

Special Issue

Enhancing Community Wellbeing: Innovations in Sustainable Urban Planning and Built Environments

Message from the Guest Editors

Current buildings in use (comprising the largest segment of the built environment) are shown to be responsible for more than 40% of energy consumption and one-third of the global harmful emissions. Providing appropriate retrofit strategies is a vital issue as it not only saves energy and reduces CO₂ emissions from this sector but also considers occupants' health and wellbeing.

Given the recent attention to the development of smart cities and following sustainable development goals as the agenda of smart cities, this Special Issue aims to collect the recent research and studies on innovative retrofit technologies in smart cities, on the building and neighborhood scales.

Submissions are encouraged on, but not limited to, the following general areas:

- Construction technologies supporting energy efficient and healthy buildings/ neighbourhoods;
- Sustainable and healthy retrofit strategies;
- Building and neighbourhood performance and occupant wellbeing;
- Neighbourhood revitalisation plan and resident social and physical wellbeing;
- Resident engagements in retrofit plans in neighbourhoods ;
- Smart buildings and neighbourhoods;
- Waste minimisation strategies during renovation.

Guest Editors

Dr. Mina Jowkar

School of Built Environment, Edinburgh Napier University, Edinburgh EH11 4BN, UK

Dr. Nirodha Fernando

School of Built Environment, Edinburgh Napier University, Edinburgh EH11 4BN, UK

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Manfred Max Bergman
Department of Social Sciences, University of Basel, Rheinsprung 24,
4051 Basel, Switzerland

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