

## Special Issue

# Sustainability in Aquaculture Systems

### Message from the Guest Editor

Aquaculture is the fastest growing protein sector in the world. Fish are often excellent converters of feed; as poikilotherms, they do not need to maintain a particular body temperature and as they are supported by water, they can focus energy on adding protein with minimal skeletal support needed. The aim of this Special Issue is to document and encourage advances in sustainability of aquaculture and aquatic systems. Specific areas of interest include improvements in sustainability in aquatic nutrition, engineered systems, plant-based aquaculture, waste management technologies, and sustainability-focused value-added systems. Systems within which these advancements may occur include ponds, cages, recirculating aquaculture systems (RASs), efficient raceways and other systems such as aquaponics that can be sustainable in environmental, economic and socially relevant areas. Given that aquaculture is growing fast, it is critical that positive solutions to sustainability challenges are developed and disseminated.

### Guest Editor

Prof. Dr. Steven G. Hall

Biological and Agricultural Engineering, North Carolina State University,  
210 Weaver Administration, Raleigh, NC 27695, USA

### Deadline for manuscript submissions

5 November 2025



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.8



[mdpi.com/si/221442](https://mdpi.com/si/221442)

*Sustainability*

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

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





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.8



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



## About the Journal

### Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

---

### Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1  
(Geography, Planning and Development)