

Sustainability and Energy Efficiency of the Built Environment: from the Single Building to the District Scale

Guest Editors:

Dr. Francesco Guarino

Department of Engineering,
University of Palermo, Viale delle
Scienze Building 9, Palermo, Italy

Dr. Sonia Longo

Department of Engineering,
University of Palermo, 90128
Palermo, Italy

Dr. Giulia Carbonari

EU Project Manager – Facility
Management Expert

Deadline for manuscript
submissions:

closed (31 October 2019)

Message from the Guest Editors

Dear Colleagues,

Sustainability targets and climate change objectives cannot be met without addressing buildings and the built environment at a building, district, and urban scale, to include our transport and energy infrastructures. The annual Sustainable Places conference involves technical contributions with respect to designing, building, and retrofitting the places we live and work in a more sustainable way. SP2019, the seventh edition of the conference is happy to announce its third Special Issue of the *Buildings* journal to highlight selected works from the conference.

Dr. Francesco Guarino

Prof. Sonia Longo

Dr. Giulia Carbonari

Guest Editors



Editor-in-Chief

Prof. Dr. David Arditi

Construction Engineering and
Management Program,
Department of Civil,
Architectural, and Environmental
Engineering, Illinois Institute of
Technology, 3201 South
Dearborn Street, Chicago, IL
60616, USA

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within SCIE (Web of Science), Scopus, Ei Compendex, Inspec, and other databases.

Journal Rank: JCR - Q2 (Construction and Building Technology) / CiteScore - Q1 (Architecture)

Contact Us

Buildings Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/buildings
buildings@mdpi.com
[X@Buildings_MDPI](https://twitter.com/Buildings_MDPI)