



DEPARTMENT OF CIVIL ENGINEERING

SEMINAR

Toward nature-based stormwater management – Finnish lessons**Professor Harri Koivusalo**Aalto University School of Engineering
Finland

Date: 20 September 2024 (Friday)

Time: 10:30 a.m. – 12:00 p.m.

Venue: Room 612B, 6/F Haking Wong Building, The University of Hong Kong

ABSTRACT

Climate change is altering water resources management in northern conditions. There is raising awareness to improve stormwater management in the cities and built areas. The presentation addresses recent studies in northern Europe regarding sustainable stormwater management and hydrological response to changing weather conditions. Recent high spatial and temporal climate scenarios can improve urban hydrological assessments, but future precipitation evolution remains a challenge.

ABOUT THE SPEAKER

Harri Koivusalo is professor of water resources engineering at the Aalto University School of Engineering. He investigates catchment hydrological processes across land uses. His experience covers hydrological modelling and computational methods for assessing agricultural and forest waters, and urban stormwater management systems. He has recently focused on the impacts of climate warming on the water cycle and resources in cold regions. Koivusalo is currently the leader of Water and Environmental Engineering Research group at Department of Built Environment at Aalto (<https://www.aalto.fi/en/departments-of-built-environment/water-and-environmental-engineering>).

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