Special Issue

Urban Meteorology

Message from the Guest Editor

Urban meteorology plays a very important role in reducing possible damages from such extreme weather-related disasters in advance, to give the best timely guidance to citizens, and to optimize the efficiency of urban planning and reconstruction. Most countries and local governments do their best to attain resilience and sustainable cities by providing weather information in advance or on real-time through installation of the urban meteorological observation network and development of the urban meteorological and applied modeling. This Special Issue aims to address the current state of available urban meteorology-related studies: Urban meteorological observation technology and/or networks (sensor networks, surface-based remote sensing instruments); urban-specific weather phenomena (heat islands, urban–rural circulation); surface energy balance and boundary-layer structure in urban areas; and meteorological modeling in urban areas.

Guest Editor

Prof. Dr. Moon-Soo Park

Research Center for Atmospheric Environment, Hankuk University of Foreign Studies, 81 Oedae-ro, Mohyeon-myeon, Cheoin-gu, Yongin-si 17035, Gyeonggi-do, Korea

Deadline for manuscript submissions

closed (30 November 2019)

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/27698

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

mdpi.com/journal/atmosphere

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/journal/atmosphere

MDPI

About the Journal

Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

Dr. Daniele Contini
Institute of Atmospheric Sciences and Climate (ISAC), National Research Council (CNR), Str. Prv. Lecce-Monteroni km 1.2, 73100 Lecce, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

Journal Rank:

CiteScore - Q2 (Environmental Science (miscellaneous))