

Innovation Issues in Water, Agriculture and Food

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Message from the Guest Editors

Agriculture's first challenge is to produce enough food for a continued increase in population, in a context where the increased demand for food is associated with ever-growing competition for water and land, climate change and uncertainty, man-made and droughts of water scarcity, *et al.* Facing such a challenging context implies innovative issues in agricultural water management, particularly in irrigation to cope with water scarcity, environmental friendliness, and rural society welfare. Innovation issues in the water–agriculture–food complex aim at various essential problems and objectives.

This Special Issue is expected to include a diversity of approaches on water and agriculture aiming at food production, and thus focused on irrigation water use. In this Special Issue, submissions should focus on irrigation crops management, water saving, use of wastewater and recycling, irrigation methods and systems design, water conveyance and distribution systems, improved yields and crop production, food quality impacts of irrigation, as well as coping with climate change, irrigation water governance and environmental and social impacts of irrigation.





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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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