

Special Issue

Sustainable Development of Green Chemistry and Environmental Technology

Message from the Guest Editors

As industries and societies shift toward more sustainable practices, innovative approaches in green chemistry and environmental technology play a crucial role in minimizing waste, reducing environmental impact, and optimizing resource utilization. This Special Issue focuses on the sustainable development of green chemistry and environmental technology, covering topics such as biomass valorization, waste reduction, renewable energy, catalytic advancements, biodegradable and bio-based materials, water and waste treatment innovations, green solvents, circular economy strategies, and life cycle assessment. By highlighting innovative research and practical applications, this issue aims to provide valuable insights for policymakers, researchers, and industry professionals working toward a more sustainable future. Contributions from diverse fields are encouraged to foster interdisciplinary dialogue and drive impactful solutions that support environmental sustainability and economic resilience. We welcome your submissions and look forward to your contributions to this Special Issue.

Guest Editors

Dr. Masud Rana

Department of Environment and Energy Engineering, Chonnam National University, Gwangju 61186, Republic of Korea

Prof. Dr. Jeong-hun Park

Department of Environment and Energy Engineering, Chonnam National University, Gwangju 61186, Republic of Korea

Deadline for manuscript submissions

25 February 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/232405

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)