



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

Guest Editors:

Dr. Edwin B. Zea Escamilla

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

Dr. David Trujillo

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

Deadline for manuscript
submissions:

closed (15 December 2021)

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





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 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.

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, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)