

A life cycle environmental impact assessment of oil shale produced and consumed in Estonia
Gavrilova, Olga; Vilu, Raivo; Vallner, Leo Resources, conservation and recycling 2010 / p. 232-245

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

Siirde, Andres; Elderermann, 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](#)

Assessment of environmental impacts of landfilling and alternatives for management of municipal solid waste = Prügi ladestamise keskkonnamõjud ja alternatiivid olmeprügi käitlemisel

Voronova, Viktoria 2013 https://www.ester.ee/record=b2955674*est

Building carbon footprint comparison between building permit and as-built with circular material usage

Kertsmik, Kadri-Ann; Talvik, Martin; Lylykangas, Kimmo Sakari; Ilomets, Simo; Kalamees, Targo ICEARC'23 : The 3rd International Civil Engineering & Architecture Conference, Trabzon, Türkiye, 12-14 October 2023 : Proceedings ; Vol. 2: Architecture 2023 / p. 392-399 https://icearc2023.glpmanager.com/documents/ICEARC'23_Proceedings_Architecture.pdf

Comparative analyses of processed wood waste reuse possibilities after chemical delignification treatment

M'hamdi, Asmae Ismaili; **Gušča, Julija**; Blumberga, Dagnija; Zerouale, Abdelaziz; Kandri, Nouredine Idrissi Energy procedia 2017 / p. 289-296 : ill <http://dx.doi.org/10.1016/j.egypro.2017.04.068>

Decision-making tool development for used industrial equipment life cycle evaluation and improvement =

Otsustustehnoloogia arendus kasutatud tööstusseadmete elutsükli hindamiseks ja parendamiseks

Baškite, Viktoria 2017 <https://digi.lib.ttu.ee/i/?7672> https://www.ester.ee/record=b4675749*est

Dokoritöö uuris päikeseplatari töövõime ja eluea pikendamist

Mente et Manu 2022 / lk. 42-43 : fot https://www.ester.ee/record=b1242496*est

Environmental and economic life cycle assessment of enzymatic hydrolysis-based fish protein and oil extraction

Bashiri, Bashir; Cropotova, Janna; Kvangarsnes, Kristine; Gavrilova, Olga; **Vilu, Raivo** Resources 2024 / art. 61

<https://doi.org/10.3390/resources13050061>

Environmental and economic life cycle assessment of fish protein and oil extraction using enzymatic hydrolysis

Bashiri, Bashir; Cropotova, Janna; Kvangarsnes, Kristine; **Vilu, Raivo** Life Cycle Innovation Conference (LCIC2024) 2024 / art. 23

<https://fscic.org/lcic/lcic2024/lcic2024-posters/environmental-and-economic-life-cycle-assessment-of-fish-protein-and-oil-extraction-using-enzymatic-hydrolysis/>

Environmental assessment and sustainable management options of leachate and landfill gas treatment in Estonian municipal waste landfills

Voronova, Viktoria; Moora, Harri; **Loigu, Enn** Management of environmental quality : an international journal 2011 / p. 787-802 : ill

Evaluation of renovation strategies : cost-optimal, COIe optimal, or total energy optimal

Kertsmik, Kadri-Ann; Kuusk, Kalle; Lylykangas, Kimmo Sakari; Kalamees, Targo Energy and buildings 2023 / art. 112995

<https://doi.org/10.1016/j.enbuild.2023.112995> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A holistic risk-based maintenance methodology for transmission overhead lines using tower specific health indices and value of loss load

Manninen, Henri; Kilter, Jako; Landsberg, Mart International journal of electrical power and energy systems 2022 / art. 107767 ; 11

p. : ill <https://doi.org/10.1016/j.ijepes.2021.107767> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hoone kasutusea planeerimine

Kalamees, Targo Ehituskaar 2002 / 1, lk. 21-23

Industrial building life cycle extension through concept of modular construction

Zahharov, Roman; Baškite, Viktoria; Karaulova, Tatjana; Miina, Aleksandr Annals of DAAAM for 2010 & proceedings of the 21st International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Interdisciplinary Solutions" : 20-23rd

October 2010, Zadar, Croatia 2010 / p. 805-806 : ill <https://go.gale.com/ps/i.do?id=GALE%7CA246013968&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=17269679&p=AONE&sw=w&userGroupName=anon%7Ed149210a&aty=open-web-entry>

[id=GALE%7CA246013968&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=17269679&p=AONE&sw=w&userGroupName=anon%7Ed149210a&aty=open-web-entry](https://go.gale.com/ps/i.do?id=GALE%7CA246013968&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=17269679&p=AONE&sw=w&userGroupName=anon%7Ed149210a&aty=open-web-entry)

Kuidas pikendada päikeseplatari töövõimet ja eluiga?

Eensalu, Jako Siim Ehitaja 2022 / lk. 24 : fot https://www.ester.ee/record=b1072123*est

Life cycle analysis of electrical motor-drive system based on electrical machine type

Rassõlkin, Anton; Belahcen, Anouar; Kallaste, Ants; Vaimann, Toomas; Heidari, Hamidreza; Asad, Bilal Proceedings of the

Estonian Academy of Sciences 2020 / p. 162–177 : ill <https://doi.org/10.3176/proc.2020.2.07> journal metrics at Scopus Article at Scopus
Journal metrics at WOS Article at WOS

Life cycle assessment as a decision support tool for system optimisation - the case of waste management in Estonia = Oelusringi hindamine kui süsteemi optimeerimise otsuse toetusvahend - Eesti jäätmekäitluse näitel

Moora, Harri 2009 https://www.ester.ee/record=b2498209*est

Life cycle assessment of end-of-life tire disposal methods and potential integration of recycled crumb rubber in cement composites

Kolendo, Girts; **Voronova, Viktoria**; Bumanis, Girts; Korjakins, A.; Bajare, D. Applied Sciences (Switzerland) 2024 / art. 11667
<https://doi.org/10.3390/app142411667>

Life cycle assessment of laboratory-scale chitosan production: comparison of high-pressure processing-assisted and conventional methods

Bashiri, Bashir; Pinheiro, Ana Cristina De Aguiar Saldanha; Tappi, Silvia; Rocculi, Pietro; **Kaleda, Aleksei**; **Vilu, Raivo**
Proceedings of the Estonian Academy of Sciences 2025 / 14 p <https://doi.org/10.3176/proc.2025.1.01>

Life-cycle analysis of plumbing system and energy conservation in the renovated apartment buildings in Tallinn

Talve, Siret; **Suurkask, Valdu**; Kroonström, Jüri Water Supply and Drainage for Buildings : '98 CIB-W62 Symposium : Rotterdam, The Netherlands, September 21-23, 1998 1998 / p. E2-0, E2-2 - E2-9 : ill

Low carbon emission renovation of historical residential buildings

Kertsmik, Kadri-Ann; **Arumägi, Endrik**; **Hallik, Jaanus**; **Kalamees, Targo** Energy reports 2024 / p. 3836-3847
<https://doi.org/10.1016/j.egy.2024.03.030>

Methodology for forecasting the cost of substation asset management in upcoming future

Andresen, Guido; **Leinakse, Madis**; **Kilter, Jako**; Landsberg, Mart 2024 IEEE International Conference on Power and Energy (PECon) 2024 / p. 185-190 <https://doi.org/10.1109/PECon62060.2024.10826804>

Modularization impact to product end of life cycle

Baškite, Viktoria; **Zahharov, Roman** 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 213-217

Oelusringi hindamise seminar : [12.-13. sept. TTÜs toimunud rahvusvahelisest seminarist]

Mente et Manu 2005 / 21. sept., lk. 5 https://www.ester.ee/record=b1242496*est

Permanent magnets in sustainable energy: comparative life cycle analysis

Orlova, Svetlana; **Rassõlkin, Anton** Energies 2024 / art. 6384 <https://doi.org/10.3390/en17246384>

Problems with application of LCC techniques to determine economical life span of precast element dwellings

Nuuter, Tiina Knowledge construction : proceedings of the Joint International Symposium of CIB Working Commissions : W55: Building Economics, W65: Organisation and Management of Construction, W107: Construction in Developing Countries : 22-24 October 2003, Singapore. Volume 1 2003 / p. 612-620

Suggestions to improve oil shale industry water management basing on inventory analysis of life cycle assessment

Talve, Siret; Riipulk, Valli Oil shale 2001 / 1, p. 35-46 : ill https://artiklid.elnet.ee/record=b1006540*est

Süsinikujalajalg hoonetes vajab õige pea hindamist

Alvela, Ain EhitusEST 2024 / lk. 15-16 https://www.ester.ee/record=b4442657*est

Technical state, renovation need, and performance of renovation solutions of Estonian wooden log houses

Põdra, Alois Andreas; **Allas, Gert Air**; **Ruus, Aime**; Lütsepp, Elo; Kalamees, Targo 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 204-205 <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> https://www.ester.ee/record=b5668645*est

The concept of the decision support system to plan the reverse logistics in automotive industry

Makarova, Irina; Shubenkova, Ksenia; **Pashkevich, Anton** 2018 2th International Conference on Software, Telecommunications and Computer Networks (SoftCOM) : Split - Supetar, Croatia, September 13 - 15, 2018 2018 / 6 p. : ill
<http://doi.org/10.23919/SOFTCOM.2018.8555760>

The educators' telescope to the future of technology [Electronic resource]

Jaakkola, Hannu; **Henno, Jaak**; Thalheim, Bernhard; Mäkelä, Jukka 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO), May 22 – 26, 2017, Opatija, Croatia : proceedings 2017 / p. 660-665 : ill [CD-ROM] <http://doi.org/10.23919/MIPRO.2017.7973506>