

## Special Issue

# Deep and Fast Retrofitting of Existing Buildings to Improve Energy Performance and Comfort Conditions

### Message from the Guest Editors

Energy efficiency is crucial: buildings will have to consume only the energy they really need. Retrofit interventions will have to be affordable and economically convenient. Electrical heating and cooling system feed by renewables will have to be widely promoted. Materials and technologies adopted to carry out renovations will have to contribute to minimize buildings footprint. Renovation strategies will have to be targeted to improve comfort conditions and internal air quality of indoor spaces. Green buildings transition will have to be coupled with the digital one, both in terms of design and management processes (building information modelling) and performance monitoring and controlling (smart buildings and energy distribution systems). Finally, renovations will have to respect design, craftsmanship, heritage and public space conservation principles.

This Special Issue aims to collect and illustrate practices and models of retrofit interventions of high architectural quality, able to achieve NZEB target and to improve comfort conditions within existing buildings.

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### Guest Editors

Prof. Roberto Ricciu

Dr. Giuseppe Desogus

Dr. Arianna Murru

Dr. Emanuela Quaquero

Dr. Luigi Antonio Besalduch

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### Deadline for manuscript submissions

closed (30 October 2022)



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

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