

Smart Water Cities: What are they? How to measure and compare them?

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The concept of “smart city” denotes an optimistic aspiration to dealing with the many challenges that world cities face nowadays and in the future. It evokes a promise of highly efficient and effective provision of urban services and a better quality of life via the application of information and communication technologies in various sectors of the urban environment (including water, transport, energy, education, etc.).

But what are Smart Water Cities? How can we identify a “Smart Water City” when we see one? This presentation aims at elucidating the concept of Smart Water City and examining the means to measure and compare the performance of smart water resources management and service provision in cities around the world. To do so, the presentation will examine the principal features that define a Smart Water City, provide illustrative examples of smart water management in cities, and offer an approach to defining water-related categories and indicators that can help us measure and compare how “smart” cities are performing.