

## Special Issue

# Sustainability in Civil and Environmental Engineering

### Message from the Guest Editor

Sustainable energy research in civil and environmental engineering evaluates the potential impact of the energy system and aims to uncover the strengths and weaknesses of an existing or proposed project.

Therefore, it must be conducted with an objective approach to provide information upon which decisions can be based. In its simplest terms, the two criteria to judge a sustainable energy structure or system are the cost required and efficiency to be attained. The results of sustainable energy research in civil and environmental engineering study could be used to analyze or further develop the energy system at other locations for projects that share similar conditions and environments. This Special Issue will focus on the environmental and economic benefits of sustainable energy, system design, management, or strategies, with topics including: sustainability in infrastructure; sustainable construction; smart cities; resilient design; sustainable materials (reuse and recycling); renewable energy; LEED certified structures; sustainable energy efficiency and reliability; analysis of sustainable energy structures or systems; net zero energy buildings; and life cycle assessment.

---

### Guest Editor

Prof. Dr. Byungik Chang

Department of Civil and Environmental Engineering, University of New Haven, West Haven, CT 06516, USA

---

### Deadline for manuscript submissions

closed (31 December 2024)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.9



[mdpi.com/si/70143](https://mdpi.com/si/70143)

*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 4.1  
CiteScore 8.9



[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)