Special Issue

Model Application for Sustainable Agricultural Water

Message from the Guest Editors

Dear colleagues, Since mid-20th century, crop models have been developed for quantitative assessment of cropping systems. With a growing population and climate change, increasing demands for water intensify competition between stakeholders in agriculture. This Special Issue offers the opportunity to publish research on “Model Application for Sustainable Agricultural Water”. Contributions are sought from modeling communities across the world that deal with agricultural systems. The primary topics include, but are not limited to:

- Field to regional-scale management of agricultural water-resources
- Sustainable agricultural water-management under climate change
- The water productivity of food crops and bioenergy crops
- The management of salinity in irrigated agriculture and the use of saline water for crop growth
- Water reuse and wastewater for irrigation
- The environmental effects of agricultural water use and management

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