Special Issue

Hazards, Urbanization, and Climate Change

Message from the Guest Editors

Climate and society are co-evolving in a manner that can place more people at risk from environmental hazards. The interaction among climate change, urbanization, and environmental hazards is complex and less understood. There is a knowledge gap regarding how climate change and urbanization interact, synergistically or counteractively, in intensifying the severity of—and the exposure to—environmental hazards. This Special Issue aims to advance our understanding of the interactions among climate change and urbanization and their compound effect on the environmental hazards. We invite contributions that investigate how climate change and urbanization affect hazards, including heat waves, floods, droughts, and wildfires. In particular, we encourage submissions that quantify the relative contributions from—and the potential interactions between—climate change and urbanization. Contributions can include original research with the results generated by modeling or observational studies, as well as comprehensive literature reviews on the interactions among climate change, urbanization and environmental hazards.

Guest Editors

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Deadline for manuscript submissions

closed (3 July 2021)

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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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