

United Nations In Educational, Scientific and F Cultural Organization F

nd International Hydrological on Programme

Disseminating knowledge for integrated urban water management

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UNESCO

Division of Water Sciences – International Hydrological Programme



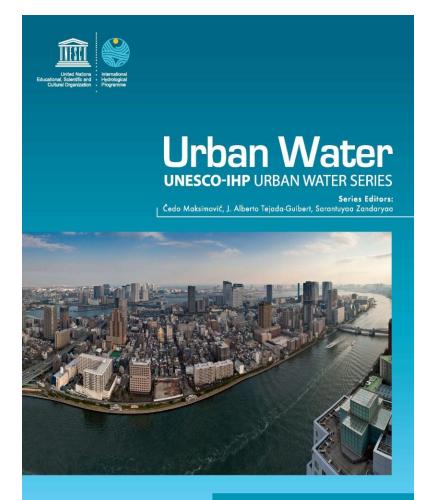
Integrated Urban Water Management

- Effective management of urban water should be based on a scientific understanding of the impact of human activity on both the **urban hydrological cycle** – including its processes and interactions – and the environment.
- Such anthropogenic impacts, which vary broadly in time and space, need to be quantified with respect to:
 - hydrological conditions
 - $\,\circ\,$ the availability and quality of water resources
 - environmental factors
 - o local climate
 - urban development
 - $\circ~$ institutional framework and water governance
 - cultural and socioeconomic contexts.



Programme

UNESCO-IHP Urban Water Series

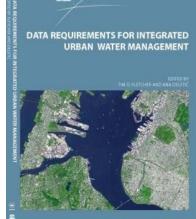


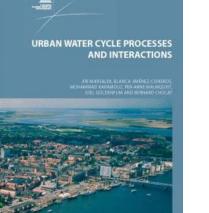
International Hydrological Programme Division of Water Sciences

- Addresses fundamental issues related to the role of water in cities and effects of **urbanization on** the hydrological cycle and water resources
- Focuses on **integrated** approaches to urban water management
- Provides scientific and practical information (case-studies) on integrated urban water management

UNESCO-IHP Urban Water Series





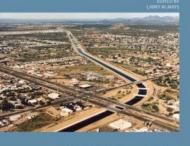










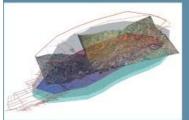






ADVANCED SIMULATION AND MODELLING FOR URBAN GROUNDWATER

MANAGEMENT - UGROW



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UNESCO-IHP Urban Water Series

A valuable knowledge and information source for urban water practitioners, policy-makers and educators throughout the world.

Translated in other language editions (Chinese and Farsi)

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