



Problems of Meteorological Measurements and Studies

Guest Editor:

Dr. Agnieszka Krzyżewska

Department of Hydrology and
Climatology, Institute of Earth
and Environmental Sciences,
Faculty of Earth Sciences and
Spatial Management, University
of Maria Curie Skłodowska, 20-
400 Lublin, Poland

Deadline for manuscript
submissions:

closed (14 June 2023)

Message from the Guest Editor

One of the foundations of atmospheric science is proper methodology of research, starting with the “standard” of meteorological measurements, through automatic sensors and visual assessment of meteorological phenomena, ending with incorporation of satellite, drone, and other aviation data. After data collection, there are multiple methods and applications of statistical analysis and machine learning techniques which can be used. There are also multiple databases, with different temporal and spatial resolution of a different application in climatology. There are also some problems with climate regionalization, applying different criteria for determining extreme events or some issues of weather typology and atmospheric circulation.

These topics will be presented and discussed during the 5th Methodological Conference on “Problems of Meteorological Measurements and Studies” which will be held in Lublin, Poland, on 30 June–2 July 2022. We invite you to submit a paper to this Special Issue on the methodology of meteorological observations and data analysis.





an Open Access Journal by MDPI

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

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!

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))

Contact Us

Atmosphere Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/atmosphere
atmosphere@mdpi.com
[X@Atmosphere_MDPI](https://twitter.com/Atmosphere_MDPI)