

## Innovative Measurement Techniques in Buildings

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submissions:

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### Message from the Guest Editors

Dear Colleagues,

The proposed Special Issue, entitled “Innovative Measurement Techniques for Building Performance”, is focused on new approaches for collecting and analysing data from buildings with regards to their physical performance. This Special Issue considers new methods for understanding, building fabric, environmental conditions and energy consumption. This may include new ways of collecting data, such as systems and equipment, innovative building test facilities, and new analytical techniques, such as approaches to uncertainty and accuracy analysis.

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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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