Special Issue

Nature-Based Countermeasures in Atmospheric and Climate Research

Message from the Guest Editors

Nature-based solutions provide a strategic intervention to increase resilience and mitigate the adverse impacts of urbanization, industrial processes, and climate change. You are invited to contribute original research and review articles focused on the use of nature-based solutions to support air pollution abatement, carbon sequestration, climate resilience, phytoremediation, thermal comfort, and urban sustainability for healthy and liveable neighborhoods, cities, and communities. Research on the interactions between nature-based solutions and air quality, climatic processes, and heat across different urban, suburban and peri-urban morphologies, is also appropriate for inclusion in this Special Issue. Contributions may include experimental field research, modelling studies, biometeorological surveys, and methods and techniques for evaluating the impact of nature-based solutions on climatic conditions.

Guest Editors

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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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