



water

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Innovative Strategies and Management Practices for Improving Product Quality and Resource Use Efficiency in Agriculture

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Deadline for manuscript
submissions:

closed (20 June 2024)

Message from the Guest Editors

To meet the growing demand for high-quality food by a growing global population, within a context of limited resources (arable land, water, nutrients), the primary challenge of agriculture is to produce better and more, using resources sparingly and increasing the efficiency of their use, in order to reduce the environmental impact and promote the role of agriculture in sustainable development.

All types of manuscript (original research, reviews, short communications, letter to editor and discussion) are welcome.

Articles may include, but are not limited to, the following topics:

- Agronomic practices (e.g., water and nutrient management, cultivars, sowing/planting methods, mulching, soil management) that can lead to water and nutrient savings;
- Irrigation and fertilization strategies and techniques that improve product quality, water use efficiency and fertilizers productivity;
- Precision agriculture techniques to optimize water and fertilizer input and obtain high-quality products;
- Assessment of agricultural production processes' sustainability as affected by the adoption of innovative agronomic practices, with a focus on water and nutrient management.



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Special Issue



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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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