



## **Editorial Board Members' Collection Series: Building Energy, Physics, Environment, and Systems I**

Guest Editors:

**Prof. Dr. Shi-Jie Cao**

**Dr. Antonio Caggiano**

**Prof. Dr. Wei Yu**

**Prof. Dr. Christopher Yu-Hang Chao**

**Dr. Graziano Salvalai**

Deadline for manuscript  
submissions:  
**closed (20 August 2023)**

### **Message from the Guest Editors**

Dear Colleagues,

We are pleased to announce a new Collection titled "Editorial Board Members' Collection Series: "Building Energy, Physics, Environment, and Systems I", which will collect papers invited by the Editorial Board Members.

The aim of this Collection is to provide a venue for networking and communication between *Buildings* and scholars in the field of Building Energy, Physics, Environment, and Systems. All papers will be published in open access following peer review.

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*Guest Editors*





## Editor-in-Chief

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## Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

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