

Special Issue

Climate Adaptation and Mitigation in the Urban Environment

Message from the Guest Editor

As global temperatures rise, cities are both major contributors to greenhouse gas emissions and highly vulnerable to climate change impacts. This special issue examines cross-sectoral climate actions (including energy, transport, infrastructure, public health, and nature-based solutions) and the intersection of climate adaptation and mitigation with urban health, such as reducing risks from extreme heat, improving air quality, and addressing climate migration. The topics of interest include, but are not limited to, the following:

- Analytical frameworks for integrated climate action in cities;
- The role of governance and institutional coherence in linking adaptation and mitigation;
- Nature-based solutions and their dual benefits for adaptation and mitigation;
- Case studies of climate action plans in cities locally and globally, with an emphasis on trade-offs, synergies, and co-benefits;
- Financing mechanisms for combined adaptation and mitigation initiatives;
- Challenges in integrating adaptation and mitigation across different scales;
- Sustainable urban planning models for health and resource efficiency as well as equitable outcomes.

Guest Editor

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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

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