



Natural Disasters and Hazards in the Geographical Environment (2nd Edition)

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Message from the Guest Editor

Dear Colleagues,

This Special Issue of *Atmosphere* encompasses papers that present interdisciplinary concepts, methods, and case studies in the prediction, characterization, monitoring, mapping, communication, risk management, and mitigation of hydro-meteorological hazards and disasters (extreme climate events, wildfires, droughts, floods, mass movements (wet), rainfall erosivity, etc.). All types and sub-types of hazards and disasters associated with the atmosphere, hydrosphere, and land, as well as those induced by climate change and variability, will be considered. The main topics of interest include (but are not limited to) the environmental, socio-economic, and health aspects of hydro-meteorological hazards and disasters in various geographical settings; quantitative and qualitative hazard and risk assessment; multi-hazard risk assessment; multi-vulnerability risk assessment; multi-hazard early-warning systems; advances in hazard and disaster visualization; applications of new techniques in hazard and disaster research; and the spatial-temporal effects on hazard and risk assessment at local to regional scales.

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Guest Editor





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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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