



## Advances on Building Performance and Sustainability, Volume II

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (30 April 2024)**

### Message from the Guest Editor

In many countries, the prevailing climate frequently leads to the use of technological themes that are recognised as energy-intensive solutions for providing comfortable, habitable conditions indoors. Fears about climate change have added urgency to the search for methods not only to improve energy efficiency in buildings but also to satisfy social-cultural needs of communities. Among these techniques are the use of computer simulation and the development of research methodologies in the built environment aimed at improving alignment between buildings, contexts, climates and energy performance. We are looking for articles in the following topics:

- The approach towards improving energy efficiency in buildings;
- The impact of retrofit pathways on building performance analysis;
- Computer simulation to evaluate building performance in terms of lighting, energy consumption and comfort;
- Case studies that cover various research methodological approaches with an emphasis on the social-cultural needs of the local community or the social-environmental interface of sustainable development;
- The impact of research on the quality of life and well-being of buildings' occupants.





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## Editor-in-Chief

### **Prof. Dr. Steve W. Lyon**

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USA

## Message from the Editor-in-Chief

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