# Special Issue

# Fertigation in Agriculture: Challenges and Solutions

### Message from the Guest Editors

Fertigation management is facing several challenges, from becoming more environmentally sustainable to lowering the production cost. Improved fertigation efficiency can make agriculture more competitive and sustainable. The purpose of this Special Issue is to publish original research and review articles that discuss novel technologies, equipment, strategies, and simulations in efficient fertigation. Potential topics include but are not limited to the following:

- New technologies and equipment to improve fertigation efficiency;
- Optimization strategies for farm-level and regional fertigation management;
- Evaluation of environmental impact of fertigation practices;
- Applications of novel model and intelligent algorithms in nutrient cycling and management.

### Guest Editors

Prof. Dr. Yanfeng Li

China Institute of Water Resources and Hydropower Research, Beijing, China

Dr. Zhen Wang

China Institute of Water Resources and Hydropower Research, Beijing, China

### Deadline for manuscript submissions

closed (30 November 2022)

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*Water*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

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# About the Journal

## Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

## Editor-in-Chief

Dr. Jean-Luc PROBST
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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