



## Buildings of Tomorrow: Goals and Challenges for Design and Operation of High-Performance Buildings

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### Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue is to present and evaluate how a coupled treatment of varied building design issues can be utilized in order to achieve the goals of higher overall performance of buildings and what are the limitations of such approach. Here are some topics:

- Coupled thermal and visual performance of buildings;
- Climate adaptive building design and adaptive building envelopes;
- Indoor environment quality and concurrent energy efficiency;
- Strategies and methods for the design and development of high-performance buildings;
- Sustainability and resilience of high-performance buildings;
- Application of artificial intelligence, data management and data collection technologies for the design and operation of high-performance buildings;
- User-centered building design as a tool for achieving higher building performance;
- Case studies of high-performance buildings and their energy efficiency, daylighting and overall indoor environment quality as well as environmental impacts.



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# Special Issue



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## Message from the Editor-in-Chief

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