

## Special Issue

# Sustainable Built Environment and Indoor Air Quality

### Message from the Guest Editors

This Special Issue focuses on Sustainable built environments and indoor air quality (IAQ), addressing critical gaps in current research. The scope encompasses (a) low-emission building materials, (b) energy-efficient ventilation strategies, (c) advanced IAQ monitoring technologies, and (d) policy frameworks for healthy built environments. Its purpose is to advance interdisciplinary solutions that simultaneously achieve carbon neutrality and occupant health protection. This Special Issue addresses research gaps through innovative insights, cutting-edge technologies, and novel testing/simulation methodologies. It integrates state-of-the-art research outcomes while prioritizing green low-carbon technologies for sustainable buildings and advanced indoor air quality (IAQ) control strategies. By integrating building science, environmental chemistry, and public health perspectives, this issue will provide actionable frameworks for next-generation building standards. We look forward to your contributions and to collectively advancing our understanding and responses to sustainably built environments and indoor air quality.

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### Guest Editors

Dr. Zhu Cheng

Dr. Hongli Sun

Dr. Xingchi Jiang

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### Deadline for manuscript submissions

30 June 2026



## Sustainability

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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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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

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