**Baltic Sea Operational Oceanographic System (BOOS) - a stimulator to Baltic earth system research [Online resource]**
She, Jun; Andersson, Pia; **Kõuts, Tarmo**; Mirawslov, Darecki; Reißmann, Jan Hinrich; Tuomi, Laura 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 10-11 : tab https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

**Baltic Sea operational oceanography — a stimulant for regional earth system research**
She, Jun; Meier, H.E. Markus; Darecki, Miroslaw; Gorringe, Patrick; Huess, Vibeke; **Kõuts, Tarmo**; Reissmann, Jan Hinrich; Tuomi, Laura Frontiers in Earth Science 2020 / art. 7 https://doi.org/10.3389/feart.2020.00007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**BOOS/HIROMB-based marine forecasts in Estonia : problems, experiences and challenges [Electronic resource]**
**Elken, Jüri**; **Kõuts, Tarmo**; **Raudsepp, Urmas**; **Laanemets, Jaan**; **Lagemaa, Priidik** Proceedings of the US/EU Baltic International Symposium "Integrated Ocean Observation Systems for Managing Global & Regional Ecosystems Using Marine Research, Monitoring & Technologies" : Klaipeda, May 23-25, 2006 2006 / [22] p. [CD-ROM]

**Characteristics of cyclones causing extreme sea levels in the northern Baltic Sea**
Post, Piia; **Kõuts, Tarmo** Oceanologia 2014 / p. 241-258 https://doi.org/10.5697/oc.56-2.241 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Characteristics of high-resolution sea ice dynamics in the Gulf of Finland, Baltic Sea**
**Lilover, Madis-Jaak**; **Pavelson, Juss**; **Kõuts, Tarmo**; Leppäranta, Matti Boreal environment research 2018 / p. 175–191 http://www.borenv.net/BER/pdfs/ber23/ber23-175-191.pdf

**Correcting tide gauge series due to land uplift and differences between national height systems of the Baltic Sea countries**
Liibusk, Aive; Kall, Tarmo; **Ellmann, Artu**; **Kõuts, Tarmo** 2014 IEEE/OES Baltic International Symposium : 26-29 May 2014, Tallinn, Estonia : [proceedings] 2014 / [8] p. : ill

**Correcting tide gauge series due to land uplift and differences between national height systems of the Baltic Sea countries**
Liibusk, Aive; Kall, Tarmo; **Ellmann, Artu**; **Kõuts, Tarmo** Measuring and Modeling of Multi-Scale Interactions in the Marine Environment : IEEE/OES Baltic Symposium 2014, May 26.-29.2014, Tallinn, Estonia : book of abstracts 2014 / p. 74

**Eriline loodusnähtus pani Hiiumaa ümbruse mürisema : [kommenteerivad TTÜ teadlased Heidi Soosalu ja Tarmo Kõuts]**
Mikovits, Bianca Maaleht 2014 / lk. 8 https://maaleht.delfi.ee/artikkel/67804919/eriline-loodusnahtus-pani-hiiumaa-umbruse-murisema

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

**Fast ferries as a new key forcing factor in Tallinn Bay**
Soomere, Tarmo; Elken, Jüri; Kask, Jüri; Keevallik, Sirje; Kõuts, Tarmo; **Metsaveer, Jaan**; **Peterson, Pearu** Proceedings of the Estonian Academy of Sciences. Engineering 2003 / 3, p. 220-242 : ill

**Flow, waves and water exchange in the Suur Strait, the Gulf of Riga in 2008**
**Raudsepp, Urmas**; **Laanemets, Jaan**; **Haran, Getli**; **Alari, Victor**; **Pavelson, Juss**; **Kõuts, Tarmo** Oceanologia 2011 / p. 35-56 : ill

**High resolution TSM mapping of dredging operations using automated UAV activated by online in situ measurements : proof on concept**
**Rikka, Sander**; **Kõuts, Tarmo**; **Pärt, Siim**; **Vahter, Kaimo** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 83 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

**High-resolution ice dynamics in the Gulf of Finland**
**Lilover, Madis-Jaak**; **Kõuts, Tarmo**; Leppäranta, Matti The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 17 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

**Hiidlased jättis lõksu veeteede ameti udujutt**
Pärgma, Reet; **Kõuts, Tarmo** Eesti Päevaleht 2018 / lk. 9

**Hydrodynamical and geological investigations of possible deep harbour sites in north-western Saaremaa Island : overview and conclusions**
Elken, Jüri; Kask, Jüri; Kõuts, Tarmo; **Liiv, Uno**; Perens, Rein; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences.

Engineering 2001 / 2, p. 85-98

**Ilmajaam hoiatab tormi ja merevee tõusu eest : [teemakohane märkus ka TTÜ meresüsteemide instituudi vanemteadurilt Tarmo Kõutsilt]**
**Kõuts, Tarmo** Eesti Päevaleht 2006 / 14. dets., lk. 6 https://epl.delfi.ee/artikkel/51068054/ilmajaam-hoiatab-tormi-ja-merevee-tousu-eest

**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

**An integrated approach to coastal and biological observations**
She, Jun; Piniella, Ángel Muñiz; Benedetti-Cecchi, Lisandro; Boehme, Lars; Boero, Ferdinando; Christensen, Asbjorn; Crowe, Tasman; Darecki, Miroslaw; Nogueira, Enrique; Gremare, Antoine; Hernandez, Francisco; **Kõuts, Tarmo** Frontiers in Marine Science 2019 / Art. nr. 314 https://doi.org/10.3389/fmars.2019.00314 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Integrated oil spill response actions and environmental effects –GRACE EU-H2020 project [Online resource]**
**Kõuts, Tarmo**; Truu, Jaak 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. 33 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

**Jäämurdjad askeldavad Soome lahe rüsiväljadel. Tänavune jää tuli hilja, kuid riiki paljaks ei söö : [TTÜ Meresüsteemide Instituudi vanemteaduri Tarmo Kõutsi kommentaaridega]**
Rooväli, Küllike; **Kõuts, Tarmo** Postimees 2005 / 24. märts, lk. 8-9 : ill https://www.postimees.ee/1466519/jaamurdjad-askeldavad-soome-lahe-rusivaljadel

**Kui maismaapiir on lukus, on alternatiiviks meretee**
Ots, Jaano Martin Postimees 2020 / Lk. 17 : portr https://www.ester.ee/record=b1072778*est

**Longitudinal transformation of estuarine transport controlled to mixing controlled nutrient, oxygen and detritus dynamics in the Gulf of Finland**
**Kõuts, Tarmo**; **Raudsepp, Urmas**; **Maljutenko, Ilja** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 200 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

**Lääne-Eestit võib täna öösel tabada viimase aja rängim torm : [TTÜ teadlaste Tarmo Soomere ja Tarmo Kõutsi prognoosidest]**
Naaber, Grete; Rooväli, Küllike; **Soomere, Tarmo**; **Kõuts, Tarmo** Postimees 2008 / 18. jaan., lk. 9 https://ilmajaam.postimees.ee/1749049/laane-eestit-voib-tana-oosel-tabada-viimase-aja-rangim-torm

**Mereteadlane soovitab valmis olla vee uueks pealetungiks : ["Postimehe" küsimustele vastab Tarmo Kõuts]**
**Kõuts, Tarmo** Postimees 2007 / 16. jaan., lk. 5 https://ilmajaam.postimees.ee/1619431/mereteadlane-soovitab-valmis-olla-vee-uueks-pealetungiks

**A method for significant wave height estimation from circularly polarized X-Band coastal marine radar images**
**Rikka, Sander**; **Uiboupin, Rivo**; **Kõuts, Tarmo**; **Vahter, Kaimo**; **Pärt, Siim** IEEE Geoscience and Remote Sensing Letters 2019 / p. 844-848 : ill https://doi.org/10.1109/LGRS.2018.2886631 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Mõõtmised kinnitasid teadlaste prognoosi : [TTÜ meresüsteemide instituudi tormiprognoosi kommenteerib Tarmo Kõuts]**
Mets, Andres; **Kõuts, Tarmo** Pärnu Postimees 2005 / 16. nov., lk. 3 : ill https://parnu.postimees.ee/2123477/mootmised-kinnitasid-teadlaste-prognoosi

**On the nature of low-frequency currents over a shallow area of the southern coast of the Gulf of Finland**
**Lilover, Madis-Jaak**; **Pavelson, Juss**; **Kõuts, Tarmo** Journal of marine systems 2014 / p. 66-75 : ill https://doi.org/10.1016/j.jmarsys.2013.06.008 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**On the relationship between sea ice deformation and ship damages in the Gulf of Finland in winter 2003**
**Pärn, Ove**; Haapala, Jari; **Kõuts, Tarmo**; **Elken, Jüri**; Riska, Kaj Proceedings of the Estonian Academy of Sciences. Engineering 2007 / 3, p. 201-214 : ill

**On the validation of SWAN, a third generation spectral wave model, in Estonian coastal waters**
**Alari, Victor**; **Raudsepp, Urmas**; **Kõuts, Tarmo**; **Vahter, Kaimo** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 183

**Operational in situ oil spill detection in the Baltic sea using FerryBox system equipped with oil sensor**

**Pärt, Siim**; **Kõuts, Tarmo**; **Vahter, Kaimo** 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : Abstract book, 12-15 June 2018, Klaipėda, Lithuania 2018 / p. 51 http://apc.ku.lt/balticvalley/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Sympozium_20180528.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

**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 Eigth 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 monitoring of the surface waters of the Baltic Sea with SOOGuard system**
**Pärt, Siim**; Atamanchuk, Dariia; **Kõuts, Tarmo**; Tengberg, Anders 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. 173
http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

**Operational sea level forecasting in Estonia**
**Lagemaa, Priidik**; **Elken, Jüri**; **Kõuts, Tarmo** Estonian journal of engineering 2011 / p. 301-331 : ill

**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

**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 Eigth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 157-163 : ill
http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf

**Optical detection of wave-induced resuspension of sediments**
**Erm, Ants**; **Kask, Andres**; **Kõuts, Tarmo**; **Soomere, Tarmo** Baltic Sea Science Congress Rostock 2007 : March 19-22, 2007 at Rostock University : abstract volume. Part 1, Lectures 2007 / p. 96 https://kirjandus.geoloogia.info/reference/33069

**A pilot study of hydrodynamical and geological conditions at some possible offshore wind farms in Estonian coastal waters**
**Erm, Ants**; **Alari, Victor**; **Kõuts, Tarmo**; **Lilover, Madis-Jaak**; **Kask, Andres** Proceedings of European Seminar : Offshore Wind and Other Marine Renewable Energies in Mediterranean and European Seas : 21-23 May, Brindisi, Italy 2009 / p. 49-63

**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

**Precise hydrodynamic leveling by using pressure gauges**
Liibusk, Aive; **Ellmann, Artu**; **Kõuts, Tarmo**; Jürgenson, Harli Marine geodesy 2013 / p. 138-163 : ill
https://doi.org/10.1080/01490419.2013.771594 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Pärnu maavanem kutsus rahvast tormi eest pakku : [T.Soomere ja T.Kõutsi kommentaaridega]**
Rooväli, Küllike; **Soomere, Tarmo**; **Kõuts, Tarmo**; **Elken, Jüri** Postimees 2005 / 13. jaan., lk. 3
https://www.postimees.ee/1454547/parnu-maavanem-kutsus-rahvast-tormi-eest-pakku

**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

**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

**Real time in situ oil-spill monitoring using FerryBox system equipped with UV-fluorometer**
**Pärt, Siim**; **Kõuts, 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

**Saaremaa süvasadama võimalike asukohtade hüdrodünaamilised ja geoloogilised uuringud : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööle**
Elken, Jüri; Kask, Jüri; **Kõuts, Tarmo**; **Liiv, Uno**; Soomere, Tarmo Tallinna Tehnikaülikooli aastaraamat 2001 2003 / lk. 193-204

**"Seekordne torm on saja aasta tugevamate killast!"**
Rooväli, Küllike; **Kõuts, Tarmo** Õhtuleht 2015 / lk. 4-5 https://www.ohtuleht.ee/707343/seekordne-torm-on-saja-aasta-tugevamate-killast

**Sub-regional observing and forecast system for the NE Baltic: needs and first results**
**Elken, Jüri**; **Kõuts, Tarmo**; **Lips, Urmas**; **Raudsepp, Urmas**; **Lagemaa, Priidik** US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 38

**Tarmo Kõuts : [Eesti Merendusnõukoja uus president]**
**Kõuts, Tarmo** Paat & Meremees 2015 / lk. 80-81 : fot https://artiklid.elnet.ee/record=b2718650*est

**Teadlased annavad otsepilti merevee tõusust : [TTÜ meresüsteemide instituudi vanemteadur Tarmo Kõuts räägib veetaseme jälgimise online-süsteemist]**
Püüa, Marko; **Kõuts, Tarmo** Postimees 2007 / 12. jaan., lk. 3 https://www.postimees.ee/1618225/teadlased-toodavad-otsepilti-merevee-tousust

**Teaduspreemia tehnikateaduste alal : Saaremaa süvasadama võimalike asukohtade hüdrodünaamiliste ja geoloogiliste uuringute eest : Jüri Elken (kollektiivi juht), Jüri Kask, Tarmo Kõuts, Uno Liiv, Tarmo Soomere**
Elken, Jüri; Kask, Jüri; **Kõuts, Tarmo**; **Liiv, Uno**; Soomere, Tarmo Eesti Vabariigi teaduspreemiad 2002 2002 / lk. 42-53 : fot

**Teeme kiiresti - aeg jookseb**
**Kõuts, Tarmo** Sinine, must ja valge meri 2018 / lk. 26-28 http://www.ester.ee/record=b4907655*est

**Torm vedas ninapidi nii mereteadlasi kui ka arvutiprogramme**
Rooväli, Küllike; **Kõuts, Tarmo** Õhtuleht 2015 / lk. 4-5 https://www.ohtuleht.ee/707544/torm-vedas-ninapidi-nii-mereteadlasi-kui-ka-arvutiprogramme

**Transfer of heights to islands in West-Estonian Archipelago using hydrodynamic levelling**
Liibusk, Aive; **Kõuts, Tarmo**; **Ellmann, Artu** IEEE/OES Baltic 2012 International Symposium 2012 / [8] p. : ill
https://www.researchgate.net/publication/261200033_Transfer_of_heights_to_islands_in_West-Estonian_Archipelago_using_hydrodynamic_levelling

**Transport of sediments resuspended by ferries**
**Erm, Ants**; **Alari, Victor**; **Kõuts, Tarmo** US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 45-46 : ill

**Updated tide gauge records for specifying mean sea level estimates along the Estonian coast**
Kollo, Karin; **Ellmann, Artu**; **Kõuts, Tarmo**; **Vahter, Kaimo** Geophysical research abstracts 2019 / p. EGU2019-15931
https://meetingorganizer.copernicus.org/EGU2019/EGU2019-15931.pdf

**Use of high resolution sea level measurements for height transfer in the West-Estonian archipelago**
Liibusk, Aive; **Ellmann, Artu**; **Kõuts, Tarmo** The 8th International Conference Environmental Engineering : May 19-20, 2011, Vilnius, Lithuania : selected papers. Volume III 2011 / p. 1374-1381 : ill

**Wave height measurement as a secondary function of navigational buoys**
**Moorits, Erkki**; Usk, Aivar; **Kõuts, Tarmo** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kuuenda aastakonverentsi artiklite kogumik : 3.-5. oktoobril 2012, Laulasmaa 2012 / p. 53-57 : ill

**Vesine füüsika : Läänemeri on ainulaadne veekogu maailmas, mida peab ka ainulaadselt mõõtma ja uurima : [intervjuu TTÜ Meresüsteemide Instituudi vanemteaduri Tarmo Kõutsiga ; küsinud Marek Strandberg]**
**Kõuts, Tarmo**; Strandberg, Marek Sirp 2012 / lk. 10-11 : fot https://www.sirp.ee/s1-artiklid/c9-sotsiaalia/vesine-fueuesika/

**Wind forced currents over the shallow Naissaar Bank in the Gulf of Finland**
**Lilover, Madis-Jaak**; **Pavelson, Juss**; **Kõuts, Tarmo** Boreal environment research 2011 / p. 164-174 : ill
https://www.borenv.net/BER/archive/pdfs/ber16/ber16A-164.pdf

**Wind-driven currents over the shallow Naissaare Bank in the Gulf of Finland**
**Lilover, Madis-Jaak**; **Pavelson, Juss**; **Kõuts, Tarmo** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 166

**Üleujutuste ennustamine muutub lähiajal täpsemaks ja kiiremaks : [Tarmo Kõutsi kommentaariga]**
Käärt, Ulvar; **Kõuts, Tarmo** Eesti Päevaleht 2005 / 16. nov., lk. 6