atmosphere

an Open Access Journal by MDPI

IMPACT FACTOR 2.3

CITESCORE 4.9

Water-Related Hazards and Climate Change

Guest Editors:

Dr. Toan Trinh
Department of Civil and Environmental Engineering, University of California, Davis, CA 95616, USA

Prof. Dr. Van Thinh Nguyen
Department of Civil and Environmental Engineering, Seoul National University, Seoul 151-744, Korea

Prof. Dr. Shuichi Kure
Department of Environmental and Civil Engineering, Toyama Prefectural University, Toyama 939-0398, Japan

Deadline for manuscript submissions:
closed (25 June 2021)

Message from the Guest Editors

This Special Issue will be focused on all aspects of extreme hydro-climate conditions including, but not limited to, hydrometeorology, atmosphere, and hydrology (from local to watershed) under various scales. Studies on all manner of the modeling, forecasting, assessment, and analysis of hydro-climate extremes are welcome, including estimation of extreme events by means of modeling, monitoring, and sensors; forecasting and warning technologies for extreme hydro-climate conditions; early identification of a range of natural disasters such as drought, floods, flash-floods, landslides, avalanches, serious cases of hail damage, and external and internal mechanisms; assessment and projection of historical and future regimes (climate change scenarios, CIMIP5, CIMIP6); interaction between atmospheric and hydrologic systems; impacts and changes on natural systems, social systems, and economies. Studies may also consider evacuation, vulnerability and recovery, and mitigation and adaptation strategies for extreme hydro-climate conditions.

atmosphere

an Open Access Journal by MDPI

IMPACT FACTOR 2.3

CITESCORE 4.9

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