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Urban Water Security and Sustainable Development

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Message from the Guest Editors

Dear Colleagues,

In the 21st century, the world will see an unprecedented migration of people moving from rural to urban areas. With global demand for water projected to outstrip supply in the coming decades, cities will likely face water insecurity as a result of climate change and the various impacts of urbanization. Traditionally, urban water managers have relied on large-scale, supply-side infrastructural projects to meet increased demands for water; however, these projects are environmentally, economically, and politically costly. The field of urban water security argues that cities need to transition from supply-side to demand-side management to achieve urban water security and sustainable development. The differing climates, incomes, lifestyles, and urban-level technical, environmental, ecosystem and socio-economic indicators from around the world need to be deliberated for urban water security, in consideration of the trade-off between urbanization and water security. [...]

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Special Issue



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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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