

## Special Issue

# Climate Change Over the Tibetan Plateau and Surroundings on Decadal to Sub-Orbital Timescales and Its Driving Mechanisms

### Message from the Guest Editors

The TP's surface system and barrier function, as well as its natural landscapes like glaciers, lakes, and vegetation, have all undergone significant changes over the past 50 years under the influence of global climate warming, which has created challenges for the human living environment and regional sustainable development in the TP and its surrounding regions. We invite submissions of original research and review papers on a range of topics, including but not limited to the following:

- Climate changes across Holocene, millennial, centennial, and interannual timescales;
- Evolution of westerlies and the Asian monsoon and their regional impacts;
- Dust release, transport, deposition, evolution, and their effects;
- Reconstruction of paleotemperature histories;
- Numerical simulations of climate change driven by external and internal factors;
- Sediment dating techniques, including OSL and AMS <sup>14</sup>C methods.
- We look forward to receiving manuscripts that address these topics.

### Guest Editors

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### Deadline for manuscript submissions

1 September 2025



## Atmosphere

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## 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!

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### Editor-in-Chief

Dr. Daniele Contini

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