

## Special Issue

# Sustainable Aquaculture: Current Perspectives and Future Challenges

### Message from the Guest Editor

Changes in the population's eating habits for a healthier diet are demanding more and more from the various productive sectors. In this context, aquaculture has been receiving special attention for producing foods considered healthier. This fact has caused constant growth of aquaculture. However, this growth, in order to be sustainable, requires the constant search for more efficient production systems; less polluting production systems that make the most of the nutrients available in the system for different organisms and plants; the use of diets that provide better food efficiency; managements that lead the animals to welfare, generating better use of the system and with greater food security. There is also a need for genetic improvement of species that grow better in shorter production times and are more resistant to diseases. The need for all these points together with environmental, social, and economic assessments is fundamental for sustainable aquaculture through a holistic approach. This Special Issue focuses on the sustainable production systems of high-quality food and continuously over time. Original research articles and reviews are accepted.

### Guest Editor

Dr. Ronald Kennedy Luz

Departamento de Zootecnia, Universidade Federal de Minas Gerais,  
Belo Horizonte 31270-901, Brazil

### Deadline for manuscript submissions

closed (20 April 2023)



## Agriculture

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 6.3



[mdpi.com/si/109696](https://mdpi.com/si/109696)

*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)