Special Issue

Atmospheric Teleconnection

Message from the Guest Editors

Since the pioneer papers by J. Bjerknes published about 50 years ago, it has become clear that atmospheric teleconnection accounts for the major share of the interannual-to-multidecadal variance of meteorological fields all over the world. Atmospheric teleconnection stems from the large-scale disturbances generated within the climate system. They spread far from the region of generation through the general atmosphere circulation and planetary waves. There are numerous excellent publications concerning this phenomenon. It is worth summarizing some recent results concerning the global and regional consequences of atmospheric teleconnection in this Special Issue of the Atmosphere journal. Any articles concerning different manifestations of atmospheric teleconnection, including meteorological extremes, are welcome.

Guest Editors

Dr. Alexander Polonsky

Institute of Natural and Technical Systems, 99011 Sevastopol, Russia

Dr. Dongxiao Wang

School of Marine Sciences, Sun Yat-Sen University, Zhuhai 519082, China

Deadline for manuscript submissions

closed (20 November 2021)



an Open Access Journal by MDPI

Impact Factor 2.3 CiteScore 4.9



mdpi.com/si/86180

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

mdpi.com/journal/atmosphere





an Open Access Journal by MDPI

Impact Factor 2.3 CiteScore 4.9



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))

