



Smart Buildings

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Message from the Collection Editors

Dear Colleagues,

The strategic goal of achieving smart buildings relies on smart design, based on smart shape, smart envelope, smart systems, and smart materials, including smart management and smart user behaviors. The following topics are proposed for this collection (but not limited to):

- Energy efficient retrofit solutions for buildings
- Advanced building materials
- Digitalization and smart controls in buildings
- Building data analytics
- Nearly zero-energy buildings and Zero-emission buildings
- District heating networks
- Heat pumping technology
- Green infrastructures
- LCA and carbon assessments
- Environmental Assessment Methods
- Distributed solar PV
- Indoor air quality management
- Sustainable built environment





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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