# **Special Issue**

# Bio-Based Construction Materials for Sustainable Development of the Built Environment

## Message from the Guest Editors

In this Special Issue, we would like to have an interdisciplinary view of the opportunities for bio-based materials to support the achievement of a net-zero carbon built environment. We will invite authors to contribute papers from different disciplines ranging from material science and structural engineering to life cycle assessment and policy. We aim to not only provide a holistic view for this challenge, but to also present relevant information that could be used to support decision making processes in the built environment and government. Keywords

- bamboo
- timber
- CO2
- bio-based
- materials
- built environment

#### **Guest Editors**

Dr. Edwin B. Zea Escamilla

Chair of Sustainable Construction, ETH Zürich, 8093 Zürich, Switzerland

Dr. David Truiillo

School of Energy, Construction and Environment, Coventry University, Priory St, Coventry CV1 5FB, UK

## Deadline for manuscript submissions

closed (15 December 2021)



# Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/59640

Sustainability Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 sustainability@mdpi.com

mdpi.com/journal/ sustainability





# Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



# **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 OC5, 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, RePEc, CAPlus / SciFinder, and other databases.

### **Journal Rank:**

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

