Special Issue

Paleoclimate Reconstruction

Message from the Guest Editor

This Special Issue will focus on paleoclimate research that furthers our knowledge of prehistoric climatic variability — both spatial and temporal — and improves our understanding of regional- or global-scale patterns of prehistoric climate change, especially as they relate to contemporary planetary warming. Papers will reconstruct and analyze (some aspects of) prehistoric climate from the perspective of proxy data sources, such as tree rings, preserved pollen records, ice cores, speleothems, ocean floor sediments, or any other paleoclimate indicators and may include indirect reconstructions (e.g., reconstruction of large-scale atmospheric flow such as ENSO variability using tree rings, based on the observed relationship between tree growth and large-scale atmospheric variability). Papers may also present specific methodological improvements in paleoclimate reconstruction.

Guest Editor

Prof. Dr. Jason T. Ortegren
Department of Earth and Environmental Studies, University of West Florida, Pensacola, FL 32514, USA

Deadline for manuscript submissions

closed (24 March 2023)

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/113612

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))