Special Issue

Innovative Approaches to Improve Crop Water Productivity under Irrigated Conditions

Message from the Guest Editors

Irrigated agriculture represents 20 percent of total cultivated land, but contributes 40 percent of the total food produced worldwide. With a growing global population, food demand may increase by nearly 60% by 2050. Irrigated agriculture is facing challenges as water supplies are declining due to climate change and competition from other stakeholders. To sustain irrigated agriculture and meet future food needs, research is required to maximize crop water productivity (yield per unit water used by the crop). Please share your success stories from research in irrigated regions around the world in this Special Issue. Submissions on the following topics (but not limited to) are invited: 1) Innovative and novel application of conventional approaches for irrigation management; 2) Agronomic practices related to crop productivity under limited water; 3) Advanced techniques, such as remote sensing, for farm-scale irrigation scheduling ; 4) Optimum regulated deficit irrigation strategies; and 5) Decision support tools and modeling.

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Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

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