

Special Issue

Toward Digital Drought Management in Irrigated Agriculture: Challenge, Opportunity and Application

Message from the Guest Editor

One very effective way to mitigate some of these costs and potential catastrophic losses in irrigated agriculture is to use fast-moving technology. This Special Issue aims to share digital farming experiences, technology, and skillsets to improve valued-added irrigated agriculture, with a particular focus on: improving drought forecasting, monitoring, and outlook using big data; increasing productivity in irrigated agriculture using remote sensing technologies; promoting pest management strategies associated with drought; advancing irrigation technology with innovative solutions; integrating wireless sensor networks with the Internet of Things (IoT) and/or AI for drought management; exploring drought management alternatives by working with stakeholders in a changing climate; and discussing future digital farming practice in a changing global environment possibly affected by COVID-19.

Guest Editor

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Editor-in-Chief

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