

## Special Issue

# Practical Implications of Future Changes in Climate Extremes and Natural Hazards

### Message from the Guest Editors

We invite submissions to this Special Issue from researchers working on a wide range of interdisciplinary topics and techniques. We seek research papers investigating future extremes and hazards and their relevance for climate change risk management, including studies supporting decision-makers and stakeholders to better plan for and manage risk from climate change at a regional scale. Furthermore, studies that unravel critical issues for sector-specific challenges (for example insurance, finance, energy, etc.) are also encouraged. We are particularly interested in work across extreme rainfall/flood-producing rainfall, temperature extremes (hot/cold extremes), drought, bushfire, severe storms/wind, hail, lightning, statistical analyses, model performance/evaluation at different scales, etc. Studies addressing future changes in the frequency, intensity, and duration of future hazards and subsequent implications are of interest, as are integrated analytical/modelling approaches such as those linked with other types of modelling systems such as hydrology, air quality, etc.

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### Guest Editors

Dr. Kathleen Beyer

School of Geography, Planning and Spatial Sciences, University of Tasmania, Hobart, TAS 7001, Australia

Dr. Fei Ji

Department of Planning, Industry and Environment, Parramatta, NSW 2150, Australia

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### Deadline for manuscript submissions

closed (21 February 2024)



## Atmosphere

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*Atmosphere*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[atmosphere@mdpi.com](mailto:atmosphere@mdpi.com)

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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!

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### Editor-in-Chief

Dr. Daniele Contini

Institute of Atmospheric Sciences and Climate (ISAC), National Research Council (CNR), Str. Prv. Lecce-Monteroni km 1.2, 73100 Lecce, Italy

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