



Building Environment Energy Conservation

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Deadline for manuscript
submissions:

closed (31 May 2022)

Message from the Guest Editor

Buildings are responsible for over one-third of the world's total energy consumption and greenhouse gas (GHG) emissions, and therefore have a critical role to play in the global drive for sustainable development. Various initiatives are being implemented to reduce the release of GHGs into the atmosphere, relying on the evaluation, tracking, recording and verification of GHG emissions and removals. The annual accounting of GHG flows associated with buildings should be conducted in a lifecycle context to ensure that policies are effective at mitigating climate change. Energy conservation in buildings requires using energy-saving building materials in the design and construction of buildings, improving building insulation and sealing performance and enhancing the efficiency of heating systems to reduce energy consumption.

We would like to invite you to submit your latest research contributions to the SI on “Building Environment Energy Conservation”. This SI calls for original/ review papers around innovative methodologies, technologies, and best practices pertinent to environment and energy conservation in the built environment, and specifically in buildings.





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

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Message from the Editor-in-Chief

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