



Green Buildings in Urban Areas

Guest Editors:

Prof. Dr. Bin Yang

1. Department of Applied Physics
and Electronics, Umeå University,
90187 Umeå, Sweden

2. School of Energy and Safety
Engineering, Tianjin Chengjian
University, Tianjin 300383, China

Dr. Yingdong He

College of Civil Engineering,
Hunan University, Changsha
410012, China

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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 interdisciplinary topic that involves building design, construction, operation, maintenance, management, economics, human health, energy, technology, policy, and more.





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Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
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