Special Issue

Sustainable Management and Regulation of Agricultural Water Resources in the Context of Global Climate Change, 2nd Edition

Message from the Guest Editors

This Special Issue aims to identify historical and future trends and changes in crop evapotranspiration and irrigation amount, to evaluate the effect of agronomic measurements, irrigation technologies, biological water-saving technologies and water policy regulations on improving water use efficiency, and to propose sustainable pathways for adapting future climate change, especially future extreme climate events. Research areas may include (but are not limited to) the following:

- Map the temporal and spatial variations of crop evapotranspiration;
- Observe and project the impacts of climate change on agricultural or crop water use;
- Evaluate agronomic and irrigation water-saving technologies for enhancing adaptation of food production to climate change;
- Biological water-saving technologies including cultivars and physiology for improving agricultural water use efficiency;
- Water policy initiatives for sustainable agriculture water management under climate change
- Scale effect of agricultural water use estimation;
- Contribution of blue water and green water toward water scarcity mitigation.

Guest Editors

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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