



Towards Climate Change Resilience in the Building Sector: Methodologies, Solutions, Case Studies

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Deadline for manuscript submissions:

closed (15 September 2023)



Message from the Guest Editors

Dear Colleagues,

This Special Issue seeks contributions exploring the effects of climate change on the building sector and to address possible solutions to these issues. This Special Issue also welcomes contributions aiming to support and advance the UN's 17 sustainable development goals (SDG), particularly SDG 11 (Make cities and human settlements inclusive, safe, resilient and sustainable) and SDG 13 (Take urgent action to combat climate change and its impacts). In relation to the above-described context, the focus of this Special Issue will be on, but not limited to, the following topics:

- New methodological approaches for assessing the effects of climate change on the building sector;
- Analyses of future trends and pathways of the building sector energy demands;
- Net-zero energy buildings' climate resilience;
- Building resilient designs to extreme weather events;
- Ecodesign strategies for high-performance buildings and urban environments;
- Energy, environmental, economic and social assessment of buildings and building technologies;
- New approaches to sustainable zero energy building development



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