



## Paleoclimate Reconstruction

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Deadline for manuscript  
submissions:

**closed (24 March 2023)**

### Message from the Guest Editor

Dear Colleagues,

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.

Prof. Dr. Jason T. Ortegren

*Guest Editor*





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## 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!

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