





an Open Access Journal by MDPI

# Innovative Approaches for Sustainable Management of Agricultural Water Resources

Guest Editors:

## Dr. Sayed Hossein Sadeghi

Department of Crop and Soil Sciences, Washington State University, Pullman, WA 99164, USA

#### Prof. Dr. Pete Jacoby

Department of Crop and Soil Sciences, Washington State University, Pullman, WA 99164, USA

Deadline for manuscript submissions:

closed (5 September 2023)

# **Message from the Guest Editors**

Dear Colleagues,

Considering the low efficiency of the existing irrigation systems, future agricultural water management strategies should ensure that water resources are allocated efficiently and equitably, and used to achieve socially, environmentally and economically beneficial outcomes.

This Special Issue focuses on the development and assessment of innovative approaches for Sustainable Management of Agricultural Water Resources. Research articles will cover a broad range of topics including (but are not limited to) farm-level and regional water management. crop water relations, crop yields and water productivity, Irrigation, drainage, and salinity in cultivated areas, salinity management and strategies for improving the use of saline water in agriculture, rainwater harvesting and crop water management in rainfed areas, use of wastewater and other waters in agriculture, groundwater quality management in agriculture and conjunctive use of and surface water, implications groundwater and surface water management on nutrient cycling and; exploitation and protection of agricultural water resources.











an Open Access Journal by MDPI

# **Editor-in-Chief**

#### Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

# Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. Agriculture is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

### **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, RePEc, and other databases.

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

#### **Contact Us**