



Emerging trends in modelling integrated urban water systems

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ABSTRACT

Emerging trends in integrated urban water management strategies require understanding of the dynamic interactions of hybrid centralised/decentralised urban water systems. They operate a diversity of water supply sources, wastewater and stormwater resources recovery, and water management for multiple benefits that include enhancing urban liveability. From a UDM standpoint, our ability to reflect the social-technical interplay of urban planning and design of urban infrastructure, under a variety of future landuse and climate change scenarios, will define our capacity to influence the development or transformation of cities into resilient, liveable and sustainable places. This lecture outlines some of these emerging trends.