

Special Issue

Porous Materials for Sustainable Energy and Environmental Applications

Message from the Guest Editors

Considering the significant advantages of porous materials in a sustainable society, we invite submissions on porous materials for diverse energy and environmental applications for a Special Issue of *Sustainability* titled “Porous Materials for Sustainable Energy and Environmental Applications”.

- Synthesis and applications of porous materials, metal-organic frameworks (MOFs), polymers, covalent organic frameworks (COFs), organic-inorganic hybrid materials, and various other types of metal- and carbon-based materials in energy and environmental applications.
- All types of catalysis and catalysts (e.g., electrocatalysts, organic catalytic transformations, hydrogen evolution, water splitting, CO₂ reduction, oxygen evolution, and various catalytic chemical conversions).
- Nanomaterials for various organic catalytic transformations (e.g., Suzuki-Miyaura, Heck, and chiral catalytic transformations).
- Functional materials for diverse gas molecule capture and small molecule separations

We look forward to receiving your submissions.

Guest Editors

Dr. Dinesh Mullangi

Johns Hopkins Institute for NanoBioTechnology, Johns Hopkins University, Baltimore, MD 21218, USA

Prof. Dr. Satyanarayana Talam

Department of Electronics and Communication Engineering, Lakireddy Bali Reddy College of Engineering (A), Mylavaram, India

Deadline for manuscript submissions

closed (31 December 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/181087

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)