

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, [103849]. <https://doi.org/10.1016/j.compgeo.2020.103849>

Leppänen, M. M., & 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*. 123. 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* (pp. 894-902). [193] Hamburg: German Acoustical Society (DEGA).

Luomala, H. (2016, Nov 29). 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* (pp. 3834-3841). [503] Hamburg: German Acoustical Society (DEGA).

D'Ignazio, M., Mansikkamäki, J., & Länsivaara, T. (2014). Anisotropic total and effective stress stability analysis of the Perniö failure test. In M. A. . Hicks, R. B. . J. . Brinkgreve, & A. Rohe (Eds.), *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* (pp. 609-614). CRC Press Taylor & Francis Group; A Balkema book. <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* (pp. 486-491). IOS Press.

Parviainen, A., Loukola-Ruskeeniemi, K., Tarvainen, T., Hatakka, T., Härmä, P., Backman, B., ... 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-M. E. (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.

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, Nov 24). Ballast bed.

Köliö, A., Pakkala, T., Lahdensivu, J., & Pentti, M. (2016). *Betonirakenteiden korjausohjeet 2016, by 41*. Suomen Betoniyhdistys r.y.

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

Mönkäre, T. J., Palmroth, M. R. T., & Rintala, J. A. (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., ... Rönkkö, T. (2017). *Chasing measurements for real-world emissions of city buses*. Paper presented at European Aerosol Conference 2017, Zürich, Switzerland.

Sormunen, L. A., 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, B. M., Suominen, A., Katko, T. S., 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. [04AF23059936]. <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* (pp. 649-656). Ranska: IFSTTAR.

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* [822]

D'Ignazio, M., Phoon, K. K., Tan, S. A., & 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, S. A., Selänpää, J., & Länsivaara, T. (2017). Determination of remoulding energy of sensitive clays. In *Landslides in Sensitive Clays: From Research to Implementation* (pp. 97-107). (Advances in Natural and Technological Hazards Research; Vol. 46). Springer. 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* (Vol. 1, pp. 226-234). Springer. https://doi.org/10.1007/978-981-13-2221-1_19

D'Ignazio, M., Jostad, H. P., 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* (pp. 146-154). (Advances in Natural and Technological Hazards Research; Vol. 46). Springer. https://doi.org/10.1007/978-3-319-56487-6_13

D'Ignazio, M., Lunne, T., Andersen, K. H., 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)* (pp. 571-577). CRC Press.

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 Dissertations; Vol. 222). Tampere University.

D'Ignazio, M., Länsivaara, T., & Jostad, H. P. (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, S. N., Hansen, S. F., Baun, A., Spurgeon, D., Matzke, M., Schirmer, K., ... 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. In J. Vinha, & T. Ruuska (Eds.), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere* (pp. 233-238). Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.

Loukola-Ruskeeniemi, K. (Ed.), Lonka, H. (Ed.), Ehrukainen, E., Gustafsson, J., Honkanen, M., Härmä, P., ... Aalto, M. (2015). *Kiviaines- ja luonnonkiviteollisuuden kehitysnäkymät*. (Työ- ja elinkeinoministeriön julkaisuja; Vol. 2015, No. 54). Helsinki: Työ- ja elinkeinoministeriö.

Härmä, P., Tarvainen, T., Backman, B., Hatakka, T., Ketola, T., Kuula, P., ... Loukola-Ruskeeniemi, K. (2014). *Kiviainesten otto arseenialueilla - opas kiviainesten tuottajille, maarakentajille ja viranomaisille*. Espoo: GEOLOGIAN TUTKIMUSKESKUS.

- Latvala, J. (2015). *Konvektiivinen lämmönsiirtyminen ratapenkereessä*. (Liikenneviraston tutkimuksia ja selvityksiä). Liikennevirasto.
- Tuominen, E., & Vinha, J. (2015). Laastien vedenimukertoimen määrittämisen virhelähdekokeet. In J. Vinha, & T. Ruuska (Eds.), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere* (pp. 239-244). Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.
- Ruuska, T., & Vinha, J. (2015). Laastin ja betonin lämmönjohtavuuden ja ominaislämpökapasiteetin määrittäminen lämpövirtalevyllä. In J. Vinha, & T. Ruuska (Eds.), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere* (pp. 227-232). Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.
- Leppänen, M., Välisalo, T. (Ed.), & Laasonen, J. (2014). Liite 6: Yleistä kaivannaisjätealueista ja patoturvallisuudesta. In *Kaivosten stressitesti 2013* (Ympäristöministeriön raportteja). Ympäristöministeriö.
- 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), [182]. <https://doi.org/10.3390/geosciences10050182>
- Sormunen, L. A., & 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, N. D., Vani, B. C., 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*, [22]. <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, Nov 24). 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*, [107008]. <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. In V. Litvinenko (Ed.), *Geomechanics and Geodynamics of Rock Masses, Volume 1 Proceedings of the 2018 European Rock Mechanics Symposium* (pp. 883-888). CRC Press.

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. In V. Litvinenko (Ed.), *Geomechanics and Geodynamics of Rock Masses, Volume 1: Proceedings of the 2018 European Rock Mechanics Symposium* (pp. 903-908). CRC Press.

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* (pp. 2547-2553). (Proceedings in Earth and geosciences; Vol. 6). CRC Press. <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; Vol. 36, No. 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* (pp. 4808-4814). (Proceedings in Earth and geosciences ; Vol. 4). CRC Press. <https://doi.org/10.1201/9780429031274>

Kolissoja, 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 Geotechnic 25th-28th of May* (pp. 187-197). Reykjavik: Icelandic Geotechnical Society.

Selänpää, J., Buò, B. D., 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* (pp. 121-131). (Advances in Natural and Technological Hazards Research; Vol. 46). Springer. 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, S. A., 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., Kolissoja, P., Sjöberg, M., Ketola, T., Koivisto, K., Forsman, J., ... Jyvära, H. (2015). *Selvitys UUMA-materiaalien teknisen kelpoisuuden arviointiin liittyvistä testausstandardeista ja -menetelmistä (1. vaihe)*, 29.12.2014. (UUMA 2, Uusiomateriaalit maarakentamisessa ohjelma 2013-2015). Ramboll.

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

Luomala, H. (2016, Nov 24). 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* (pp. 7188-7191). (IEEE International Geoscience and Remote Sensing Symposium Proceedings). IEEE. <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* (pp. 109-118). IFSTTAR.

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

Vatanshenas, A., Mori, T., Farhadi, M. S., & Lämsivaara, 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, M. I., Vari, H. K., ... Sinkkonen, A. (2019). Temporal variation in indoor transfer of dirt-associated environmental bacteria in agricultural and urban areas. *Environment International*, 132 (November 2019), [105069]. <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*. (Liikenneviraston tutkimuksia ja selvityksiä). Liikennevirasto.

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*. 53. 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* [737]

Hartikainen, J., Claesson Liljedahl, L., Kolisoja, P., Kontula, A., Kouhia, R., Näslund, J-O., ... Zwinger, T. (2018). *Thermal Evolution of a Holocene Arctic Environment in Western Greenland*. 122.

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, [104365]. <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.) (Liikenneviraston tutkimuksia ja selvityksiä; Vol. 2015, No. 68). Helsinki: Liikennevirasto.

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.

Luomala, H. (2016, Nov 15). 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. Publication; Vol. 1412). Tampere University of Technology.

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. *Georisk*, 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, J. V., ... 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., ... Rönkkö, T. (2018). *Vertical profiles of lung deposited surface area (LDSA) concentration measured with a drone in an urban street canyon (MP-17)*. 73. Paper presented at Aerosol Technology 2018, Bilbao, Spain.

Inha, L., Katko, T. S., & Rajala, R. (2019). Vesihuollon instituutiot vaativat taitavaa jalkapallopeleä. *Rakennustekniikka*, 75(3), 38-40.

Katko, T. S., & Hukka, J. J. (2016). Vesihuollon strateginen kehittäminen haltuun: Ydin- ja tukitoiminnon tarpeen hahmottaa selkeästi. *Kuntatekniikka*, 70(2), 12-13.

Katko, T. S., Inha, L., & Rajala, R. (2019). Vesihuolto yhdyskuntien ympäristön turvaajana: uskomuksia ja todellisuuksia. *Ympäristökasvatus*, (2).

Katko, T. S. (2018). WC-tilat ja -opasteet vain likana silmissämme? *Kuntatekniikka*, 72(4), 45.