

Special Issue

Sustainable Building Envelopes Design for Holistic Indoor Environment and Improved Energy Efficiency

Message from the Guest Editors

In recent years, there has been an exponential increase in the use of SATE systems, ventilated facades, triple glazing, or the incorporation of phase-change materials (PCM) to increase thermal inertia in areas with adverse climatology. Another important trend has been the industrialization of façade systems, which focus on the modulation and the reduction of on-site execution times, as well as the reuse of construction elements. This Special Issue of *Sustainability* is looking for articles exploring new environmentally friendly façade and roof construction solutions. Possible topics include the following:

- Industrialized construction: faster, cheaper, reusable construction methods.
- How to reduce energy consumption in one or more stages of a building's life cycle.
- Passive design strategies, low-embodied energy systems, and energy related to transportation.
- Exterior interaction: air quality and indoor environmental quality.
- End-of-life: circular built environments; reduction, reuse, and recycling.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2024)



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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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