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Increasing Risk of Natural Hazards and the Impact Assessment in a Changing Climate

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Deadline for manuscript submissions:
closed (31 December 2023)

Message from the Guest Editors

This Special Issue aims to collect research on climate change impacts and risks driven by the compound and chain evolution of natural hazards due to trends, variability, and extreme characteristics of climate change, and its co-dependence on changes in dynamic human societal vulnerability and adaptive capacity. The potential research topics include but are not limited to:

- Climate change impacts and risks;
- Variability and impacts of extreme temperature and extreme precipitation events;
- Changes and impacts of droughts, floods, landslides, etc.;
- Susceptibility and hazard modeling;
- Assessment of vulnerability and adaptive capacity;
- Environmental impacts and risks under climate change;
- Effect of climate change on critical infrastructure.

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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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