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Smart Building: Eco-friendly Technology

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Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

A smart building must be able to create healthy built environment and stabilize faster decarbonization of its energy system using eco-friendly technologies. It is widely accepted that sensor deployment, the Internet of Things, big data analytics, and deep learning algorithms are fundamental technologies for smart buildings.

This Special Issue focuses on eco-friendly technologies for smart buildings and addresses the abovementioned questions. The scope of this Special Issue covers but is not limited to the following topics:

Deploying wireless sensor networks, big data, and machine learning algorithms to advance smart buildings into an integrated cyber–physical system;

Transforming smart buildings into health-cognitive environment to assist in preventing pandemics such as COVID-19;

Integrating digital twin technology into smart buildings for whole-life-cycle performance prediction.

I sincerely invite researchers to contribute to this Special Issue of Sustainability – Smart Building: Eco-friendly Technology by submitting comprehensive reviews or original research articles.

Prof. Dr. Wentao Wu

Prof. Dr. Vincent Luo

Prof. Dr. Jingru Benner

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Editor-in-Chief

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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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