

Abatement of CO2 emissions in Estonian oil shale-based power production

Uibu, Mai 2008 <https://digi.lib.ttu.ee/i/?291> https://www.ester.ee/record=b2449493*est

Abatement of CO2 emissions in Estonian oil shale-based power production : Mai Uibu defence of the doctoral thesis

Oil shale 2009 / p. 96 https://www.kirj.ee/public/oilshale_pdf/2009/issue_1/oil-2009-1-news-3.pdf

Analysis of greenhouse gas emissions from Estonian oil shale based energy production processes. Life cycle energy analysis perspective

Siirde, Andres; Eldermann, Meelis; Rohumaa, Priit; **Gušča, Julija** Oil shale 2013 / p. 268-282 : ill

https://artiklid.elnet.ee/record=b2631747*est <https://doi.org/10.3176/oil.2013.2S.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application and elaboration of accounting approaches for sustainable development = Jätkusuutliku arengu arvestusmeetodite arendamine ja rakendamine

Gavrilova, Olga 2012 <https://digi.lib.ttu.ee/i/?788>

BONUS INTEGRAL : improved biogeochemical monitoring and greenhouse gas flux assessment for the Baltic Sea through high resolution trace gas data acquisition [Online resource]

Rehder, Gregor; Rutgersson, Anna; Laakso, Lauri; Kulinski, Karol; **Lips, Urmas** 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 59-60 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Capture-transport-storage scenario of CO2 emissions produced by oil-shale-based energy industry of Estonia

Šogenova, Alla; Šogenov, Kazbulat; Pomeranceva, Raisa; Neele, Filip; Hendriks, Chris International Oil Shale Symposium :

Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 54-55

http://www.ester.ee/record=b4775098*est

Carbon emissions of construction operations in a cold climate

Pikas, Ergo; Lõhmus, Rauno; **Koskela, Lauri Jaakko;** Tetik, Müge; **Vendel, Kādi-Riin** Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1063-1073 <https://doi.org/10.24928/2024/0228>

CO2 jalajälje andmebaasil on veel arenguruumi

Vilk, Urve Ehitaja 2024 / lk. 32-34 : fot https://www.ester.ee/record=b1072123*est https://artiklid.elnet.ee/record=b2909894*est

A coupled inductor-based SSCB with reduced components for DC microgrid protection

Pithanisetty, Prasanth; Dsa, Daniel; Banavath, Satish Naik; **Carvalho, Edivan Laercio;** De Carne, Giovanni; **Vinnikov, Dmitri** IEEE transactions on power electronics 2025 / p. 11428-11441 <https://doi.org/10.1109/TPEL.2025.3551740> [Article at Scopus](#)

Decarbonizing city water traffic : case of comparing electric and diesel-powered ferries

Otsason, Riina; Tapaninen, Ulla Pirita Sustainability 2023 / art. 16170 <https://doi.org/10.3390/su152316170> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Decreasing shipping's greenhouse gas emissions

Tapaninen, Ulla Pirita 2023 <https://doi.org/10.4135/9781529616804>

Eesti hooned liiguvad heitevabade standardite suunas

ehitusuudised.ee 2025 <https://www.ehitusuudised.ee/uudised/2025/06/11/eesti-hooned-liiguvad-heitevabade-standardite-suunas>

Eesti viies kliimaruanne : ÜRO kliimamuutuste raamkonventsiooni elluviimise kohta

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

Eestist võib saada hoopis «süsiniku käejälje maailmariik»

Tapaninen, Ulla Pirita Postimees 2024 / Lk. 13 [Eestist võib saada hoopis «süsiniku käejälje maailmariik»](https://dea.digar.ee/article/postimees/2024/06/18/11.7)

<https://dea.digar.ee/article/postimees/2024/06/18/11.7>

Energeetika ja kütuste tulevik ehk Viiekümne viiendaks vormi

Niidu, Allan Sirp 2022 / lk. 6-7 : fot ["Energeetika ja kütuste tulevik ehk Viiekümne viiendaks vormi "](#)

Estonia

Reihan, Alvina PROMITHEAS-4 : Knowledge transfer and research needs for preparing mitigation/adaptation policy portfolios : fact sheet - October 2013 2013 / [4] p. : ill

Estonia in the system of global climate change

1996 https://www.ester.ee/record=b1057536*est

Estonian energy system and emissions modelling using markal model

Esop, Markko-Raul; Liik, Olev; Valdma, Mati; Landsberg, Mart Economics of greenhouse gas limitations : country study series : Estonia 1999 / p. 127-168: ill

Estonia's energy-related greenhouse gas emissions in 1995-2011 : a structural decomposition analysis

Gavrilova, Olga; Vilu, Raivo Review of economics & finance 2015 / p. 67-84 : ill <http://www.bapress.ca/ref/ref-article/1923-7529-2015-01-67-18.pdf>

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

From waste to traffic fuel (W-Fuel)

Kask, Ülo; Andrijevskaja, Janita; Kask, Livia; Heinla, Priit; Hüüs, Meeli; Kallaste, Tiit; Laur, Anton; **Menert, Anne; Pädam, Sirje-Ilona;** Rasi, Saija; Heino, Erja; Ahonen, Saana; Martinen, Sanna; Aro-Heinilä, Esa; Teerioja, Nea 2012

https://www.ester.ee/record=b2933097*est

GHG emission trading implications on energy sector in Baltic States

Streimikene, Dalia; **Roos, Inge** Renewable & sustainable energy reviews 2009 / 4, p. 854-862 : ill

Greenhouse gas emission reduction perspectives in the Baltic States in frames of EU energy and climate policy

Roos, Inge; Soosaar, Sulev; Volkova, Anna; Streimikene, Dalia Renewable & sustainable energy reviews 2012 / p. 2133-2146 : ill

<https://www.sciencedirect.com/science/article/pii/S1364032112000147>

Impact of oil shale use on greenhouse gas emission projections from energy sector in Estonia

Roos, Inge; Soosaar, Sulev; Terno, Olaf International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 52-53 http://www.ester.ee/record=b4775098*est

Integrated energy return on investment calculation model. Case study of oil shale derived motor fuel production industry

Gušča, Julija; Eldermann, Meelis; Siirde, Andres Proceedings of the 2nd International Conference on Energy & Environment: Bringing Together Engineering and Economics 2015 / 286-292

Kas alternatiivenergeetika kasutamine väldib kliima soojenemist?

Raukas, Anto Õpetajate Leht 2008 / 4. apr., lk. 24 : ill https://artiklid.elnet.ee/record=b2380050*est

Kasvuhooonegaasid ja nende bilanss Eestis

Karindi, A. XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 47-49

Kasvuhooonegaaside emissioon energeetika sektorist

Roos, Inge Kümme aastat Eesti Soojustehnikainseneride Seltsi 2000-2010 2010 / lk. 37-41 : ill

Kasvuhooonegaaside mõju leevendamise võimalused energeetikas

Liik, Olev Kliima muutus ja selle mõju prognoos : Eesti Teaduste Akadeemia seminari materjalid : 26.10.2001 2001 / lk. 57-68 : ill

Keskkonnahoidlik põllumajandus tasub ära : Kristjan Piirimäed usutlenud Juhan Javoiš

Piirimäe, Kristjan; Javoiš, Juhan Eesti Loodus 2011 / 2, lk.37-39 : ill https://artiklid.elnet.ee/record=b2270189*est

Kliimaeesmärkide saavutamiseks vajalike olulisimate turbasektori lisameetmete makro- ja sotsiaalmajanduslike mõjude hindamine Kliimaministeeriumile : lõpparuanne

Hein-Sula, Heili; Amon, Leeli; Merisaar, Jaana; Hurt, Ulrika; Küttim, Martin; Orru, Mall; Tuisk, Tarmo; Kull, Margit 2024

<https://kliimaministeerium.ee/sites/default/files/documents/2024-12/Turbasektori>

Konist: Eesti peaks kiirendama kasvuhooonegaaside vähendamist, aga kuidas?

Konist, Alar err.ee 2024 [Konist: Eesti peaks kiirendama kasvuhooonegaaside vähendamist, aga kuidas?](https://konist.eesti-peakas-kiirendama-kasvuhooonegaaside-vahendamist-aga-kuidas/)

Kui võimas ilmataat on inimene? : [artiklis ka TTÜ professori Rein Vaikmäe kommentaar]

Kändler, Tiit; **Vaikmäe, Rein** Eesti Päevaleht 2010 / 28. jaan., lk. 20 <https://epl.delfi.ee/artikkel/51186793/kui-voimas-ilmataat-on-inimene>

Laevad meie merel : õnnistus või õnnetus

Soomere, Tarmo Eesti Loodus 2006 / 6, lk. 6-11 : ill <http://www.eestiloodus.ee/index.php?artikkel=1510>

Laevanduse rohepööre tõstab kaupade ja reisimise hinda

Ots, Jaano Martin postimees.ee 2021 / Lk. 12 : ill <https://merendus.postimees.ee/7349947/laevanduse-rohepoore-tostab-kaupade-ja-reisimise-hinda>

Meie savijalgadel energiamajandus

Hamburg, Arvi Arvamus, kultuur : [ajalehe Postimees lisa] 2021 / Lk. 20 <https://dea.digar.ee/article/ak/2021/12/23/5.8>

Methods for calculating greenhouse gas emissions in the Baltic Sea ports : a comparative study

Tombak, Mari-Liis; Tapaninen, Ulla Pirita; Kotta, Jonne Sustainability 2025 / art. 639 <https://doi.org/10.3390/su17020639>

Mineral CO2 sequestration by aqueous carbonation of oil shale ash from Estonian power production

Uibu, Mai; Kuusik, Rein, keemik International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 66-67 http://www.ester.ee/record=b4775098*est

Mineral trapping of CO2 via oil shale ash aqueous carbonation : controlling mechanism of process rate and development of continuous-flow reactor system

Uibu, Mai; Kuusik, Rein, keemik Oil shale 2009 / 1, p. 40-58 : ill https://artiklid.elnet.ee/record=b1141327*est

Need for sustainability assurance and role CMAs need to play right now!

Saha, Anup Kumar The cost & management 2019 / p. 58-59 http://www.icmab.org.bd/wp-content/uploads/2019/12/6.Need_.pdf

Possible energy sector trends in Estonia : context of climate change

Kask, Ilmar; Esop, Markko-Raul; Pallo, Toomas; Liik, Olev; Raesaar, Peeter; Selg, Vello; Valma, Arno; Kask, Ülo; Purju, Alari; Kallaste, Tiit 1999 https://www.ester.ee/record=b1275146*est

Production-based and consumption-based national greenhouse gas inventories : an implication for Estonia

Gavrilova, Olga; Vilu, Raivo Ecological economics 2012 / p. 161-173 : ill <https://www.sciencedirect.com/science/article/pii/S0921800912000432>

Projected changes of the significant wave height in the Baltic Sea by the end of the 21th century

Alari, Victor; Rästas, Henri; Raudsepp, Urmas 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. 58 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Puudega rahva osa süsinikuringes : metsaistutamise talgud on moodsa aja indulgentsikaubandus

Strandberg, Marek Sirp 2007 / 27. apr., lk. 2 <https://sirp.ee/s1-artiklid/c9-sotsiaalia/puudega-rahva-osa-s-sinikuringes/>

Põlevkiviõli tootmise konkurentsivõimelisus uues, aastatel 2013-2020 rakenduva kasvuhoonegaaside kauplemise süsteemis

Siirde, Andres Innovaatilised lahendused ja säästvad tehnoloogiad : konverents 2010 2010 / lk. 15-16

Quantitative Greenhouse Gas Impact Assessment Method for Spatial Planning Policy : QGasSP – Final report

Cachia, Rebecca; Cerrone, Damiano; Gartland, Donna; Grišakov, Kristi; Heinonen, Jukka; Kriiska, Kaie; Lylykangas, Kimmo Sakari; Norbistrath, Ulrich; O'Shea, John; Oviir, Anni; Partanen, Jenni Vilhelmiina; Peterson, Kaja; Walke, Peter R. 2022 <https://www.espon.eu/sites/default/files/attachments/QGasSP%20final%20report.pdf> <https://www.espon.eu/QGasSP>

Reduction of greenhouse gas emissions from energy sector

Roos, Inge; Siirde, Andres 4th International Symposium Topical Problems of Education in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 15-20, 2007 2007 / p. 154-156 : ill

A review of greenhouse gas emission profiles, dynamics, and climate change mitigation efforts across the key climate change players

Zheng, Xiaosong; Streimikiene, Dalia; Balezentis, Tomas; Mardani, Abbas Journal of cleaner production 2019 / p. 1113-1133 <https://doi.org/10.1016/j.jclepro.2019.06.140>

Role of CO2 geological storage in reaching climate targets in the Baltic Sea region : technological prospects and regulatory challenges

Šogenova, Alla; Šogenov, Kazbulat Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / p. 28-31 : ill https://www.ester.ee/record=b5673955*est <https://kirjandus.geoloogia.info/reference/49136>

Seasonal dynamics and regional distribution patterns of CO2 and CH4 in the north-eastern Baltic Sea

Lainela, Silvie; Jacobs, Erik; Luik, Stella-Theresa; Rehder, Gregor; Lips, Urmas Biogeosciences 2024 / p. 4495-4519 : ill <https://doi.org/10.5194/bg-21-4495-2024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tallinna Sadama südameasjaks on hoida Läänemeri puhtana

Vastutustundlik ettevõtlus 2021 / Lk. 3 https://www.ester.ee/record=b3067445*est

TalTech mõõtis ära oma CO2 jalajälje ja plaanib selle viia nulli

digi.geenius.ee 2023 [TalTech mõõtis ära oma CO2 jalajälje ja plaanib selle viia nulli](#)

TalTech osaleb projektis, mis aitab tagada ELis energiajulgeolekut ja vähendada CO2 jalajälge

digi.geenius.ee 2024 [TalTech osaleb projektis, mis aitab tagada ELis energiajulgeolekut ja vähendada CO2 jalajälge](#)

TalTechil valmis rohestrateegia, mis panustab majanduse kasvu keskkonnakahju tõstmata

postimees.ee 2023

Tehnikaülikool tunnustab Soome keemiatehnika ja -tehnoloogia suurkuju

postimees.ee 2025 <https://haridus.postimees.ee/8325325/tehnikaulikool-tunnustab-soome-keemiatehnika-ja-tehnoloogia-suurkuju>

Territorial and consumption-based greenhouse gas emissions assessments : implications for spatial planning policies

Lylykangas, Kimmo Sakari; Cachia, Rebecca; **Cerrone, Damiano**; Kriiska, Kaie; **Norbisrath, Ulrich**; **Walke, Peter R.**;

Joutsiniemi, Anssi; Heinonen, Jukka Land 2023 / art. 1144 <https://doi.org/10.3390/land12061144> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of municipal solid waste management on greenhouse gas emissions in Estonia

Moora, Harri; **Voronova, Viktoria**; **Reihan, Alvina** Interdisciplinary aspects of climate change 2009 / p. 311-325 : ill

Towards efficient mapping of greenhouse gas emissions : a case study of the port of Tallinn

Kotta, Jonne; **Fetissov, Mihhail**; Kaasik, Ellen; Väärt, Janis; Štökov, Stanislav; **Tapaninen, Ulla Pirita** Sustainability 2023 / art.

9520 <https://doi.org/10.3390/su15129520> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ulla Pirita Tapaninen: merendussektor muutub roheliseks. Kuidas täpsemalt? [Võrguväljaanne]

Tapaninen, Ulla Pirita err.ee 2022 ["Ulla Pirita Tapaninen: merendussektor muutub roheliseks. Kuidas täpsemalt?"](#)

Värskes üleilmses kliimaraportis kõlab Eesti teadlaste hääl [Võrguväljaanne]

postimees.ee 2022 ["Värskes üleilmses kliimaraportis kõlab Eesti teadlaste hääl."](#)

Ühisrakendusprojektide teostamisest Eestis

Roos, Inge Taastuvate energiaallikate uurimine ja kasutamine : viienda konverentsi kogumik 2004 / lk. 97-105

https://artiklid.elnet.ee/record=b1047857*est

Years are not brothers: Two-year comparison of greenhouse gas fluxes in large shallow Lake Võrtsjärv, Estonia

Rõõm, Eva-Ingrid; Nõges, Peeter; Feldmann, Tõnu; Tuvikene, Lea; **Kisand, Anu**; Teearu, Helis; Nõges, Tiina Journal of hydrology

2014 / p. 1594-1606 : ill <https://doi.org/10.1016/j.jhydrol.2014.09.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)