



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

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Deadline for manuscript submissions:

**31 December 2024**

### Message from the Guest Editors

Dear Colleagues,

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.





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## Message from the Editor-in-Chief

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