

Special Issue

Advancing Sustainable Building Practices: Integrating Green Materials, Healthy Structures, and AI-Driven Solutions

Message from the Guest Editor

This Special Issue, “Advancing Sustainable Building Practices: Integrating Green Materials, Healthy Structures, and AI-Driven Solutions”, focuses on innovative approaches to creating buildings that are not only environmentally friendly but also promote the well-being and comfort of their occupants. The scope encompasses a broad range of topics, including using green materials, designing healthy structures, and the creation of comfortable indoor environments. A unique aspect of this issue is the exploration of artificial intelligence (AI) and machine learning (ML) applications in optimizing sustainable building practices. This Special Issue aims to provide a comprehensive collection of cutting-edge research that advances our understanding and implementation of sustainable building strategies.

In this Special Issue, original research articles and reviews are welcome. Areas of research can include (but are not limited to): Sustainable building;

Green material;

Healthy structure;

Comfort environment;

Artificial intelligence;

Machine learning;

Environmental impact;

Smart buildings;

Energy efficiency;

Indoor air quality.

Guest Editor

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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.

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