



Urban Green and Blue Infrastructure—Climate Change and Prediction

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Urban green–blue infrastructures are crucial for mitigating the heat island effect, reducing stormwater runoff, and improving air quality, among other benefits. However, the impacts of climate change, such as the escalation of temperatures, alteration of rainfall patterns, and increase in extreme weather conditions, pose new challenges for urban green and blue infrastructure. There is a need for new approaches that can help to design, implement, and monitor urban green and blue infrastructures that are resilient to the impacts of climate change, and predict their performance in changing environmental conditions.

This Special Issue aims to explore how advanced technologies can be used to enhance resilience and maximise the co-benefits of green–blue infrastructures in the face of these challenges.





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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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