

# KTH, Department of Civil and Architectural Engineering

## Conference Articles

### 2013

Rasmus Müller and Stefan Larsson, *Some aspects related to design of vertical drains in soft soil*, Proc. 18th International Conference for Soil Mechanics and Geotechnical Engineering , 2013,Paris,

Johan Spross, Fredrik Johansson and stefan Larsson, *Reducing uplift pressure uncertainty with measurements under concrete dams*, In Proceedings ICOLD 2013 International Symposium, 2013,Seattle, Washington, 2551-2560,

Guangli Du and Raid Karoumi, *Environmental life cycle assessment comparison between two bridge types: reinforced concrete bridge and steel composite bridge*, 2013,Kyoto, Japan,

Navid Gohardani and Folke Björk, *A Simplified Approach Towards Net Zero Energy Buildings: The Early Stage Primary Energy Estimation Tool*, Proceedings of the 3rd Building Enclosure Sustainability Symposium - Sustainable Buildings Conference 2013, 2013,Pomona, California, U.S.A, ISBN 978-1-304-14665-6,Pablo La Roche, Judson Taylor, 159-164,

Rainer Massarsch and Carl Wersäll, *Cumulative Soil Displacement due to Pile Driving in Soft Clay*, Geotechnical Special Publications (GSP) GSP 230 , 2013,Seattle,

Carl Wersäll and Rainer Massarsch , *Soil Heave due to Pile Driving in Soft Clay*, Geotechnical Special Publications (GSP) GSP 230 , 2013,Seattle,

Rasmus Müller and Stefan Larsson, *Some aspects related to design of vertical drains in soft soil*, Proc. 18th International Conference for Soil Mechanics and Geotechnical Engineering , 2013,Paris,

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Jean-Marc Battini, *Non-linear influence of the ballast on vibrations of railway bridges*, CST 2012 - Eleventh International Conference on Computational Structures Technology, 2012,Dubrovnik, Croatia 4-7 Sept 2012,

Carl Wersäll, Anders Bodare and Rainer Massarsch, *Frequency content of vertical ground vibrations caused by surface impact*, The 9th International Conference on Testing and Design Methods for Deep Foundations, 2012,Kanazawa, 877-884,

Navid Gohardani and Folke Björk, *A Simulation Approach Towards A Sustainable Building Design Based on Energy Analysis*, Proceedings of the 2012 International Conference on Sustainable Design and Construction, 2012,Fort Worth, Texas, U.S.A., Wai Kiong, Oswald Chong, Jie Gong, Jae Chang, Mohsin Khalid Siddiqui, 29-36,

Mohammed Al-Naqshabandy, Niclas Bergman and Stefan Larsson, *Effect of spatial variability of the strength properties in lime-cement columns on embankment stability*, Grouting and Deep Mixing, ASCE Geotechnical Special Publication, 2012,New Orleans, LA , No. 228, 231-242,

Muhammed Al-Naqshabandy and Stefan Larsson, *Partial factor design for a highway embankment founded on lime-cement columns*, ISSMGE – TC 211 International Symposium on Ground Improvement IS-GI Brussels, 2012,Brussels, 3, 3-12,

Mohammed Hjjaj, Quang Huy Nguyen and Jean-Marc Battini, *Geometrically nonlinear analysis of shear deformable composite members with partial interaction*, ASCCS 2012 - Advances in Steel Concrete Composite and Hybrid Structures, 2012,Singapore 2-4 July 2012,

Navid Gohardani and Folke Björk, *Economic and Environmental Benefits Related to a Sustainable Building Refurbishment*, BSA 2012 Proceedings of the 1st International Conference on Building Sustainability Assessment, 2012,Porto, Portugal,

Lars Pettersson, John Leander and Lars Hansing, *Fatigue design of soil steel composite bridges*, Archives of Institute of Civil Engineering, 2012,Rydzyna, Poland,

Guangli Du and Raid Karoumi, *Environmental comparison of two bridge alternative designs*, fib Symposium:Concrete Structures for Sustainable Community, 2012,Stockholm, Dirch H. Bager & Jphan

Silfwerbrand, Swedish Concrete Association,

Jalaleddin Yaghoobi Rafi, Mehdi Bagheri and Håkan Stille, *Applying Real Time Grouting Control Method in Sedimentary Rock*, routing and Deep Mixing, ASCE Geotechnical Special Publication, 2012, New Orleans, LA, No. 228, 1450-1459,

Ulf Håkansson, Mashuqur Rahman and Johan Wiklund, *In-line measurements of rheological properties of cement-based grouts – Introducing the UVP-PD method*, Grouting and Deep Mixing, ASCE Geotechnical Special Publication, 2012, New Orleans, LA, No. 228, 1023-1034,

Almir Draganovic and Håkan Stille, *Bleeding and bleeding measurements of cement-based grout*, Grouting and Deep Mixing, ASCE Geotechnical Special Publication, 2012, New Orleans, LA, No. 228, 1681-1690,

M. Safi, H. Sundquist, R. Karoumi and G. Racutanu, *Life-Cycle Costing Applications for bridges and Integration with Bridge Management Systems: Case-Study of the Swedish Bridge & Tunnel Management System (BaTMan)*, Transportation Research Board's 91 Annual meeting (TRB), The Annual Meeting Compendium of Papers, 2012, USA,

Navid Gohardani and Folke Björk, *On The Application Of Simulation Tools In Building Design With Emphasis On Sustainability*, Sustainability in Energy and Buildings: Research Advances, 2012, Stockholm, Sweden, Robert Howlett, Vol. 1: Sustainability in Energy and Buildings 2012, 24 - 26, Future Technology Press,

## 2011

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Sara Olsson, Emma Östmark, Rebecca E. Ibach, Craig M. Clemons, B. Kristoffer Segerholm and Finn Englund, *The use of esterified lignin for synthesis of durable composites*, Proceedings of the 7th meeting of the Nordic-Baltic Network in Wood Material Science and Engineering (WSE), 2011, Oslo, Norway, ISBN 1891-7933. ISBN 978-82-311-0139-0, Larnøy E. and Alfreidsen G., 173-178,

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