

## Special Issue

# Advanced Studies in Water Resources and Water Supply Management

### Message from the Guest Editors

the impact of climate change, including rising temperatures, changing precipitation patterns, and more frequent extreme weather events, is exacerbating water scarcity and affecting the quality of available water resources. To address these challenges, there is a lot of work going on in the field of advanced techniques for water resource and supply management. These techniques aim to optimize water use, reduce waste, and ensure the sustainable management of water resources. New tech like AI, modeling tools, and monitoring improve water management but need careful planning to implement. This Special Issue showcases research and commentary across disciplines for water management. This Issue will embrace inter and transdisciplinary studies from multiple disciplines (e.g., agricultural sciences, social sciences, geography, and ecology), as well as those incorporating other knowledge systems in the co-construction of knowledge for sustainable water resources management. In addition, we encourage studies on broader themes, including integrated water resource management, remote sensing and GIS, smart water management systems, and advanced water treatment technologies.

---

### Guest Editors

Dr. Fazlullah Akhtar

Dr. Usman Khalid Awan

Prof. Dr. Christian Borgemeister

Dr. Bernhard Tischbein

---

### Deadline for manuscript submissions

closed (5 October 2023)



## Agriculture

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 6.3



[mdpi.com/si/164030](https://mdpi.com/si/164030)

*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, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

---

### 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)