

Special Issue

Sustainable Buildings and Indoor Air Quality

Message from the Guest Editors

The reduction of energy consumption in buildings is achievable only if building components can satisfy several criteria of sustainability during their entire service life: - In the production phase, by adopting materials with low thermal transmittance, manufactured with low cost and energy saving processing, even by valorizing by-products/wastes. - During the service life, by ensuring the ability to guarantee a comfortable and healthy IAQ, the energy efficiency, also for active engineered control systems (HVAC), and durability. Since the cost to restore a degraded structure increases exponentially with the level of degradation, monitoring systems should be developed to detect as soon as possible the conditions favorable to deterioration. - At the end of the service life, by adopting materials able to be recycled. Sustainability is a peer-reviewed and open access journal, covered by SCIE, SSI (Web of Science) and Scopus (IF 1.789 (2016)). This special issue comprises selected papers focused on different and multidisciplinary themes concerning materials, durability, energy efficiency, recycling, IAQ and monitoring for more sustainable buildings.

Guest Editors

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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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