



Water Resources Systems Quality and Quantity Management

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Message from the Guest Editors

Dear Colleagues,

Sustainable beneficial use of water as renewable resource to meet demands and ensuring its quality will be the most important and challenging issue confronting human population in most parts of the world. Efficient and economic management of surface and groundwater quality and quantity is essential to survival.

Therefore, this special issue invites important original contributions to all aspects of managing water resources in terms of quantity and quality, both regional scale and local scale. Topics may include but are not limited to:

- multiple criteria decision models
- optimal management
- Artificial Intelligence techniques application
- contamination remediation
- saltwater intrusion
- drought prediction and management
- geochemical processes
- monitoring for compliance and detection
- water infrastructure
- source characterization
- environmental impacts

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Guest Editor





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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