

This Special Issue aims to address the following topics:

- Environmental impacts of building materials
- Building energy and environments
- Life cycle assessment and green buildings
- Environmentally friendly construction practices
- Prefabricated/modular buildings
- Passive design
- Building-integrated photovoltaics
- Net-zero energy buildings (NZEBS)
- A new generation of stronger, lighter and more sustainable building materials
- Application of LCA/EPD in sustainable construction
- Intelligent Building Management System for reducing UHI
- Modification of building envelopes for reducing UHI
- Demand-side management and UHI
- Life-cycle sustainability assessment