

Special Issue

Integrated Sustainable Design: Toward Human-Centered and High-Performance Built Environments

Message from the Guest Editors

As sustainability becomes a fundamental imperative in architecture, there is growing demand for integrated design approaches that connect environmental performance with spatial quality and human well-being. This Special Issue explores how sustainable architecture can evolve through a synthesis of technical, environmental, and experiential dimensions—starting with climate, light, and airflow as core design inputs rather than post-design modifications.

We invite contributions that address green building strategies, net-zero and energy-efficient buildings, and environmental building technologies. Of particular interest are studies that balance intuitive and analytical strategies—including data-driven design approaches—to enhance environmental quality and user experience, including climate-responsive planning, comfort-oriented spatial organization, and environmentally attuned design methods.

In parallel, this Issue welcomes explorations of emotional and behavioral design, affordance-based spatial planning, and human-centered sustainability, wherein spatial decisions support adaptable, healthy, and inclusive environments.

Guest Editors

Prof. Dr. Kyungsun Lee

School of Architecture, Hongik University, Seoul 04066, Republic of Korea

Prof. Jiyoung Park

Division of Architecture, College of Engineering, Inha University, Incheon 22201, Republic of Korea

Deadline for manuscript submissions

31 August 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/247591

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)