



Remodeling Technologies to Improve Building's Structural Sustainability

Guest Editors:

Prof. Soo-Yeon Seo

Department of Architectural Engineering, Korea National University of Transportation, Chungju, 27469, Korea

Prof. Chang-Sik Choi

Department of Architectural Engineering, Hanyang University, Seoul, 04763, Korea

Prof. Hyun-do Yun

Department of Architectural Engineering, Chungnam National University, Daejeon, 34134, Korea

Deadline for manuscript submissions:

closed (31 October 2021)

Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue is to present a collection of technologies, such as remodeling and reinforcement technologies, used to increase the structural life of existing buildings and to contribute to increasing the structural sustainability of buildings. The contents of this Special Issue are as follows:

- Sustainable design of building structure for remodeling
- Structural analysis and performance evaluation of building structure with improved sustainability
- Sustainable retrofit of building structure
- Improvement of seismic capacity of building
- Sustainable prestress/precast concrete structure
- High-performance concrete for sustainable building construction
- Structural monitoring for sustainable building

Original papers related to the above topics and also dealing generally with methodologies, numerical and experimental investigations, and case studies addressing the structural sustainability of buildings are welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

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.

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)

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](#)