

Kalliainen A, Kolisoja P, Nurmikolu A. 2016. 3D Finite Element Model as a Tool for Analyzing the Structural Behavior of a Railway Track. *Procedia Engineering*. 143:820-827. <https://doi.org/10.1016/j.proeng.2016.06.133>

Saksala T, Fourmeau M, Kane P-A, Hokka M. 2018. 3D finite elements modelling of percussive rock drilling: Estimation of rate of penetration based on multiple impact simulations with a commercial drill bit. *Computers and Geotechnics*. 99:55-63. <https://doi.org/10.1016/j.compgeo.2018.02.006>

Saksala T. 2020. 3D numerical modelling of thermal shock assisted percussive drilling. *Computers and Geotechnics*. 128. <https://doi.org/10.1016/j.compgeo.2020.103849>

Leppänen MM, Kuula P. 2016. Acceptability of contaminated soils and waste materials in landfill structures. Paper presented at Nordrocs, .

Zwinger T, Hartikainen J, Cohen D. 2018. A High-resolution Coupled Permafrost - Ice Sheet Model. Paper presented at POLAR2018, Davos, Switzerland.

Kylliäinen M, Hongisto V, Oliva D, Rekola L. 2016. A laboratory listening experiment on subjective and objective rating of impact sound insulation of concrete floors. In *Proceedings of the INTER-NOISE 2016, 45th International Congress on Noise Control Engineering : Towards a Quieter Future, August 21-24, 2016, Hamburg, Germany*. Hamburg: German Acoustical Society (DEGA). pp. 894-902.

Luomala H. 2016. Älypölkky, radan monitorointi, kreosoottipölkyn korvaavat vaihtoehdot.

Kovalainen V, Kylliäinen M, Huhtala T. 2016. A method for design of sound insulation of glazed balconies against traffic noise. In *Proceedings of the INTER-NOISE 2016, 45th International Congress and Exposition on Noise Control Engineering : Towards a Quieter Future, August 21-24, 2016, Hamburg, Germany*. Hamburg: German Acoustical Society (DEGA). pp. 3834-3841.

D'Ignazio M, Mansikkamäki J, Länsivaara T. 2014. Anisotropic total and effective stress stability analysis of the Perniö failure test. Hicks MA, Brinkgreve RBJ, Rohe A, editors. In *Numerical Methods in Geotechnical Engineering : Proceedings of the 8th European Conference on Numerical Methods in Geotechnical Engineering NUMGE2014, Delft, The Netherlands, 18-20 June 2014*. CRC Press Taylor & Francis Group; A Balkema book. pp. 609-614. <https://doi.org/10.1201/b17017-109>

Länsivaara T, Knuuti M. 2015. A proposal for some modifications of EN 1997-1 design approaches. In *Fifth International Symposium on Geotechnical Safety and Risk (ISGSR): Rotterdam, The Netherlands 13-16 October 2015*. IOS Press. pp. 486-491.

Parviainen A, Loukola-Ruskeeniemi K, Tarvainen T, Hatakka T, Härmä P, Backman B, Ketola T, Kuula P, Lehtinen H, Sorvari J, Pyy O, Ruskeeniemi T, Luoma S. 2015. Arsenic in bedrock, soil and groundwater - The first arsenic guidelines for aggregate production established in Finland. *Earth-Science Reviews*. 150:709-723. <https://doi.org/10.1016/j.earscirev.2015.09.009>

Fathipour Azar H, Saksala T, Jalali S-ME. 2017. Artificial neural networks models for rate of penetration prediction in rock drilling. *Rakenteiden mekaniikka*. 50(3):252-255. <https://doi.org/10.23998/rm.64969>

Tarvainen T, Hatakka T, Backman B, Ketola T, Härmä P 2014. ASROCKS-Hankkeen heikkouuttomenetelmien vertailu. GEOLOGIAN TUTKIMUSKESKUS. 13 p.

Lehtonen V, Länsivaara T. 2016. Back-calculation of the Saint-Alban A test embankment with a new modelling approach in LEM. In *Proceedings of the The 17th Nordic Geotechnical Meeting, Reykjavik Iceland: 25th - 28th of May 2016*. pp. 691-699.

Luomala H. 2016. Ballast bed.

Köliö A, Pakkala T, Lahdensivu J, Pentti M 2016. Betonirakenteiden korjausohjeet 2016, by 41. Suomen Betoniyhdistys r.y. 115 p.

Rantala T, Kerokoski O, Nurmikolu A. 2015. Betonisten ratapölkkyjen väsytyskuormituskokeet. Rakenteiden mekaniikka. 48(1):18-33.

Mönkäre TJ, Palmroth MRT, Rintala JA. 2016. Characterization of fine fraction mined from two Finnish landfills. Waste Management. 47A:34-39. <https://doi.org/10.1016/j.wasman.2015.02.034>

Järvinen A, Karjalainen P, Bloss M, Potila O, Simonen P, Kuuluvainen H, Timonen H, Saarikoski S, Niemi JV, Keskinen J, Rönkkö T. 2017. Chasing measurements for real-world emissions of city buses. Paper presented at European Aerosol Conference 2017, Zürich, Switzerland.

Sormunen LA, Kalliainen A, Kolisoja P, Rantsi R. 2016. Combining mineral fractions of recovered MSWI bottom ash: improvement for utilization in civil engineering structures. Waste and Biomass Valorization. <https://doi.org/10.1007/s12649-016-9656-4>

Koivisto K, Forsman J, Ronkainen M, Lahtinen P, Kolisoja P, Kuula P. 2016. Commercialising reclaimed materials in earthworks – guidelines for productization and the process of appending these materials in the Finnish national code of practice. In Proceedings of the 17th Nordic Geotechnical Meeting Reykjavik Iceland: Challenges in Nordic Geotechnic 25th - 28th of May. Reykjavik: Icelandic Geotechnical Society.

Behailu BM, Suominen A, Katko TS, Mattila H, Yayehyirad G. 2016. Comparison of community managed projects and conventional approaches in rural water supply of Ethiopia. African Journal of Environmental Science and Technology. 10(9):292-306. <https://doi.org/10.5897/AJEST2016.2132>

Silvast M, Nurmikolu A, Wiljanen B, Mäkelä E. 2014. Condition-Based Track Maintenance and Rehabilitation Design Using Combined Data Analysis. In GEORAIL 2014 : 2nd International symposium - Railway geotechnical engineering, 6-7 November 2014, France. Ranska: IFSTTAR. pp. 649-656.

Saksala T, Hokka M, Kuokkala V-T. 2017. Continuum modelling of dynamic rock fracture under triaxial confinement. In 14th International Conference on Fracture, Proceedings of ICF 14 : Rhodes, Greece, June 18-23, 2017.

D'Ignazio M, Phoon KK, Tan SA, Länsivaara T. 2016. Correlations for undrained shear strength of Finnish soft clays. Canadian Geotechnical Journal. 53(10):1628-1645. <https://doi.org/10.1139/cgj-2016-0037>

Saksala T. 2020. Demolition of concrete by thermal shock spallation: a mesoscopic numerical study based on embedded discontinuity finite elements. INTERNATIONAL JOURNAL OF FRACTURE. <https://doi.org/10.1007/s10704-020-00474-y>

Kerokoski O, Rantala T, Nurmikolu A. 2016. Deterioration mechanisms and life cycle of concrete monoblock railway sleepers in Finnish conditions. In WCRR 2016 Proceedings: 11th World congress on railway research, 29.5-2.6.2016, Milano.

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

Malaska M, Heikkilä R. 2016. Editorial to "The best papers from the 32nd International Symposium on Automation and Robotics in Construction and Mining (ISARC 2015)". Automation in Construction. 71:1. <https://doi.org/10.1016/j.autcon.2016.08.045>

Di Sante M, Giorgetti F, Di Buo B, Länsivaara T, Pasqualini E. 2018. Effects of Lime Stabilization on Hydraulic Behavior of Finnish Soft Sensitive Clays: Towards a Sustainable Geoenvironment. In Proceedings of the 8th International Congress on Environmental Geotechnics. Springer. pp. 226-234. https://doi.org/10.1007/978-981-13-2221-1_19

D'Ignazio M, Jostad HP, Länsivaara T, Lehtonen V, Mansikkamäki J, Meehan C. 2017. 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. pp. 146-154. (Advances in Natural and Technological Hazards Research). https://doi.org/10.1007/978-3-319-56487-6_13

D'Ignazio M, Lunne T, Andersen KH, Yang S, Di Buo B, Länsivaara T. 2019. Estimation of preconsolidation stress of clays from piezocone by means of high-quality calibration data. AIMS Geosciences. 5(2):104-116. <https://doi.org/10.3934/geosci.2019.2.104>

Selänpää J, Di Buo B, Haikola M, Länsivaara T, D'Ignazio M. 2018. Evaluation of existing CPTu-based correlations for the undrained shear strength of soft Finnish clays. In Cone Penetration Testing 2018: Proceedings of the 4th International Symposium on Cone Penetration Testing (CPT'18). CRC Press. pp. 571-577.

Di Buo B, Selänpää J, Länsivaara T, D'Ignazio M. 2018. Evaluation of sample quality from different sampling methods in Finnish soft sensitive clays. Canadian Geotechnical Journal. <https://doi.org/10.1139/cgj-2018-0066>

Di Buo B 2020. Evaluation of the Preconsolidation Stress and Deformation Characteristics of Finnish Clays based on Piezocone Testing. Tampere University. 186 p. (Tampere University Dissertations).

D'Ignazio M, Länsivaara T, Jostad HP. 2017. Failure in anisotropic sensitive clays: a finite element study of the Perniö failure test. Canadian Geotechnical Journal. 54(7):1013-1033. <https://doi.org/10.1139/cgj-2015-0313>

Leppänen M, Laasonen J, Välisalo T. 2014. Finnish mine waste disposal areas. In Geosynthetics Mining Solutions 2014. Infomine.

Länsivaara T. 2018. Foreword. HKIE Transactions. 25(2). <https://doi.org/10.1080/1023697X.2018.1482593>

Sørensen SN, Hansen SF, Baun A, Spurgeon D, Matzke M, Schirmer K, Burkard M, Dal Maso M, Poikkimäki M, Verschoor A, Quik J, Peijnenburg W, Wigger H, Nowack B. 2018. Identifying criteria for environmental risk assessment models at different stage-gates of nano-material/product innovation considering requirements of various stakeholders (TH083). Paper presented at SETAC EUROPE 28th Annual Meeting, Rome, Italy.

Di Buò B, D'Ignazio M, Selänpää J, Haikola M, Länsivaara T, Di Sante M. 2019. Investigation and geotechnical characterization of Perniö clay, Finland. AIMS Geosciences. 5(3):591-616. <https://doi.org/10.3934/geosci.2019.3.591>

Tuominen E, Vinha J. 2015. Kapillaaristen vedenimuominaisuuksien määrittämiseen sopivan vapaan vedenimukoelaitteiston kehittäminen. Vinha J, Ruuska T, editors. In Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. pp. 233-238.

Loukola-Ruskeeniemi K, Lonka H, Ehrukainen E, Gustafsson J, Honkanen M, Härmä P, Jauhiainen P, Kuula P, Nenonen K, Pellinen T, Rintala J, Selonen O, Martikainen M, Aalto M, ed. 2015. Kiviaines- ja luonnonkiviteollisuuden kehitysnäkymät. Helsinki: Työ- ja elinkeinoministeriö. 72 p. (Työ- ja elinkeinoministeriön julkaisuja; 54).

Härmä P, Tarvainen T, Backman B, Hatakka T, Ketola T, Kuula P, Luoma S, Pyy O, Sorvari J, Loukola-Ruskeeniemi K 2014. Kiviainesten otto arseenialueilla - opas kiviainesten tuottajille, maarakentajille ja viranomaisille. Espoo: GEOLOGIAN TUTKIMUSKESKUS. 71 p.

Latvala J 2015. Konvektiivinen lämmönsiirtyminen ratapenkereessä. Liikennevirasto. 115 p. (Liikenneviraston tutkimuksia ja selvityksiä).

Tuominen E, Vinha J. 2015. Laastien vedenimukertoimen määrittämisen virhelähdekokeet. Vinha J, Ruuska T, editors. In Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. pp. 239-244.

Ruuska T, Vinha J. 2015. Laastin ja betonin lämmönjohtavuuden ja ominaislämpökapasiteetin määrittäminen lämpövirtalevyllä. Vinha J, Ruuska T, editors. In Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. pp. 227-232.

Leppänen M, Välisalo T, Laasonen J, ed. 2014. Liite 6: Yleistä kaivannaisjätealueista ja patoturvallisuudesta. In Kaivosten stressitesti 2013. Ympäristöministeriö. (Ympäristöministeriön raportteja).

Di Sante M, Di Buò B, Fratolocchi E, Länsivaara T. 2020. Lime treatment of a soft sensitive clay: A sustainable reuse option. Geosciences. 10(5). <https://doi.org/10.3390/geosciences10050182>

Sormunen LA, Kolisoja P. 2018. Mechanical properties of recovered municipal solid waste incineration bottom ash: the influence of aging and changes in moisture content. Road Materials and Pavement Design . 19(2):252-270. <https://doi.org/10.1080/14680629.2016.1251960>

Koulouri A, Smith ND, Vani BC, Rimpiläinen V, Astin I, Forte B. 2020. Methodology to estimate ionospheric scintillation risk maps and their contribution to position dilution of precision on the ground. JOURNAL OF GEODESY. 94. <https://doi.org/10.1007/s00190-020-01344-0>

Kolisoja P, Kalliainen A. 2016. Modelling of plastic culvert and road embankment interaction in 3D. Procedia Engineering. 143:427-434. <https://doi.org/10.1016/j.proeng.2016.06.054>

Sekki P, Karvinen T, Vinha J. 2020. Moisture behavior of external insulated precast concrete wall panels. Journal of Building Physics. <https://doi.org/10.1177/1744259120925850>

Saari A. 2016. Näkökulma-kolumni: Putkiremontit kestävät aivan liian kauan. Sanoma Talotekniikkajulkaisut Oy.

Saksala T, Hokka M, Kuokkala V-T. 2017. Numerical 3D modelling of the effects of strain rate and confining pressure on the compressive behavior of Kuru granite. Computers and Geotechnics. 88:1-8. <https://doi.org/10.1016/j.compgeo.2017.03.004>

Saksala T, Jabareen M. 2019. Numerical modeling of rock failure under dynamic loading with polygonal elements. International Journal for Numerical and Analytical Methods in Geomechanics. 43(12):2056-2074. <https://doi.org/10.1002/nag.2947>

Mardalizad A, Saksala T, Manes A, Giglio M. 2020. Numerical modeling of the tool-rock penetration process using FEM coupled with SPH technique. JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING. 189. <https://doi.org/10.1016/j.petrol.2020.107008>

Saksala T. 2017. Numerical modelling of dynamic spalling test on rock with an emphasis on the influence of pre-existing cracks. Rakenteiden mekaniikka. 50(2):63-76. <https://doi.org/10.23998/rm.65303>

Pressacco M, Saksala T. 2018. Numerical modelling of fracture processes in thermal shock weakened rock. Litvinenko V, editor. In Geomechanics and Geodynamics of Rock Masses, Volume 1 Proceedings of the 2018 European Rock Mechanics Symposium. CRC Press. pp. 883-888.

Saksala T. 2020. Numerical modelling of pore-fluid-enhanced thermal spallation in granitic rock. *Rakenteiden mekaniikka*. 53(2):100-109. <https://doi.org/10.23998/rm.77645>

Saksala T. 2018. Numerical modelling of rock fracture with a Hoek-Brown viscoplastic-damage model implemented with polygonal finite elements. Litvinenko V, editor. In *Geomechanics and Geodynamics of Rock Masses, Volume 1: Proceedings of the 2018 European Rock Mechanics Symposium*. CRC Press. pp. 903-908.

Saksala T. 2017. Numerical modelling of rock materials with polygonal finite elements. *Rakenteiden mekaniikka*. 50(3):216-219. <https://doi.org/10.23998/rm.64643>

Pressacco M, Saksala T. 2020. Numerical modelling of thermal drilling of rock by heating-cooling cycle. In *Rock Mechanics for Natural Resources and Infrastructure Development - Full Papers: Proceedings of the 14th International Congress on Rock Mechanics and Rock Engineering (ISRM 2019), September 13-18, 2019, Foz do Iguassu, Brazil*. CRC Press. pp. 2547-2553. (Proceedings in Earth and geosciences). <https://doi.org/10.1201/9780367823177>

Saksala T. 2018. Numerical modelling of thermal spallation of rock. In *Proceedings of XII Argentine Congress on Computational Mechanics (MECOM2018)*. pp. 1567-1574. (*Mecánica Computacional*; 48).

Saksala T. 2019. Numerical modelling of underground tunnel in rock under seismic loading with polygonal finite elements. In *Earthquake Geotechnical Engineering for Protection and Development of Environment and Constructions: Proceedings of the 7th International Conference on Earthquake Geotechnical Engineering, (ICEGE 2019), June 17-20, 2019, Rome, Italy*. CRC Press. pp. 4808-4814. (Proceedings in Earth and geosciences). <https://doi.org/10.1201/9780429031274>

Kolisoja P. 2018. Nysse tulee - Tampere3 nimittäin. *Geofoor*. (48):27-28.

Saksala T. 2019. On the Strain Rate Sensitivity of Coarse-Grained Rock: A Mesoscopic Numerical Study. *Rock Mechanics and Rock Engineering*. 52(9):3229-3240. <https://doi.org/10.1007/s00603-019-01772-1>

Länsivaara T, Korkiala-Tanttu L. 2018. Otat näytteen vain kerran. In *Geotekniikan Päivä*. SGY.

Di Buo B, D'Ignazio M, Selänpää J, Länsivaara T. 2016. Preliminary results from a study aiming to improve ground investigation data. In *Proceedings of the 17th Nordic Geotechnical Meeting: Challenges in Nordic Geotechnics 25th-28th of May*. Reykjavik: Icelandic Geotechnical Society. pp. 187-197.

Selänpää J, Buò BD, Länsivaara T, D'Ignazio M. 2017. 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. pp. 121-131. (*Advances in Natural and Technological Hazards Research*). https://doi.org/10.1007/978-3-319-56487-6_10

Latvala J, Nurmikolu A, Luomala H. 2016. Problems with Railway Track Drainage in Finland. *Procedia Engineering*. 143:1051-1058. <https://doi.org/10.1016/j.proeng.2016.06.098>

D'Ignazio M, Phoon K-K, Tan SA, Länsivaara T, Lacasse S. 2017. Reply to the discussion by Mesri and Wang on "Correlations for undrained shear strength of Finnish soft clays". *Canadian Geotechnical Journal*. <https://doi.org/10.1139/cgj-2017-0114#.WiUscmeXcTU>

Kuula P, Kolisoja P, Sjöberg M, Ketola T, Koivisto K, Forsman J, Dettenborn T, Jyväre H 2015. Selvitys UUMA-materiaalien teknisen kelpoisuuden arviointiin liittyvistä testausstandardeista ja -menetelmistä (1. vaihe), 29.12.2014. Ramboll. (UUMA 2, Uusiomateriaalit maarakentamisessa ohjelma 2013-2015).

D'Ignazio M, Länsivaara T. 2015. Shear bands in soft clays: strain-softening behavior in finite element method. *Rakenteiden mekaniikka*. 48(1):83-98.

Luomala H. 2016. Sleepers.

Tuominen J, Lipping T. 2016. Spatial variability of reed bed spectra in Olkiluoto Island. In 2016 IEEE International Geoscience and Remote Sensing Symposium (IGARSS),: July 10-15, Beijing, China. IEEE. pp. 7188-7191. (IEEE International Geoscience and Remote Sensing Symposium Proceedings). <https://doi.org/10.1109/IGARSS.2016.7730875>

Luomala H, Peltokangas O, Nurmikolu A. 2014. Stiffmaster - A continuous track stiffness measurement device. In GEORAIL 2014 : 2nd International symposium - Railway geotechnical engineering, 6-7 November 2014, France. IFSTTAR. pp. 109-118.

D'Ignazio M, Länsivaara T. 2016. Strength increase below an old test embankment in Finland. In The 17th Nordic Geotechnical Meeting: Conference proceedings. Reykjavik: Icelandic Geotechnical Society. pp. 357-366.

Vatanshenas A, Mori T, Farhadi MS, Länsivaara T. 2020. Stress-strain hysteresis shape estimation of different soils using deformation-history integral (DHI) model. MATERIALS PHYSICS AND MECHANICS. 44(2):221-228. https://doi.org/10.18720/MPM.4422020_6

Hui N, Parajuli A, Puhakka R, Grönroos M, Roslund MI, Vari HK, Selonen VAO, Yan G, Siter N, Nurminen N, Oikarinen S, Laitinen O, Rajaniemi J, Hyöty H, Sinkkonen A. 2019. Temporal variation in indoor transfer of dirt-associated environmental bacteria in agricultural and urban areas. Environment International. 132(November 2019). <https://doi.org/10.1016/j.envint.2019.105069>

Kalliainen A, Haakana V, Korhonen M, Mäkinen J, Kolisoja P 2016. Teräsrumpujen uudet korjausmenetelmät: Halkaistu sisäputki, puolipohjaus ja pohjan betonointi. Liikennevirasto. 70 p. (Liikenneviraston tutkimuksia ja selvityksiä).

D'Ignazio M. 2015. Test in scala reale su argille sensibili: l'esperienza finlandese. In 5 IAGIG, Incontro Annuale dei Giovani Ingegneri Geotecnici. Rome.

Pakkala T, Lemberg A-M, Lahdensivu J. 2016. The effect of climate change on freeze-thaw durability of concrete structures in Finland. Paper presented at OCEANEXT : Interdisciplinary Conference, .

Du L, Prasauskas T, Leivo V, Turunen M, Kiviste M, Martuzevicius D, Haverinen-Shaughnessy U. 2016. The effects of improved energy efficiency on indoor environmental quality in multi-family buildings. In Indoor Air 2016: The 14th international conference of Indoor Air Quality and Climate Ghent, Belgium July 3-8 2016.

Hartikainen J, Claesson Liljedahl L, Kolisoja P, Kontula A, Kouhia R, Näslund J-O, van As D, Zwinger T. 2018. Thermal Evolution of a Holocene Arctic Environment in Western Greenland.

Saksala T. 2020. Thermal shock assisted percussive drilling: A numerical study on the single-bit axisymmetric case. International Journal of Rock Mechanics and Mining Sciences. 132. <https://doi.org/10.1016/j.ijrmms.2020.104365>

Saksala T, Ibrahimbegovic A. 2020. Thermal shock weakening of granite rock under dynamic loading: 3D numerical modeling based on embedded discontinuity finite elements. International Journal for Numerical and Analytical Methods in Geomechanics. 44(13):1788-1811. <https://doi.org/10.1002/nag.3107>

Kuula P 2015. Tien ja radan sitomattomissa rakennekerroksissa käytettävien kiviainesten lujuuden ja hienontumisen tutkiminen : kirjallisuusselvitys. 2015 ed. Helsinki: Liikennevirasto. 115 p. (Liikenneviraston tutkimuksia ja selvityksiä; 68).

Vuorimies N, Kalliainen A, Rossi J, Kolisoja P, Varin P, Saarenketo T 2018. Tierakenteen rasittuminen yli 76 tonnin HCT-yhdistelmien koekuormituksissa vuosina 2015 - 2017: Liikenneviraston tutkimuksia ja selvityksiä 63/2018. Liikennevirasto. 115 p.

- Luomala H. 2016. Tutkimusohjelma Elinkaaritehokas RAta (TERA): Kokonaisvaltainen ote ratarakennetutkimukseen.
- D'Ignazio M 2016. Undrained shear strength of Finnish clays for stability analyses of embankments. Tampere University of Technology. 178 p. (Tampere University of Technology. Publication).
- Juuti P, Rajala R. 2017. Valkea kaupunki, mustat vedet. *Vesitalous*. 2017(1):15-17.
- Knuuti M, Länsivaara T. 2019. Variation of CPTu-based transformation models for undrained shear strength of Finnish clays. *Geoteknisk*. 13(4):262-270. <https://doi.org/10.1080/17499518.2019.1644525>
- Länsivaara T. 2015. Varmuuden kohdentaminen geotekniikassa, miten Eurokoodeja voisi kehittää?. In *Geotekniikan päivä 2015*. SGY.
- Kuuluvainen H, Poikkimäki M, Järvinen A, Irjala M, Dal Maso M, Niemi JV, Timonen H, Keskinen J, Rönkkö T. 2018. Vertical profiles of lung deposited surface area concentration of particulate matter measured with a drone in an urban street canyon. Paper presented at 11th International Conference on Air Quality - Science and Application, Barcelona, Spain.
- Kuuluvainen H, Poikkimäki M, Järvinen A, Kuula J, Irjala M, Dal Maso M, Keskinen J, Timonen H, Niemi JV, Rönkkö T. 2018. Vertical profiles of lung deposited surface area (LDSA) concentration measured with a drone in an urban street canyon (MP-17). Paper presented at Aerosol Technology 2018, Bilbao, Spain.
- Inha L, Katko TS, Rajala R. 2019. Vesihuollon instituutiot vaativat taitavaa jalkapallopelejä. *Rakennustekniikka*. 75(3):38-40.
- Katko TS, Hukka JJ. 2016. Vesihuollon strateginen kehittäminen haltuun: Ydin- ja tukitoiminnon tarpeen hahmottaa selkeästi. *Kuntatekniikka*. 70(2):12-13.
- Katko TS, Inha L, Rajala R. 2019. Vesihuolto yhdyskuntien ympäristön turvaajana: uskomuksia ja todellisuuksia. *Ympäristökasvatus*. (2).
- Katko TS. 2018. WC-tilat ja -opasteet vain likana silmissämme?. *Kuntatekniikka*. 72(4):45.