

Special Issue

Energy Efficiency and Renewable Energy in the Built Environment

Message from the Guest Editors

The built environment will be extremely difficult to decarbonize within this timeframe, considering the wide range of different buildings, regulations, and actors. Thus, it is key to coordinate and articulate at the same time several strategies, such as the renovation of existing buildings, the construction of new buildings to low-energy consumption standards, supply from renewable energy sources, and energy demand management. The purpose of this Special Issue is to explore strategies, program policies, and social and technological innovations, from a European to a local level, that could contribute to a fair and inclusive transition toward a low-carbon building sector based on improvements in energy efficiency and an increased share of renewable energy. Topics of particular interest to this Special Issue include:

- building renovations that improve energy efficiency;
- renewable energy at a local scale;
- decarbonized and clean energy systems;
- renewable energy communities and citizen energy communities;
- zero energy buildings and zero energy retrofiting projects; and
- energy models for low-carbon and sustainable cities.

Guest Editors

Prof. Dr. Lorenzo Olivieri

Prof. Dr. Francesca Olivieri

Ms. Valentina Oquendo-Di Cosola

Ms. Louise-Nour Sassenou

Deadline for manuscript submissions

closed (30 September 2021)



Environments

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.7



mdpi.com/si/66127

Environments
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
environments@mdpi.com

[mdpi.com/journal/
environments](https://mdpi.com/journal/environments)





Environments

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.7



[mdpi.com/journal/
environments](https://mdpi.com/journal/environments)



About the Journal

Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Sergio Ulgiati

1. Department of Science and Technology, Parthenope University of Naples, Centro Direzionale, Isola C4, 80143 Napoli, Italy

2. School of Environment, State Key Joint Laboratory of Environment Simulation and Pollution Control, Beijing Normal University, No. 19 Xijiekouwai Street, Beijing 100875, China

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubAg, AGRIS, GeoRef, and other databases.

Journal Rank:

JCR - Q2 (Environmental Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.2 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2025).