

Special Issue

Artificial Intelligence and Machine Learning Techniques for Sustainable Water Resource Management

Message from the Guest Editor

The rapid development of Artificial Intelligence (AI) and Machine Learning (ML) offers transformative opportunities for addressing sustainability challenges in water resource management. This Special Issue aims to explore the intersection of data-driven intelligence and sustainable aquatic ecosystem governance by highlighting methods, frameworks, and case studies that enhance predictive monitoring, optimization, and decision-making.

Guest Editor

Dr. Tymoteusz I. Miller

Institute of Marine and Environmental Sciences, University of Szczecin,
Mickiewicza 16, 71-417 Szczecin, Poland

Deadline for manuscript submissions

30 November 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/257530

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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