

## Special Issue

# Management and Strategies for Improving the Use of Saline Water in Agriculture

### Message from the Guest Editors

Global water shortage has caused great challenges to the sustainable development of agriculture. Saline water has been regarded as an alternative to agricultural irrigation, which plays an increasingly important role in agricultural irrigation in water shortage areas. However, long-term saline irrigation or unreasonable irrigation patterns can lead to adverse environmental problems, such as soil salinization or crop loss. Therefore, it's necessary to study management and strategies for improving the use of saline water in agriculture. This special issue aims to publish original research or review articles on the use of saline water for irrigation. These articles will cover a broad range from technology research to policy suggestion, including the simulation of water and salt transport, the optimal mode of saline irrigation, the effects of saline irrigation on crop growth, the environmental impact assessment of saline irrigation, and the policy of saline irrigation development.

---

### Guest Editors

Prof. Dr. Peiling Yang

Dr. Renkuan Liao

Prof. Dr. Yunkai Li

---

### Deadline for manuscript submissions

closed (20 February 2022)



## Agriculture

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 6.3



[mdpi.com/si/79198](https://mdpi.com/si/79198)

*Agriculture*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agriculture@mdpi.com](mailto:agriculture@mdpi.com)

[mdpi.com/journal/  
agriculture](https://mdpi.com/journal/agriculture)





# Agriculture

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 6.3



[mdpi.com/journal/  
agriculture](https://mdpi.com/journal/agriculture)



## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

---

### 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

---

### 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)