Special Issue

Climate and Air Quality Monitoring in Urban Areas

Message from the Guest Editor

Due to climate change, air pollution is both an environmental and a social problem, as it leads to a multitude of adverse effects on human health, as well as on ecosystems and the earth's climate. As a result, air pollution impacts millions of people worldwide and is one of the largest environmental health risks in the world today. The causes of climate change are often the same as the causes of air pollution: transport, the power sector, industrial emissions, and crop burning. Given this, the quality of the air in city and urban areas is the most important factor that directly influences the incidence of diseases and decreases the quality of life. For this Special Issue, we invite high-quality original research papers, short communications, and reviews focusing on all aspects of air quality monitoring—in particular, those applied to urban areas. Articles on the impact of air pollution on human health, including ecosystems, are also encouraged. We welcome contributions related to the development of methods to monitor air quality in order to estimate air pollution exposure in an urban area.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2024)

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

Rapid Publication:

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