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Sustainable Water Management under Global Environmental Change

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

A societal transformation towards sustainability is globally needed. Water management should be seen as part of this transformative change process. It is a process that regulates the development and management of water resources and affects the articulation between the bio-physical system and the social-economic system of water. It includes evolving processes of climatic, geomorphologic, hydrologic, ecological, social, economic, cultural and institutional systems and their linkages. Global climate and socio-economic changes are impacting these processes in less predictable ways. Understanding and modelling the non-stationarity shifts of these processes is one of the major challenges for sustainable water management. This Special Issue, entitled “Sustainable Water Management under Global Environmental Change” aims to contribute to addressing this challenge. We encourage multiple disciplinary submissions from natural science to social sciences which help improve the understanding of some of these processes, in particular their linkages of water management with empirical and/or analytical approaches on one of several management issues: water scarcity, water quality, flood/drought mitigation, food production, hydropower generation, and public environmental water allocation.

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Guest Editor



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Special Issue



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Editor-in-Chief

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Twente Water Centre, University
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Message from the Editor-in-Chief

The relevance of water in human development and sustaining life, fuels general and scholarly interest in the world's water resources. A better understanding of all aspects of water and its relation to food supply, energy production, human health, and the functioning of ecosystems is key in managing this precious resource in a sustainable, efficient and equitable manner. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications. We ensure a critical review process and a quick turnaround between submission and final decision.

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