



Model Application for Sustainable Agricultural Water

Guest Editors:

Dr. Jaehak Jeong

BREC, Texas A&M AgriLife
Research, Department of
Biological and Agricultural
Engineering, Texas A&M
University, Temple, TX, USA

Dr. Xuesong Zhang

1. Joint Global Change Research
Institute, Pacific Northwest
National Laboratory, 5825
University Research Court, Suite
3500, College Park, MD 20740,
USA
2. Earth System Sciences
Interdisciplinary Center,
University of Maryland, 5825
University Research Court, Suite
4001, College Park, MD 20740,
USA

Deadline for manuscript
submissions:

closed (30 September 2019)

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

Dr. Jaehak Jeong
Dr. Xuesong Zhang
Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
X@Agronomy_Mdpi