b2498198\\*est](https://www.esther.ee/record=b2498198*est)

**Ökoloogiliselt ohutud radarid ja sonarid**

Arro, Ilmar Raadiotehnika 2001 : VIII rahvusvahelise telekommunikatsioonipäeva materjalid 2001 / lk. 31-34 : ill