

**Guest Editors:**

Dr. Antonio Miglio, Consultant Engineer, Castrovillari, Italy, miglio.antonio@gmail.com

Dr. Isaya Kisekka, University of California Davis, Davis, California, USA, ikisekka@ucdavis.edu

Dr. Songhao Shang, Tsinghua University, Beijing, China, shangsh@tsinghua.edu.cn

## Call for Papers

### Special Collection on Sustainable Irrigation Management



### Aims & Scope

Water scarcity due to an exponentially growing population, economic development, and climate change in recent decades, is a problem that affects the sustainability of agricultural processes, especially in some regions of the world where the current use of groundwater and surface water resources has already reached maximum capacity. Considering that the agricultural sector is the largest water-use sector worldwide (globally agriculture accounts for about 80% of water consumption worldwide, mainly for irrigation), it is essential to adopt innovative management strategies, technologies and policies in order to enhance the sustainability of irrigated agriculture.

This Special Collection aims to provide the readership of the journal with the latest research and advances in the state-of-the-practice related to a wide-ranging topics of sustainable irrigation management. Authors are encouraged to submit a range of paper types including technical papers, technical notes, case studies, forums, and state of the art reviews. Topics of interest include but are not limited to:

- Optimal design and management of irrigation systems.
- Operation and management of large irrigation systems.
- Water-saving irrigation systems.
- Optimal irrigation scheduling.
- Integrated irrigation and drainage management for high-efficient use of irrigation water and control of soil salinization.
- Irrigation with unconventional water sources.
- Optimal allocation of land and water resources for irrigation management.
- Advanced tools, remote sensing and monitoring techniques for sustainable irrigation management.
- Methodologies and systems for assessing and improving the performance of irrigated agriculture.

*continued on reverse*

# Journal of Irrigation and Drainage Engineering



## Guest Editors:

Dr. Antonio Miglio, Consultant Engineer, Castrovillari, Italy, miglio.antonio@gmail.com

Dr. Isaya Kisekka, University of California Davis, Davis, California, USA, ikisekka@ucdavis.edu

Dr. Songhao Shang, Tsinghua University, Beijing, China, shangsh@tsinghua.edu.cn

## Call for Papers

### Special Collection on Sustainable Irrigation Management



- Adaptive strategies for irrigation water demand management under climate change.
- Irrigation management for specialty crops.
- Advances in microirrigation management.

### Submission Guidelines

- Prospective authors should prepare their manuscripts according to guidelines in Author Guide, <https://ascelibrary.org/doi/book/10.1061/9780784479018>.
- In submitting their manuscript electronically, authors should access the journal at the Manuscript Tracking System <https://www.editorialmanager.com/jrnireng/default2.aspx>.
- When submitting, the prospective authors should indicate in the submission questions that the paper is being submitted in response to this call for papers (Special Collection: Sustainable Irrigation Management).

Please note that this is an invitation to submit papers for peer review and does not imply acceptance for publication. Acceptance of submitted papers depends on the results of the normal refereed peer review process of the journal. The Special Collection of papers submitted through this solicitation will be published collectively in a regular issue of the journal, and will be added to a special online collection (which is similar to a print version of a special issue), and will be indexed for citations like other regular journal papers.

### Deadline for Paper Submissions

The deadline for paper submissions under this solicitation is June 30, 2024.