

Challenges and solutions in construction of Tallinn-Tartu highway over peat deposits

Dettenborn, Taavi; Forsman, Juha; Skepast, Peeter; **Ellmann, Artu** [The 29th Baltic Road Conference : 27-30 August 2017 Tallinn] 2017 / 10 p. : ill [Challenges and solutions...](#)

Combustion of fuel mixtures in oil shale fired CFBC and PC boilers

Pihu, Tõnu; Konist, Alar; Nešumajev, Dmitri; Loo, Lauri International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 24-25
http://www.ester.ee/record=b4751282*est

Declining extent of fen peat deposits over the past 50 years in Ogre Municipality, central Latvia

Stivrinš, Normunds; Matskins, Davis; Ozola, Ilze Estonian Journal of Earth Sciences 2025 / p. 53-60 : ill
<https://doi.org/10.3176/earth.2025.04>

Full scale reinforced road embankment test sections over soft peat layer, Võõbu, Estonia [Online resource]

Forsman, Juha; Dettenborn, Taavi; Skepast, Peeter; Mets, Mait; Olep, Mattias; **Ellmann, Artu**; Vallas, Ivo; Tõnts, Taavi; **Kontson, Karli** The 17th Nordic Geotechnical Meeting : Reykjavik, Iceland, 25th - 28th of May 2016 : conference proceedings 2016 / p. 1279-1281 : ill <http://www.ngm2016.com/papers.html>

Full-scale tests on the co-firing of peat and oil shale in an oil shale fired circulating fluidized bed boiler

Pihu, Tõnu; Konist, Alar; Nešumajev, Dmitri; Loo, Lauri; Molodtsov, Arjom; Valtsev, Aleksandr Oil shale 2017 / p. 250-262 : ill
http://www.ester.ee/record=b1072685*est <https://doi.org/10.3176/oil.2017.3.04> https://artiklid.elnet.ee/record=b2824316*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gasification and liquefaction of solid fuels by hydrothermal conversion methods

Kruusement, Kristjan; Luik, Hans; Waldner, Maurice; Vogel, Frederic; Luik, Lea Journal of analytical and applied pyrolysis 2014 / p. 265-273 : ill <https://doi.org/10.1016/j.jaap.2014.04.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hands-on approach to foster paludiculture implementation and carbon certification on extracted peatland in Latvia

Stivrinš, Normunds; Bikše, Jānis; Jeskins, Jurijs; Ozola, Ilze Land 2024 / art. 188 <https://doi.org/10.3390/land13020188> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-performance liquid chromatography (HPLC)-size exclusion chromatography (SEC) for qualitative detection of humic substances and dissolved organic matter in mineral soils and peats in Lithuania

Jokubauskaite, Ieva; Amaleviciute, Kristina; **Lepane, Viia**; Slepeliene, Alvyra; Slepetyt, Jonas; Liaudanskiene, Inga; Karcauskiene, Danute; Booth, Colin A. International journal of environmental analytical chemistry 2015 / p. 508-519 : ill
<https://doi.org/10.1080/03067319.2015.1048435> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling of nitrogen leaching from watersheds with large drained peat areas

Vassiljev, Anatoli; Kaur, Katrin; Annus, Ivar Advances in engineering software 2018 / p. 94-100 : ill
<https://doi.org/10.1016/j.advengsoft.2018.03.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling of the influence of drained areas on the environment

Vassiljev, Anatoli Proceedings of the Fifteenth International Conference on Civil, Structural and Environmental Engineering Computing : Prague, Czech Republic, 1-4 September 2015 2015 / Paper 280 <https://doi.org/10.4203/ccp.108.280> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Paludiculture in Latvia—existing knowledge and challenges

Ozola, Ilze; Dauskane, Iluta; Aunina, Ieva; **Stivrinš, Normunds** Land 2023 / art. 2039, 19 p. : ill <https://doi.org/10.3390/land12112039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Possibilities of oil shale mining under the Selisoo mire of the Estonia oil shale deposit

Orru, Mall; Väizene, Vivika; Pastarus, Jüri-Rivaldo; Sõstra, Ülo; Valgma, Ingo Environmental earth sciences 2013 / p. 3311-3321 : ill <https://doi.org/10.1007/s12665-013-2396-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Re-vegetation processes in cutaway peat production fields in Estonia in relation to peat quality and water regime

Orru, Mall; Ots, Katri; Orru, Hans Environmental monitoring and assessment 2016 / art. 655, p. 1-12 : ill <https://doi.org/10.1007/s10661-016-5669-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Road embankment test sections over soft peat layer, Võõbu, Estonia [Online resource]

Forsman, Juha; Dettenborn, Taavi; Skepast, Peeter; Mets, Mait; Olep, Mattias; **Ellmann, Artu**; Vallas, Ivo; Tõnts, Taavi; **Kontson, Karli** Historical Experience and Challenges of Geotechnical Problems in Baltic Sea Region : Vilnius, Lithuania, 22-24 September 2016 : proceedings of 13th Baltic Sea Geotechnical Conference 2016 / p. [302]-307 : ill <http://doi.org/10.3846/13bsgc.2016.046>

Thermochemical characterization of chicken litter and peat as a source for energy recovery

Petkova, Vilma; Serafimova, Ekaterina; **Kaljuvee, Tiit**; Pelovsky, Yoncho Journal of thermal analysis and calorimetry 2013 / p. 683-

Thermochemical Co-liquefaction of Estonian kukersite oil shale with peat and pine bark

Krasulina, Julia; Luik, Hans; Palu, Vilja; Tamvelius, Hindrek Oil shale 2012 / p. 222-236 : ill

https://artiklid.elnet.ee/record=b2527827*est