

Special Issue

Green Buildings in Urban Areas

Message from the Guest Editors

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.

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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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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