



Low Energy Architecture and Low Carbon Cities: Exploring Links, Scales, and Environmental Impacts

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Message from the Guest Editors

Projected population growth and urbanization rates will create a huge demand for new buildings and put an unprecedented pressure on the natural environment and its limited resources. Architectural design has often focused on passive or low-energy approaches to reduce the energy consumption of buildings but it is evident that a more holistic, whole-life based mindset is imperative. On another scale, the movement for, and global initiatives around, low carbon cities promise to deliver the built environment of tomorrow, in harmony with the natural boundary of our planet, the societal needs of its human habitants, and the required growth for economic prosperity.

Our aim is to contribute an outstanding collection of research papers to the interdisciplinary field of built environment sustainability. It is hoped that authors will see this as an opportunity to go beyond traditional disciplinary boundaries and engage more broadly with the complex issue of providing a built environment that can meet future human and natural requirements.





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