



Effects of Natural and Anthropogenic Factors on Climate and Environment

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Message from the Guest Editors

This Special Issue “Effects of Natural and Anthropogenic Activities on the Climate and Environment” will focus on the natural and anthropogenic activities that affect the climate and environment of any region around the globe. The climate and environment of any region may be affected by natural/anthropogenic activities occurring at any place. The changing climate due to anthropogenic activities may bring changes in temperature, precipitation, and wind circulation, which may in turn cause a change in the biodiversity of any region. Atmospheric and water thermal extremes may also bring storms and cyclones, which may cause disaster in any region. This Special Issue will take a broader view and welcomes articles introducing new methods and techniques in environmental and climate modeling and simulation, numerical predictions, and thermal extremes, etc., for demonstrating the impacts of natural and anthropogenic activities on the climate and environment. Also welcome are articles that use significant and novel methods and present new solutions to problems arising from natural and anthropogenic activities.





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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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