Special Issue

Meteorological Extremes in Korea: Prediction, Assessment, and Impact

Message from the Guest Editor

Meteorological extremes, which occur every year around the world, have a great impact on the quality of life of humans. Accordingly, meteorological extremes cause disasters such as droughts, floods, typhoons, and so on that are beyond our control. Enhancement of our ability to predict the location, severity, spatial extent, and social impact of these extremes requires efforts by engineering-based professionals. In addition, humanities- and sociology-based administrative skills should be accompanied in order to communicate warning messages to the public more effectively or to effectively formulate and execute disaster prevention and response plans. This Special Issue of *Atmosphere* focuses on meteorological extremes in Korea. Particularly welcome are studies that pursue practical approaches that can be applied immediately to the Korean environment. We also invite manuscripts to address adaptation to future climate change scenarios. We also want to include studies investigating the effects of meteorological extremes on people and the environment. This may include a discussion of a disaster response system, including a vulnerability assessment system.

Guest Editor

Dr. Sangdan Kim

Department of Environmental Engineering, Pukyong National University, Busan 48513, Korea

Deadline for manuscript submissions

closed (31 October 2020)

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/41391

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

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))

MDPI