



an Open Access Journal by MDPI

# Sustainability in Civil and Environmental Engineering

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: **31 December 2024** 

### 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.









an Open Access Journal by MDPI

### **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

### 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 sustainability related to 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.

## **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, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

## **Contact Us**

*Sustainability* Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/sustainability sustainability@mdpi.com X@Sus\_MDPI