

## Special Issue

# Environmental Performance and Ecosystem Services of Seafood Production

### Message from the Guest Editors

This Special Issue aims to delve into the intricate relationship between seafood production and its environmental impacts, with a focus on evaluating the ecological footprints and ecosystem services provided by various seafood production systems. Key topics related to but are not limited to, the following:

- Life cycle analyses (LCAs), ecological footprints, and other quantitative tools to measure the performance of seafood production practices
- Nutrient cycling
- Habitat alteration and impacts on biodiversity of fisheries and aquaculture
- Impacts of climate change on seafood production from fisheries and aquaculture and possible mitigation and/or adaptation strategies
- Quantification of climate-mitigation or climate-adaptation services of certain typologies of aquaculture, such as the cultivation of seaweed and molluscs, and related proposed methodologies;
- Production methods and technologies aimed at increasing diversification and environmental performance (IMTA, polyculture, aquaponics)
- Exploration and quantification of ecosystem services provided by seafood production systems (with a special focus on regulating and supporting ecosystem services)

---

### Guest Editors

Dr. Arianna Martini

Dr. Domitilla Pulcini

Dr. Fabrizio Capoccioni

---

### Deadline for manuscript submissions

25 December 2025



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/227516](https://mdpi.com/si/227516)

*Sustainability*  
Editorial Office  
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 7.7



[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, RePEc, CAPIus / SciFinder, and other databases.

#### Journal Rank:

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