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Sustainable Management of Agricultural Water

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Message from the Guest Editor

In many parts of the world, food security and environmental sustainability are threatened by issues with water scarcity and quality. Agriculture faces the challenges of reducing land degradation and emissions, preventing further pollution and reducing the loss of environmental services while sustaining production levels. Responses must include climate-smart land management attuned to variations in soil and water processes. Management options are available to increase productivity, and production levels of innovative management and technology can be scaled toward sustainable agrifood systems. However, no progress can be made without the planning and management of land, soil and water resources through effective land and water governance.

This Special Issue, entitled Sustainable Management of Agricultural Water , focuses on water and soil resources and the ecological environment; irrigation and drainage technology; rainwater resources; the combined utilization of surface water, soil water and groundwater; and soil and water loss. We welcome papers that report on these issues at local, regional and global scales.

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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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