



Vegetation and Climate Relationships

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Message from the Guest Editors

The aim of this Special Issue is to provide recent advances in our understanding of the relationships between climate and vegetation. This is an important topic because vegetation is not only affected by climate change but also plays an important role in the changes of regional or global climate. In order to better understand the vegetation and climate interactions, we need to further clarify the spatiotemporal changes of vegetation and climate in vegetation regions, responses of vegetation to climate change, and the effects of vegetation on climate. In addition, the advances and challenges in climate and vegetation research should be further discussed and explored to promote the development of the research on climate and vegetation relationships.

Topics of interest for this Special Issue include but are not limited to:

- Climate change in vegetation region;
- Vegetation change under the background of climate change;
- Advances in vegetation and climate research;
- Responses of vegetation to climate change;
- Feedback effects of vegetation on climate change;
- Relationships between climate change and vegetation.





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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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