# **Special Issue**

# Optimization and Evaluation of Climate Responsive Design Solutions for Buildings and Cities

# Message from the Guest Editors

The ever-increasing evidence of climate change impact on the built environment and the recent IPCC projections call for effective and innovative design approaches to concretely tackle the most urgent challenges and particularly those dealing with the use of water and resources while supporting the energy transition in time of unprecedented uncertainty. The launch of the EU Recovery Plan represents an urgent claim for a global reaction and for more comprehensive solutions able to consider the complexity of strongly interrelated phenomena. Climate Responsive Design represents the combination of several approaches and strategies to make buildings and cities able to respond to contemporary challenges optimizing their systems, configuration and operation according to variable and sometimes extreme context conditions. This Special Issue of Sustainability is aimed at collecting scientific contributions on climate responsive solutions focusing on adaptive capacity, energy efficiency and environmental quality carefully considering technical, social, economic implications.

# **Guest Editors**

Dr. Jacopo Gaspari

Dr. Rosa Schiano-Phan

Dr. Laura Aelenei

# **Deadline for manuscript submissions**

closed (15 June 2023)



# Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/131631

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

mdpi.com/journal/ sustainability





# Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



# **About the Journal**

# Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

### Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

### **Author Benefits**

# Open Access:

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

# **High Visibility:**

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

