Special Issue

Application of Doppler Radar in Severe Weather Forecast

Message from the Guest Editor

The Special Issue will examine the future of Doppler radar technology and its potential to improve severe weather forecasting. The Special Issue will discuss emerging technologies, such as dual-polarization radar and phased array radar, and how they may enhance Doppler radar's ability to detect and track severe weather events. Overall, this Special Issue will provide a comprehensive overview of the application of Doppler radar in severe weather forecasting and its potential to improve our ability to predict and prepare for severe weather events.

Guest Editor

Dr. Jiaxi Hu

Cooperative Institute for Mesoscale Meteorological Studies, University of Oklahoma, Norman, OK 73019, USA

Deadline for manuscript submissions

closed (26 September 2023)

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/165655

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))