

Special Issue

Sustainable Energy Systems and Renewable Generation—Second Edition

Message from the Guest Editors

This Special Issue, entitled "Sustainable Energy Systems and Renewable Generation—Second Edition", aims to present the results of completed and conducted research works, both in technical and social and economic terms, based on the future directions of the development of sustainable and renewable energy technology and operations. Topics of interest for this Special Issue include, but are not limited to, the following:

- Renewable energy technologies;
- Renewable energy applications and implementation;
- Renewable energy policy, management, and governance;
- Technical innovations and economic feasibility;
- Marine and offshore energy systems;
- Onshore energy systems;
- Case studies encompassing renewable and sustainable energy development;
- Sustainable energy systems in buildings;
- Smart grids and microgrids for green electricity;
- CO2 capture and storage;
- Future high-capacity energy storages.

Guest Editors

Dr. Sean Loughney

Senior Lecturer in Maritime Management, School of Engineering, Faculty of Engineering and Technology, Liverpool John Moores University, Liverpool, UK

Dr. Eduardo Blanco-Davis

Reader in Marine Engineering, School of Engineering, Faculty of Engineering and Technology, Liverpool John Moores University, Liverpool L3 5UG, UK

Deadline for manuscript submissions

31 January 2025



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



mdpi.com/si/199928

Sustainability
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 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)