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Selected Papers from Building A Better New Zealand (BBNZ 2014) Conference

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Deadline for manuscript submissions:
closed (30 November 2014)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will include expanded academic papers selected from the forthcoming BBNZ 2014 Conference.

The conference is to be held in Auckland, New Zealand from 3rd to 5th September 2014 and will cover the following themes:

- Achieving Better Buildings
- Improving the Performance of Materials
- Improving the performance of existing buildings
- Sustainability
- Productivity
- Meeting New Zealanders' housing needs
- Building better cities and communities

For further information, please visit: http://www.buildingabetternz.co.nz.

Prof. Dr. George Baird
Ms. Lois Easton
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Guest Editors

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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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