



Climate Variability and Climate Extreme Events over Asia on Various Time-Scales since the Last Glacial Maximum

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Deadline for manuscript
submissions:

closed (15 August 2021)

Message from the Guest Editors

Much attention has been dedicated toward improving the understanding of climate variability and climate extreme events on different time scales over the Asia region, and influences on regional water resources, ecosystems, and environments since the Last Glacial Maximum. Big challenges still remain within areas such as spatial extents and durations of climate variability on different time-scales, differentiations of influences from anthropogenic and natural forcings, gaps between paleoclimate reconstructions and model simulations, and physical mechanisms behind typical extreme events.

This Special Issue invites papers focusing on different aspects of climate variability and climate extreme events on different time-scales over the Asia region, and corresponding influences since the LGM, including but not limited to evidence and predictions of climate variability and changes on different time-scales, and corresponding influences and adaptations; characteristics, variability, and mechanisms of extreme climate events from centennial to inter-annual scales; comparisons between paleoclimate reconstructions and modeling; and different influences from natural and anthropogenic forcings.





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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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