



Special Issue on Irrigation and Water Conservancy

Call for Papers

Climate change, water supply limits, and continued population growth have intensified the search for measures to conserve water in irrigated agriculture, the world's largest water user. Many countries have inadequate water supplies to meet their current urban, environmental, and agricultural needs. In the face of increased water scarcity, population and water demands continue to grow. The challenge is to grow enough food for 2 billion more people over the next 50 years while supplying growing urban and environmental needs for water. Some analyses have estimated that 60% of added food required will come from irrigation. Raising food production to support this larger world population requires sustaining improved performance of irrigation.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **irrigation and water conservancy**. In this special issue, potential topics include, but are not limited to:

- Water supply and demand challenges for irrigated agriculture
- How important is irrigation to agriculture?
- Irrigation investments: decision factors
- Irrigation system design
- Control of an irrigation system
- Operation of irrigation systems
- Wireless irrigation system
- Irrigation system performance assessment and diagnosis
- Irrigation systems correlative to agricultural crops

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Irrigation and Water Conservancy**” should be selected during your submission.

Special Issue timetable:

Submission Deadline	March 16th, 2016
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