

Special Issue

Response of Vegetation to Climatic and Anthropogenic Drivers in the Plateau

Message from the Guest Editors

Vegetation plays an important role in regulating carbon, water, and energy cycles. With diverse vegetation types and complex geographical environment, the vegetation growth in the plateau region is more sensitive to climate change and human activities, and is a sensitive and vulnerable zone for global climate change and ecological environment changes. Since the beginning of the Anthropocene, the vegetation ecosystem has been significantly changed by both climate warming and human activities, mainly in the form of glacial retreat, land desertification, and grassland degradation. Therefore, it is of great scientific and practical significance to investigate the dynamic changes of plateau vegetation and the interrelationship between vegetation, climate change, and human activities, in order to restore the balance of ecosystem and promote the sustainable development of ecosystem. This Special Issue focuses on papers that contribute to a better understanding of the characteristics of synergistic vegetation–water–soil changes in plateau regions in the context of climate change and increased human activities.

Guest Editors

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Deadline for manuscript submissions

closed (12 May 2025)



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CiteScore 4.9



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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!

Editor-in-Chief

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