

An investigation of anticyclonic circulation in the southern Gulf of Riga during the spring period

Soosaar, Edith; Maljutenko, Ilja; Raudsepp, Urmas; Elken, Jüri Continental shelf research 2014 / p. 75-84 : ill

<https://doi.org/10.1016/j.csr.2014.02.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of the Gulf of Finland circulation patterns in relation to forcing

Elken, Jüri; Lagemaa, Priidik; Nõmm, Marden BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 118

Assimilation of observed sea surface temperature and salinity, using subregional EOF patterns from models

Zujev, Mihhail; Elken, Jüri; Lagemaa, Priidik 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. 65 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Atmosfääri ja mere dünaamika

Elken, Jüri; Männik, Aarne; Rõõm, Rein Teadusmõte Eestis : täppisteadused : [artiklikogumik] 2006 / lk. 119-126 : ill

https://www.ester.ee/record=b2230239*est

Atmospheric forcing controlling inter-annual nutrient dynamics in the open Gulf of Finland

Lehtoranta, Jouni; Savchuk, Oleg P.; **Elken, Jüri** Journal of marine systems 2017 / p. 4-20 : ill

<https://doi.org/10.1016/j.jmarsys.2017.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Baltic Sea could be used to heat homes in future

news.err.ee 2024 [Baltic Sea could be used to heat homes in future](#)

BONUS : Läänemere uuringute ühisprogramm alustas esimese taotlusvooruga

Elken, Jüri Eesti Teadusfondi aastaraamat 2007 2008 / lk. 38 : fot

BONUS : the joint Baltic Sea research programme began its first application phase

Elken, Jüri Estonian Science Foundation 2007 2008 / p. 38 : fot

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]

Circulation patterns in the Gulf of Finland derived from the EOF analysis of model results

Elken, Jüri; Nõmm, Marden; Lagemaa, Priidik Boreal environment research 2011 / p. 84-102 : ill

Currents

Elken, Jüri Encyclopedia of marine geosciences 2016 / p. 139-142 : tab https://doi.org/10.1007/978-94-007-6238-1_158

Data assimilation of sea surface temperature and salinity using basin-scale reconstruction from empirical orthogonal functions : a feasibility study in the northeastern Baltic Sea

Zujev, Mihhail; Elken, Jüri; Lagemaa, Priidik Ocean science 2021 / p. 91–109 : ill <https://doi.org/10.5194/os-17-91-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of data assimilation for numerical forecasts in Estonian marine areas = Eesti merealade prognoosisüsteemi arendamine vaatlusandmete assimileerimise abil

Zujev, Mihhail 2021 https://www.ester.ee/record=b5436054*est <https://digikogu.taltech.ee/et/Item/51c555c7-9658-4e49-b543-3c77a6c1cf19> <https://doi.org/10.23658/taltech.35/2021>

Does internally generated hydrodynamic noise matter in the Baltic Sea?

Storch, Hans von; Omstedt, Anders; **Elken, Jüri** 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 170-171 : ill ["proceedings"](#)

Eessõna

Elken, Jüri; Lips, Urmas; Keevallik, Sirje; Lips, Inga; Raudsepp, Urmas Füüsikaline okeanograafia. Läänemeri [Võrguteavik] 2024 / lk. 7-8 https://www.ester.ee/record=b5685380*est <https://digikogu.taltech.ee/et/Item/795174de-f66a-4cfd-9147-9fcae292bfb0>

Eesti viies kliimaruanne : ÜRO kliimamuutuste raamkonventsiooni elluviimise kohta

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

Effects of wind regime shift on sediment transport in small bays of non-tidal seas

Elken, Jüri; Soomere, Tarmo The Baltic : The Eighth Marine Geological Conference : September 23-28, 2004, Tartu, Estonia :

Estonia's fifth national communication : under the UN framework convention on climate change
2009

Estuarine circulation reversals and related rapid changes in winter near-Bottom oxygen conditions in the Gulf of Finland, Baltic Sea

Liblik, Taavi; Laanemets, Jaan; Raudsepp, Urmas; Elken, Jüri; Suhhova, Irina Ocean Science 2013 / p. 917 - 930

<https://doi.org/10.5194/os-9-917-2013> [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 regime before and during upwelling event in the western Gulf of Finland

Pavelson, Juss; Elken, Jüri; Laanemets, Jaan; Huttula, Timo; Purokoski, Tero BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 161

Fronts in the Baltic Sea : a review with a focus on its North-Eastern Part

Suursaar, Ülo; **Elken, Jüri;** Belkin, Igor M. The Handbook of Environmental Chemistry 2022 / p. 1-39

https://doi.org/10.1007/698_2021_813 [Article Collection metrics at Scopus](#) [Article at Scopus](#)

Füüsikaline okeanograafia. Läänemeri [Võrguteavik]

Elken, Jüri; Lips, Urmas; Keevallik, Sirje; Lips, Inga; Raudsepp, Urmas 2024 https://www.ester.ee/record=b5685380*est

<https://digikogu.taltech.ee/et/Item/795174de-f66a-4cfd-9147-9fcae292bfb0>

Füüsikaline okeanograafia. Läänemeri

Elken, Jüri; Lips, Urmas; Keevallik, Sirje; Lips, Inga; Raudsepp, Urmas 2018 https://www.ester.ee/record=b5158569*est

Gaasijuhe : salastatud loodusriskid?

Elken, Jüri Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 358-360

Gaasijuhe : salastatud loodusriskid? : [Vene-Saksa gaasijuhtme rajamisest Läänemerre]

Elken, Jüri Eesti Päevaleht 2005 / 29. nov., lk. 3 <https://epi.delfi.ee/artikkel/51024860/juri-elken-gaasijuhe-salastatud-loodusriskid>

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

Increased frequency of wintertime stratification collapse events in the Gulf of Finland since the 1990s

Elken, Jüri; Raudsepp, Urmas; Laanemets, Jaan; Passenko, Jelena; Maljutenko, Ilja; Pärn, Ove; Keevallik, Sirje Journal of marine systems 2014 / p. 47-55 : ill <https://doi.org/10.1016/j.jmarsys.2013.04.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Introduction to the Chemical Oceanography of Frontal Zones

Belkin, Igor M.; Aliani, Stefano; Alkire, Matthew B.; Badewien, Thomas H.; Berta, Maristella; Durán Gómez, Gloria Silvana; Eliassen, Solva Karadottir; **Elken, Jüri;** Griffa, Annalisa; Suursaar, Ülo The Handbook of Environmental Chemistry 2022 / p. 1-23

https://doi.org/10.1007/698_2022_894 [Article Collection metrics at Scopus](#) [Article at Scopus](#)

Katsetusel võib merre sattuda ohtlikku vett : [TTÜ teadlase Jüri Elkeni kommentaar seoses gaasitoru plaanitava paigaldamisega Läänemerre]

Jõgis-Laats, Jan; **Elken, Jüri** Eesti Päevaleht 2008 / 22. jaan., lk. 5

Kosmosest merele vaadates ehk mida sealt on näha ja mis on peidetud

Elken, Jüri Horisont 2013 / lk. 50-55 : ill https://artiklid.elnet.ee/record=b2618320*est

Külm on Läänemereest juba veerandi jääteki alla surunud

Raudvere, Rein-Erich maaleht.ee 2024 [Külm on Läänemereest juba veerandi jääteki alla surunud](#)

Loodus- ja keskkonnamiskid : Tallinna Tehnikaülikooli panus Eesti Vabariigi turvalisusse : kõne Eesti Vabariigi 88. aastapäeva aktusel 22. veebruaril 2006 TTÜ aulas

Elken, Jüri Tallinna Tehnikaülikooli aastaraamat 2006 2007 / lk. 308-312

Lugemiselamus : [Kalle Muuli "Vabariigi sünnimärgid"]

Elken, Jüri Horisont 2014 / lk. 61 https://artiklid.elnet.ee/record=b2681860*est

Lähipäevil uut tormi ei tule

Elken, Jüri; Nöges, Krõõt Põhjarannik 2013 / lk. 2 : fot

Läänemere eksperiment BALTEX ja selle V teaduskonverents Kuressaares [4.-8. juunil 2007]

Elken, Jüri; Keevallik, Sirje Tallinna Tehnikaülikooli aastaraamat 2007 2008 / lk. 362-364. (Konverentsimuljeid)

Läänemere ilmaennustaja Jüri Elken

Olesk, Arko; **Elken, Jüri** Postimees 2013 / lk. 5 <https://www.postimees.ee/1129388/laanemere-ilmaennustaja-juri-elken>

Läänemere veekonveier: kas "korsten" paikneb Soome lahe suudmes?

Elken, Jüri Tartu Ülikooli Ilmade Observatooriumi 140. juubeli konverentsi ettekanded 2006 / lk. 74-84 : ill

https://dSPACE.ut.ee/bitstream/handle/10062/54988/Metobs_140.pdf

Läänemeri : mida temast teame ning mida teada tahame? : [intervjuu TTÜ Meresüsteemide Instituudi juhi Jüri Elkeniga]

Elken, Jüri Horisont 2014 / lk. 22-27 : ill https://artiklid.elnet.ee/record=b2681621*est

Merehoovuste trikid : termohaliinne veeringe kui võimalik režiimihete põhjustaja

Elken, Jüri Horisont 2009 / 1, lk. 42-44 : ill https://artiklid.elnet.ee/record=b1069489*est

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>

Modeling submesoscale processes in the gulf of finland - case scenario upwelling events in the summer 2006

Väli, Germo; Zhurbas, Victor; Laanemets, Jaan; Lips, Urmas; Elken, Jüri 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. 82

http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Observatory for the coastal zone environment : RTD infrastructure project 2007-2009

Elken, Jüri 2010 http://www.ester.ee/record=b2594498*est

Observed flow variability along the thalweg, and on the coastal slopes of the Gulf of Finland, Baltic Sea

Lilover, Madis-Jaak; Elken, Jüri; Suhhova, Irina; Liblik, Taavi Estuarine, coastal and shelf science 2017 / p. 23-33 : ill

<https://doi.org/10.1016/j.ecss.2016.11.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the possibility of convective overturning in the Slupsk Furrow overflow of the Baltic Sea

Zhurbas, Victor; Elken, Jüri; Paka, Vadim; Piechura, Jan; Chubarenko, Irina; Väli, Germo; Golenko, Nikolay; Shchuka, Sergey Oceanologia 2011 / p. 771-791 : ill <https://www.sciencedirect.com/science/article/pii/S0078323411500235>

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

Operational forecasting in Estonian marine waters = Operatiivne prognoos Eesti merealadel = Operatiivne prognoos Eesti merealadel

Lagemaa, Priidik 2012 https://www.ester.ee/record=b2777290*est

Operational sea level forecasting in Estonia

Lagemaa, Priidik; Elken, Jüri; Kõuts, Tarmo Estonian journal of engineering 2011 / p. 301-331 : ill

Pathways of suspended particles released in the bottom boundary layer of the Bornholm Deep, Baltic Sea (numerical simulations)

Zhurbas, Victor; Elken, Jüri; Väli, Germo US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 171

Pathways of suspended particles transport in the bottom layer of the southern Baltic Sea depending on the wind forcing (numerical simulations)

Zhurbas, Victor; Elken, Jüri; Väli, Germo; Kuzmina, Natalia; Paka, Vadim Oceanologia 2010 / p. 841-854

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 / [6] p. [CD-ROM]
<https://ieeexplore.ieee.org/document/7296771>

Proceedings of the Estonian Academy of Sciences. Engineering
2001

Progress in physical oceanography of the Baltic Sea during the 2003-2014 period

Omstedt, Anders; **Elken, Jüri**; Lehmann, Andreas; Leppäranta, Matti; Meier, H.E. Markus; Myrberg, Kai; Rutgersson, Anna Progress in Oceanography 2014 / p. 139-171 : ill <https://doi.org/10.1016/j.pocean.2014.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pärnakad võivad tormiga rahulikult magada : [intervjuu Jüri Elkeniga]

Elken, Jüri; Mets, Andres Pärnu Postimees 2005 / 20. det., lk. 2 <https://parnu.postimees.ee/2125145/intervjuu-parnakad-voivad-tormiga-rahulikult-magada>

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>

Recent changes in Baltic Sea oceanographic conditions, with some effects to the ecosystem status

Elken, Jüri; Lehmann, Andreas; Myrberg, Kai 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. 34 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Recent regime of persistent hypoxia in the Baltic Sea

Kõuts, Mariliis; **Maljutenko, Ilja**; **Elken, Jüri**; Liu, Ye; Raudsepp, Urmas Environmental Research Communications 2021 / 1-17 p
<https://doi.org/10.1088/2515-7620/ac0cc4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstructing sea surface temperature and salinity fields in the northeastern Baltic from observational data, based on sub-regional Empirical Orthogonal Function (EOF) patterns from models

Elken, Jüri; **Zujev, Mihhail**; **Lagemaa, Priidik** 2018 IEEE/OES Baltic International Symposium (BALTIC 2018) : Klaipeda, Lithuania 12 - 15 June 2018 2018 / p. 38-45 : ill <https://doi.org/10.1109/BALTIC.2018.8634845>

Reconstructing sea surface temperature and salinity fields in the Northeastern Baltic from observational data, based on subregional EOF patterns from models

Elken, Jüri; **Zujev, Mihhail**; **Lagemaa, Priidik** 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. 28 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Reconstruction of Baltic gridded sea levels from tide gauge and altimetry observations using spatiotemporal statistics from reanalysis

Elken, Jüri; **Barzandeh, Amirhossein**; **Maljutenko, Ilja**; **Rikka, Sander** Remote sensing 2024 / art. 2702
<https://doi.org/10.3390/rs16152702>

Reconstruction of large-scale sea surface temperature and salinity fields using sub-regional EOF patterns from models

Elken, Jüri; **Zujev, Mihhail**; She, Jun; **Lagemaa, Priidik** Frontiers in earth science 2019 / art. 232, 20 p. : ill
<https://doi.org/10.3389/feart.2019.00232> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Sea ice deformation events in the Gulf of Finland and their impact on shipping = Merejää deformatsioonid Soome lahes ning nende mõju laevaliiklusele

Pärn, Ove 2011

Seasonal features of marine data assimilation using satellite SST products from Copernicus Marine Service

Zujev, Mihhail; **Elken, Jüri** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 208 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Sigma-koordinaat ja enesesarnasus : [Rein Tamsalut meenutades]

Elken, Jüri Eesti Geograafia Seltsi aastaraamat = Year-book of the Estonian Geographical Society. 41. kd 2016 / lk. 182-184
http://ise.elnet.ee/record=b2885039~S2*est https://www.ester.ee/record=b1237665*est

Simulated halocline variability in the Baltic Sea and its impact on hypoxia during 1961-2007

Väli, Germa; Meier, H. E. Markus; **Elken, Jüri** Journal of Geophysical Research: Oceans 2013 / p. 6982 - 7000
<https://doi.org/10.1002/2013JC009192> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simulation of mesoscale structure of a coastal upwelling event and related nutrient transport in the southern Gulf of Finland

Väli, Germa; Zhurbas, Victor; Elken, Jüri; Lips, Inga; Lips, Urmas; Laanemets, Jaan BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 42

Simulation of mesoscale structures and nutrient transport during summer upwelling events in the Gulf of Finland in 2006

Laanemets, Jaan; Väli, Germa; Zhurbas, Victor; Elken, Jüri; Lips, Inga; Lips, Urmas Boreal environment research 2011 / p. 15-26 : ill

https://www.researchgate.net/publication/244486520_Simulation_of_mesoscale_structures_and_nutrient_transport_during_summer_upwelling_events_in_the_Gulf_of_Finland_in_2006

Simulation of nutrient transport from different depths during an upwelling event in the Gulf of Finland

Väli, Germa; Zhurbas, Victor; Laanemets, Jaan; Elken, Jüri Oceanologia 2011 / p. 431-448 : ill

<https://www.sciencedirect.com/science/article/pii/S0078323411500491>

Statistics of deep estuarine circulation vs reverse estuarine circulation in the Gulf of Finland

Lilover, Madis-Jaak; Elken, Jüri; Suhhova, Irina; Liblik, Taavi 1st Baltic Earth Conference Multiple Drivers for Earth System

Changes in the Baltic Sea Region : Nida, Curonian Spit, Lithuania, 13-17 June 2016 : conference proceedings 2016 / p. 21-22 : ill

http://www.baltic-earth.eu/events/nida2016/material/BalticEarth_Nida2016_Proceedings.pdf

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

Teadlased: tulevikus tõuseb Läänemere veetase meetrijagu : [TTÜ Meresüsteemide Instituudi direktor Jüri Elken

Läänemere ümbruse kliimasoojenemise modeluuringute projektist]

Käärt, Ulvar; **Elken, Jüri** Eesti Päevaleht 2007 / 9. märts, lk. 4 <https://www.err.ee/455616/teadlased-tulevikus-touseb-laanemere-veetase-meetri-jagu>

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

Tehnikaülikooli teadlased näevad soojusenergia allikana Läänemerd

Elektriala 2024 / lk. 9 : fot https://www.ester.ee/record=b1240496*est

Tehnikaülikooli teadlased: Tallinna lahest saaks energiat ammutada soojuspumpadega, aga sellega kaasneb mitu probleemi

rohe.geenius.ee novaator.err.ee 2024 [Tehnikaülikooli teadlased: Tallinna lahest saaks energiat ammutada soojuspumpadega, aga sellega kaasneb mitu probleemi](#) Eesti teadlased soovivad tube kütta Läänemerest välja pumbatava soojusega Läänemeri võib tulevikus kodud soojaks kütta

Tehnikaülikooli teadlaste uus meetod aitab täpsustada rannikumere prognoosimudeleid [Võrguväljaanne]

novaator.err.ee 2020 / fot [Tehnikaülikooli teadlaste uus meetod aitab täpsustada rannikumere prognoosimudeleid](#)

Testing marine data assimilation in the northeastern Baltic using satellite SST products from the Copernicus Marine Environment Monitoring Service

Zujev, Mihhail; Elken, Jüri Proceedings of the Estonian Academy of Sciences 2018 / p. 217-230 : ill

<https://doi.org/10.3176/proc.2018.3.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TTÜ arengukonverents 8. juuni 2011 : ettekannete põhiteesid

Truve, Erkki; Tammemäe, Kalle; Varrak, Tea; Öpik, Andres; Jervan, Gert; Lopp, Margus; Elken, Jüri; Kattel, Rainer;

Keerbergh, Anne Mente et Manu 2011 / lk. 5 https://www.ester.ee/record=b1242496*est

Tuul puhus meie sooja suplusvee Soome randa! : [kommentaar TTÜ teadurilt Jüri Elkenilt]

Teder, Teet; **Elken, Jüri** Õhtuleht 2014 / lk. 5 <https://www.ohuleht.ee/590502/tuul-puhus-meie-sooja-suplusvee-soome-randa>

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

2008 http://www.ester.ee/record=b2373647*est

Using model-based sub-regional EOF patterns to reconstruct temperature and salinity fields from observations [Online resource]

Elken, Jüri; Zujev, Mihhail 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 :

conference proceedings 2018 / p. 18-19 : ill [https://www.baltic-](https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf)

[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)

Variability of low-frequency currents in the Gulf of Finland

Lilover, Madis-Jaak; Elken, Jüri 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. 54 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Vene-Saksa gaasijuhe : [TTÜ meresüsteemide instituudi direktori Jüri Elkeni kommentaar]

Käärt, Ulvar; **Elken, Jüri** Eesti Päevaleht 2007 / 12. apr., lk. 4

Villu Astok - mereteadlane, kes uuris hoovuseid ja muudki

Elken, Jüri Eesti Geograafia Seltsi aastaraamat = Yearbook of the Estonian Geographical Society. 42. kd 2017 / lk. 245-248
https://www.ester.ee/record=b1237665*est

Wintertime reversals of estuarine circulation and related changes in oxygen and nutrient conditions in the Gulf of Finland

Lips, Urmas; Laanemets, Jaan; Elken, Jüri; Lips, Inga; Liblik, Taavi; Raudsepp, Urmas; Suhhova, Irina; Buschmann, Fred; Suursaar, Ülo 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. 94 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Ülikooli asutused : [TTÜ Geoloogia Instituut ; TTÜ Küberneetika Instituut ; TTÜ Meresüsteemide Instituut ; TTÜ Kuressaare Kolledž ; TTÜ Tartu Kolledž ; TTÜ Tehnomeedikum ; TTÜ Sertifitseerimisasutus]

Soesoo, Alvar; Penjam, Jaan; Elken, Jüri; Keerberg, Anne; Nei, Lembit; Meigas, Kalju; Laur, Toomas Tallinna Tehnikaülikooli aastaraamat 2008 2009 / lk. 314-327

Ülikooli asutused : [TTÜ Geoloogia Instituut ; TTÜ Küberneetika Instituut ; TTÜ Meresüsteemide Instituut ; TTÜ Kuressaare Kolledž ; TTÜ Tartu Kolledž ; TTÜ Tehnomeedikum ; TTÜ Sertifitseerimisasutus]

Soesoo, Alvar; Penjam, Jaan; Elken, Jüri; Nei, Lembit; Keerberg, Anne; Meigas, Kalju; Laur, Toomas Tallinna Tehnikaülikooli aastaraamat 2007 2008 / lk. 297-310

Ülikooli asutused : [TTÜ Geoloogia Instituut ; TTÜ Küberneetika Instituut ; TTÜ Meresüsteemide Instituut ; TTÜ Säästva Tehnoloogia Instituut ; TTÜ Kuressaare Kolledž ; TTÜ Tehnomeedikum ; TTÜ Sertifitseerimisasutus]

Soesoo, Alvar; Penjam, Jaan; Elken, Jüri; Nei, Lembit; Keerberg, Anne; Meigas, Kalju; Laur, Toomas Tallinna Tehnikaülikooli aastaraamat 2006 2007 / lk. 276-290 https://artiklid.elnet.ee/record=b1021004*est