

Special Issue

Impact of Land-Use and Climate Change on Vegetation

Message from the Guest Editors

To advance our understanding of how climate and land-use changes affect vegetation, and how vegetation responds to these changes, this Special Issue aims to publish recent progress in these research topics. With this knowledge, we will be able to not only further understand the complex relationships and effects of climate and land-use changes on vegetation, but also create better adaptive management plans and policies to promote positive effects while minimizing negative ones. All types of research methods, such as field observations, experimental studies, and remote sensing technologies, are welcomed. The proposed studies could cover, but are not limited to, change impacts on vegetation states at various spatial scales, interaction effects on impact intensity, ecosystem resilience and resistance under different change impacts, biotic and abiotic mechanisms in vegetation–climate interaction, cascading effects of climate and land-use changes toward human society through vegetation, key indicators or decision-support criteria for better vegetation impact assessment, as well as sustainable management to promote the capability of vegetation to adapt to changes.

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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

Dr. Daniele Contini

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