



Green Buildings in Urban Areas

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Message from the Guest Editors

Dear Colleagues,

Currently, buildings consume more than 40% of total energy and emit more than 30% of the greenhouse gas of human society. Green building, which is also known as sustainable building, has the potential to provide numerous benefits, such as renewable and sustainable energy use, environmental conservation, waste recycling and reuse, carbon emission reduction, human physical and mental health, and so forth.

The development of green buildings requires the active participation and cooperation of governments, designers, architects, engineers, researchers, technology producers, managers, and consumers, which makes it an inter-discipline topic that involves building design, construction, operation, maintenance, management, economics, human health, energy, technology, policy, and more.





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