

Lappalainen K, Wang GC, Kleissl J. **Estimation of the largest expected photovoltaic power ramp rates.** Applied Energy. 2020 Nov 15;278. 115636. <https://doi.org/10.1016/j.apenergy.2020.115636>

Singhal A, Goel S, Sengupta D. **Physicochemical and elemental analyses of sandstone quarrying wastes to assess their impact on soil properties.** Journal of Environmental Management. 2020 Oct 1;271. 111011. <https://doi.org/10.1016/j.jenvman.2020.111011>

Krishna Moorthy SM, Raunonen P, Van den Bulcke J, Calders K, Verbeeck H. **Terrestrial laser scanning for non-destructive estimates of liana stem biomass.** FOREST ECOLOGY AND MANAGEMENT. 2020 Jan 15;456. 117751. <https://doi.org/10.1016/j.foreco.2019.117751>

Sulonen K, Riekkinen K, Kotilainen S. **Customer-oriented approach in cadastral procedures – Case study from Finland.** Land Use Policy. 2020;90. 104209. <https://doi.org/10.1016/j.landusepol.2019.104209>

Kurvinen A, Saari A. **Urban housing density and infrastructure costs.** Sustainability (Switzerland). 2020;12(2). 497. <https://doi.org/10.3390/su12020497>

Pirjola L, Kuuluvainen H, Timonen H, Saarikoski S, Teinilä K, Salo L et al. **Potential of renewable fuel to reduce diesel exhaust particle emissions.** Applied Energy. 2019 Nov 15;254. 113636. <https://doi.org/10.1016/j.apenergy.2019.113636>

Cai Y, Ferrer BR, Lastra JLM. **Building university-industry co-innovation networks in transnational innovation ecosystems: Towards a transdisciplinary approach of integrating social sciences and artificial intelligence.** Sustainability. 2019 Sep 1;11(17). 4633. <https://doi.org/10.3390/su11174633>

Pääkkönen A, Aro K, Aalto P, Kontinen J, Kojo M. **The potential of biomethane in replacing fossil fuels in heavy transport- a case study on Finland.** Sustainability. 2019 Sep 1;11(17). 4750. <https://doi.org/10.3390/su11174750>

Liimatainen H, van Vliet O, Aplyn D. **The potential of electric trucks – An international commodity-level analysis.** Applied Energy. 2019 Feb 15;236:804-814. <https://doi.org/10.1016/j.apenergy.2018.12.017>

Pastor-Poquet V, Papirio S, Trabaly E, Rintala J, Escudié R, Esposito G. **Semi-continuous mono-digestion of OFMSW and Co-digestion of OFMSW with beech sawdust: Assessment of the maximum operational total solid content.** Journal of Environmental Management. 2019 Feb 1;231:1293-1302. <https://doi.org/10.1016/j.jenvman.2018.10.002>

Mylläri F, Pirjola L, Lihavainen H, Asmi E, Saukko E, Laurila T et al. **Characteristics of particle emissions and their atmospheric dilution during co-combustion of coal and wood pellets in a large combined heat and power plant.** Journal of the Air and Waste Management Association. 2019. <https://doi.org/10.1080/10962247.2018.1521349>

Mämmelä J, Juuti T, Julkunen P. **Technology valuation method for supporting knowledge management in technology decisions to gain sustainability.** Sustainability (Switzerland). 2019;11(12). 3410. <https://doi.org/10.3390/su11123410>

Taylor J, Haines A, Milner J, Davies M, Wilkinson P, Sehgal M et al. **A comparative analysis of global datasets and initiatives for urban health and sustainability.** Sustainability (Switzerland). 2018 Oct 11;10(10). 3636. <https://doi.org/10.3390/su10103636>

Lehtinen T, Virtanen H, Santala S, Santala V. **Production of alkanes from CO<sub>2</sub> by engineered bacteria.** Biotechnology for Biofuels. 2018 Aug 21;11. 228. <https://doi.org/10.1186/s13068-018-1229-2>

Ruusala A, Laukkarinen A, Vinha J. **Energy consumption of Finnish schools and daycare centers and the correlation to regulatory building permit values.** Energy Policy. 2018 Aug 1;119:183-195. <https://doi.org/10.1016/j.enpol.2018.04.029>

Salmela M, Lehtinen T, Efimova E, Santala S, Mangayil R. **Metabolic pairing of aerobic and anaerobic production in a one-pot batch cultivation.** Biotechnology for Biofuels. 2018 Jul 3;11(1). 187. <https://doi.org/10.1186/s13068-018-1186-9>

Panula-Ontto J, Luukkanen J, Kaivo-oja J, O'Mahony T, Vehmas J, Valkealahti S et al. **Cross-impact analysis of Finnish electricity system with increased renewables: Long-run energy policy challenges in balancing supply and consumption.** Energy Policy. 2018 Jul 1;118:504-513. <https://doi.org/10.1016/j.enpol.2018.04.009>

Taddeo R, Honkanen M, Kolppo K, Lepistö R. **Nutrient management via struvite precipitation and recovery from various agroindustrial wastewaters: Process feasibility and struvite quality.** Journal of Environmental Management. 2018 Apr 15;212:433-439. <https://doi.org/10.1016/j.jenvman.2018.02.027>

Doddapaneni TRKC, Praveenkumar R, Tolvanen H, Rintala J, Konttinen J. **Techno-economic evaluation of integrating torrefaction with anaerobic digestion.** Applied Energy. 2018;213:272-284. <https://doi.org/10.1016/j.apenergy.2018.01.045>

Laasasenaho K, Lensu A, Rintala J, Lauhanen R. **Landowners' willingness to promote bioenergy production on wasteland – future impact on land use of cutaway peatlands.** Land Use Policy. 2017 Dec 1;69:167-175. <https://doi.org/10.1016/j.landusepol.2017.09.010>

Martinsuo M, Hoverfält P. **Change program management: Toward a capability for managing value-oriented, integrated multi-project change in its context.** International Journal of Project Management. 2017 Dec;36(1):134 – 146. <https://doi.org/10.1016/j.ijproman.2017.04.018>

Kivilä J, Martinsuo M, Vuorinen L. **Sustainable project management through project control in infrastructure projects.** International Journal of Project Management. 2017 Aug;35(6):1167 – 1183. <https://doi.org/10.1016/j.ijproman.2017.02.009>

Butt A, Naaranoja M, Savolainen J. **Project change stakeholder communication.** International Journal of Project Management. 2016 Nov 1;34(8):1579-1595. <https://doi.org/10.1016/j.ijproman.2016.08.010>

Taddeo R, Kolppo K, Lepistö R. **Sustainable nutrients recovery and recycling by optimizing the chemical addition sequence for struvite precipitation from raw swine slurries.** Journal of Environmental Management. 2016 Sep 15;180:52-58. <https://doi.org/10.1016/j.jenvman.2016.05.009>

Sariola R, Martinsuo M. **Enhancing the supplier's non-contractual project relationships with designers.** International Journal of Project Management. 2016 Aug 1;34(6):923-936. <https://doi.org/10.1016/j.ijproman.2016.04.002>

Tampio E, Salo T, Rintala J. **Agronomic characteristics of five different urban waste digestates.** Journal of Environmental Management. 2016 Mar 15;169:293-302. <https://doi.org/10.1016/j.jenvman.2016.01.001>

Arto K, Ahola T, Vartiainen V. **From the front end of projects to the back end of operations: Managing projects for value creation throughout the system lifecycle.** International Journal of Project Management. 2016 Feb 1;34(2):258-270. <https://doi.org/10.1016/j.ijproman.2015.05.003>

Kurki V, Takala A, Vinnari E. **Clashing coalitions: A discourse analysis of an artificial groundwater recharge project in Finland.** Local Environment. 2016;21(11):1317-1331. <https://doi.org/10.1080/13549839.2015.1113516>

Kannisto MS, Mangayil RK, Shrivastava-Bhattacharya A, Pletschke BI, Karp MT, Santala VP. **Metabolic engineering of *Acinetobacter baylyi* ADP1 for removal of *Clostridium butyricum* growth inhibitors produced from lignocellulosic hydrolysates.** Biotechnology for Biofuels. 2015 Dec 1;8(1). 198. <https://doi.org/10.1186/s13068-015-0389-6>

Koivisto AJ, Jensen ACØ, Levin M, Kling KI, Maso MD, Nielsen SH et al. **Testing the near field/far field model performance for prediction of particulate matter emissions in a paint factory.** Environmental Sciences: Processes and Impacts. 2015 Jan 1;17(1):62-73. <https://doi.org/10.1039/c4em00532e>

Kurki V, Katko TS. **Groundwater as a source of conflict and cooperation: Towards creating mutual gains in a Finnish water supply project.** Water Alternatives. 2015;8(3):337-351.

Sotarauta M, Mustikkamäki N. **Institutional entrepreneurship, power, and knowledge in innovation systems: Institutionalization of regenerative medicine in Tampere, Finland.** ENVIRONMENT AND PLANNING C: GOVERNMENT AND POLICY. 2015;33(2):342-357. <https://doi.org/10.1068/c12297r>

Ahola T, Ruuska I, Artto K, Kujala J. **What is project governance and what are its origins?** International Journal of Project Management. 2014 Nov 1;32(8):1321-1332. <https://doi.org/10.1016/j.ijproman.2013.09.005>

Ntziachristos L, Mellios G, Tsokolis D, Keller M, Hausberger S, Ligterink NE et al. **In-use vs. type-approval fuel consumption of current passenger cars in Europe.** Energy Policy. 2014 Apr;67:403-411. <https://doi.org/10.1016/j.enpol.2013.12.013>

Söderlund J, Hobbs B, Ahola T. **Project-based and temporary organizing: Reconnecting and rediscovering.** International Journal of Project Management. 2014;32(7):1085-1090. <https://doi.org/10.1016/j.ijproman.2014.06.008>

Valkila N, Saari A. **Attitude-behaviour gap in energy issues: Case study of three different Finnish residential areas.** ENERGY FOR SUSTAINABLE DEVELOPMENT. 2013 Feb;17(1):24-34. <https://doi.org/10.1016/j.esd.2012.10.001>

Ahola T, Kujala J, Laaksonen T, Aaltonen K. **Constructing the market position of a project-based firm.** International Journal of Project Management. 2013;31(3):355-365. <https://doi.org/10.1016/j.ijproman.2012.09.008>

Kujala J, Ahola T, Huikuri S. **Use of services to support the business of a project-based firm.** International Journal of Project Management. 2013;31(2):177-189. <https://doi.org/10.1016/j.ijproman.2012.07.007>

Denier van der Gon HAC, Gerlofs-Nijland ME, Gehrig R, Gustafsson M, Janssen N, Harrison RM et al. **The Policy Relevance of Wear Emissions from Road Transport, Now and in the Future-An International Workshop Report and Consensus Statement.** Journal of the Air and Waste Management Association. 2013;63(2):136-149. <https://doi.org/10.1080/10962247.2012.741055>

Valkila N, Saari A. **Consumer panel on the readiness of finns to behave in a more pro-environmental manner.** Sustainability. 2012 Jul;4(7):1561-1579. <https://doi.org/10.3390/su4071561>

Sotarauta M. **Policy learning and the 'cluster-flavoured innovation policy' in Finland.** ENVIRONMENT AND PLANNING C: GOVERNMENT AND POLICY. 2012;30(5):780-795. <https://doi.org/10.1068/c1191>

Ruuska I, Ahola T, Artto K, Locatelli G, Mancini M. **A new governance approach for multi-firm projects: Lessons from Olkiluoto 3 and Flamanville 3 nuclear power plant projects.** International Journal of Project Management. 2011 Aug;29(6):647-660. <https://doi.org/10.1016/j.ijproman.2010.10.001>

Sotarauta M, Pulkkinen R. **Institutional entrepreneurship for knowledge regions: In search of a fresh set of questions for regional innovation studies.** ENVIRONMENT AND PLANNING C: GOVERNMENT AND POLICY. 2011;29(1):96-112. <https://doi.org/10.1068/c1066r>

Rasi S, Läntelä J, Veijanen A, Rintala J. **Landfill gas upgrading with countercurrent water wash.** Waste Management. 2008;28(9):1528-1534. <https://doi.org/10.1016/j.wasman.2007.03.032>

Sormunen K, Ettala M, Rintala J. **Detailed internal characterisation of two Finnish landfills by waste sampling.** Waste Management. 2008;28(1):151-163. <https://doi.org/10.1016/j.wasman.2007.01.003>

Einola JKM, Karhu AE, Rintala JA. **Mechanically-biologically treated municipal solid waste as a support medium for microbial methane oxidation to mitigate landfill greenhouse emissions.** Waste Management. 2008;28(1):97-111. <https://doi.org/10.1016/j.wasman.2007.01.002>

Lehtomäki A, Huttunen S, Rintala JA. **Laboratory investigations on co-digestion of energy crops and crop residues with cow manure for methane production: Effect of crop to manure ratio.** Resources Conservation and Recycling. 2007 Sep;51(3):591-609. <https://doi.org/10.1016/j.resconrec.2006.11.004>

Kaparaju P, Rintala J. **Anaerobic co-digestion of potato tuber and its industrial by-products with pig manure.** Resources Conservation and Recycling. 2005 Jan;43(2):175-188. <https://doi.org/10.1016/j.resconrec.2004.06.001>

Martinen SK, Ruissalo M, Rintala JA. **Removal of bis (2-ethylhexyl) phthalate from reject water in a nitrogen-removing sequencing batch reactor.** Journal of Environmental Management. 2004 Nov;73(2):103-109. <https://doi.org/10.1016/j.jenvman.2004.05.011>

Selänpää J, Buò BD, Länsivaara T, D'Ignazio M. **Problems related to field vane testing in soft soil conditions and improved reliability of measurements using an innovative field vane device.** In Landslides in Sensitive Clays: From Research to Implementation. Springer. 2017. p. 121-131. (Advances in Natural and Technological Hazards Research). [https://doi.org/10.1007/978-3-319-56487-6\\_10](https://doi.org/10.1007/978-3-319-56487-6_10)

Thakur V, Degago SA, Selänpää J, Länsivaara T. **Determination of remoulding energy of sensitive clays.** In Landslides in Sensitive Clays: From Research to Implementation. Springer. 2017. p. 97-107. (Advances in Natural and Technological Hazards Research). [https://doi.org/10.1007/978-3-319-56487-6\\_9](https://doi.org/10.1007/978-3-319-56487-6_9)

Lehtonen V, Länsivaara T. **Advances in determining  $\Delta u$  and  $S_u$  for limit equilibrium analyses.** In Landslides in Sensitive Clays: From Research to Implementation. Springer. 2017. p. 237-247. (Advances in Natural and Technological Hazards Research). [https://doi.org/10.1007/978-3-319-56487-6\\_21](https://doi.org/10.1007/978-3-319-56487-6_21)

D'Ignazio M, Jostad HP, Länsivaara T, Lehtonen V, Mansikkamäki J, Meehan C. **Effects of sample disturbance in the determination of soil parameters for advanced finite element modelling of sensitive clays.** In Landslides in Sensitive Clays: From Research to Implementation. Springer. 2017. p. 146-154. (Advances in Natural and Technological Hazards Research). [https://doi.org/10.1007/978-3-319-56487-6\\_13](https://doi.org/10.1007/978-3-319-56487-6_13)

Ahishali M, Kiranyaz S, Ince T, Gabbouj M. **Multifrequency Polsar Image Classification Using Dual-Band 1D Convolutional Neural Networks.** In 2020 Mediterranean and Middle-East Geoscience and Remote Sensing Symposium, M2GARSS 2020 - Proceedings. IEEE. 2020. p. 73-76 <https://doi.org/10.1109/M2GARSS47143.2020.9105312>

Kahle H, Phung H-M, Penttinen J-P, Rajala P, Tukiainen A, Ranta S et al. **Double-side pumped membrane external-cavity surface-emitting laser (MECSEL) with increased efficiency emitting > 3 W in the 780 nm region.** In 2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE. 2019 <https://doi.org/10.23919/CLEO.2019.8749958>

Sadiek I, Mikkonen T, Vainio M, Toivonen J, Foltynowicz A. **Optical Frequency Comb Photoacoustic Spectroscopy.** In 2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE. 2019 <https://doi.org/10.23919/CLEO.2019.8749688>

Abdallah Z, Stefszky M, Ulvila V, Silberhorn C, Vainio M. **Frequency Comb Generation in a Continuous-Wave Pumped Second-Order Nonlinear Waveguide Resonator.** In 2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE. 2019 <https://doi.org/10.23919/CLEO.2019.8750403>

Saad-Bin-Alam M, Reshef O, Huttunen MJ, Carlow G, Sullivan B, Menard JM et al. **High-Q resonance train in a plasmonic metasurface.** In 2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE. 2019 <https://doi.org/10.23919/CLEO.2019.8750206>

Dos Santos RS, Taylor J, Davies M, Mavrogianni A, Milner J. **The variation of air and surface temperatures in London within a 1km grid using vehicle-transect and ASTER data.** In 2017 Joint Urban Remote Sensing Event, JURSE 2017. Institute of Electrical and Electronics Engineers Inc. 2017. 7924613. (2017 Joint Urban Remote Sensing Event, JURSE 2017). <https://doi.org/10.1109/JURSE.2017.7924613>

Nikhil , Puhakka JA, Visa A, Yli-Harja O. **Software design for simulating microbial bioprocesses in bioreactor**. In 6th International Conference on Environmental Informatics, ISEIS 2007. International Society for Environmental Information Sciences. 2014. 60700018

Länsivaara T. **Editorial**. Environmental Geotechnics. 2018 Dec 17;5(6). <https://doi.org/10.1680/jenge.2018.5.6.309>