



Porous Materials and Permeable Pavement Technology for China's Sponge City Initiative

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Date: 6 March 2019 (Wednesday)

Time: 14:00 - 15:00

Venue: Room Z410, 4/F, Block Z,
The Hong Kong Polytechnic
University
181 Chatham Road South,
Hung Hom, Kowloon,
Hong Kong

ABSTRACT

China's Spongy City National Plan was initiated in 2015 as the urban stormwater runoff management strategy to reduce flooding risk, mitigate water pollution and reuse rainwater resource. This presentation is to give an overview of the China's Spongy City National Plan, including concept, policy, and technology system. An introduction to permeable pavement technologies and its potential applications in Spongy Cities will be also presented as well as the issues and research needs associated to permeable pavement.

SPEAKER'S BIOGRAPHY

Prof. Hui Li is a Professor in the College of Transportation Engineering at Tongji University, China. He completed his Ph.D. in Civil and Environmental Engineering at University of California Davis, and holds a B.S. in Civil Engineering and a M.S. in Highway and Railway Engineering from the Southeast University, China. He also holds a M.S. in Environmental & Resource Economics from University of California, Davis. His research interests include sustainable and resilient transportation infrastructure, impact of climate change on infrastructure, sustainable development in built environment, environmental impact assessment, life cycle assessment, and numerical modeling and simulation. Prof. Li has authored or co-authored over 50 publications. He is/was member in multiple TRB committees, RILEM Committee of Engineered Healing of Asphalt Concrete (EHA), ACI Committee of Sustainability of Concrete (ACI 130) and Pervious Concrete (ACI 522), and International Association of Life Cycle Civil Engineering (IALCCE). He is Associate Editor for International Journal of Transportation Science and Technology (IJTST), Corresponding Expert for Engineering (Elsevier, Chinese Academy of Engineering) and Editorial Board Member for Transportation Research Part D: Transport and Environment (Elsevier).

*** All Interested Are Welcome ***

For further information, please contact Dr Z. Leng at Tel. 27666007

Free Admission. Please reserve your seat with Mr Zhifei Tan: zhi-fei.tan@connect.polyu.hk.
Certificates of attendance will be provided to participants if they attend the whole lecture.