Special Issue

The Impact of Climate on the Water Environment

Message from the Guest Editors

One of the most serious problems currently faced by humanity is climate change, which is threatening not only the natural environment but also human economy and life. Its effects are evident in the broadly defined water environment, where parameters such as precipitation or air temperature largely determine the water balance. Detailed investigation of the relations between the climatic conditions and functioning of different components of the hydrosphere provides elementary basics for their proper management. Such information is particularly important for the preservation of endangered flora and fauna species of water ecosystems and water quality, the development of appropriate resources and the mitigation of extreme hydrological situations such as floods and droughts which directly threaten human life. Water deficits in different regions of the world that were not present only several decades ago are currently increasing in frequency.

In this context, for this Special Issue of Atmosphere, we are calling for submissions of interdisciplinary research concerning the effects of climatic conditions on the course of processes and phenomena in the water environment.

Guest Editors

Prof. Dr. Arkadiusz Marek Tomczyk

Department of Meteorology and Climatology, Adam Mickiewicz University, 61-712 Poznań, Poland

Prof. Dr. Mariusz Ptak

Department of Hydrology and Water Management, Adam Mickiewicz University, Krygowskiego 10, 61-680 Poznań, Poland

Deadline for manuscript submissions

closed (17 September 2021)

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/41495

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))