

Special Issue

The Built Environment in a Changing Climate: Interactions, Challenges and Perspectives: Part II

Message from the Guest Editors

Worldwide, the built environment is being strongly challenged by climatic alterations that put a strain on (i) energy needs for cooling and the release of anthropogenic heat, (ii) mortality and morbidity due to overheating and air pollution, (iii) productivity and wellbeing, and (iv) access to public spaces and social prosperity. Therefore, it is worth asking, how can we mitigate buildings' and cities' burden on local/global environmental change? In this context, this Special Issue aims to publish high-quality papers targeting the following goals:

- Collecting criteria and methods to develop meteorological datasets;
- Establishing innovative monitoring systems to capture the impacts of climate on the built environment;
- Defining the energy and comfort metrics in future buildings;
- Estimating impacts in terms of air quality and heat-related mortality and morbidity rates;
- Investigating the interaction between global and local climate changes;
- Defining governance models, legal frameworks, and agenda-setting methods to prioritize climate policies;
- Defining criteria and targets for urban and building integrated design in a warmer world.

Guest Editors

Dr. Giulia Ulpiani

European Commission, Joint Research Centre (JRC), Ispra, VA, Italy

Dr. Tiziana Susca

Italian National Agency for New Technologies, Energy, and Sustainable Economic Development, Via Anguillarese, 301, S. Maria di Galeria, 00123 Rome, Italy

Deadline for manuscript submissions

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

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About the Journal

Message from the Editor-in-Chief

Climate (ISSN 2225-1154) was established in 2013 to provide an open-access outlet for innovative research, review articles, new direction papers, and short communications relevant to all disciplines related to climate at all scales. The journal encourages papers ranging from climate change detection and attribution and Earth system modeling to ecosystem, hydrologic, and socioeconomic impacts and climate mitigation and adaptation measures. The influence of *Climate* is strong and growing (IF 3.2 in 2024, CiteScore 5.7 in 2024).

Editor-in-Chief

Dr. Timothy G. F. Kittel
Institute of Arctic and Alpine Research, University of Colorado Boulder,
Boulder, CO 80309-0450, USA

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q2 (Meteorology and Atmospheric Sciences) /
CiteScore - Q2 (Atmospheric Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.8 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).