Special Issue

Water Quality Assessments for Urban Water Environment

Message from the Guest Editor

Worldwide demand for freshwater resources is continuously increasing to satisfy the need for increasing population and growing economies. Further, both biophysical and social patterns and processes are interacting in ways that increase pressure on water and lead to water scarcity. However, existing sanitation systems and land use management frameworks are inadequate, meaning that without transformational changes, these cities will fall well short in meeting the growing demands for resources. In addition, global changes (urbanization and climate change) will further aggravate the challenges for different entities involved in water planning and management. This Special Issue strives to highlight the gaps, opportunities, and challenges, lessons learned from past experiences for estimating current status and future predictions of water resources in the context of urban spaces/cities, as well as up to what extent scientific innovations have contributed significantly to resolve these issues, and, finally, what the way forward is for the better science-policy we need to create to achieve global goals, e.g., SDGs at local level in a timely manner.

Guest Editor

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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.

Editor-in-Chief

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