

Special Issue

Extreme Weather Events: Predictions, Management, Vulnerabilities of Economic Sectors, and Remote Impacts

Message from the Guest Editors

With the growing uncertainty of water availability in the face of climate change, governments, businesses, and communities are becoming aware that they are vulnerable to a wide range of issues associated with water resources. In response, various stakeholders and water users are moving forward and increasing their organizations'/regions' resilience to hydrological extremes. To improve understanding of the vulnerabilities of our economic sectors to extreme weather events both now and in future (climate) conditions, we kindly invite researchers to contribute in (1) use of extreme weather prediction and forecasting in assessing vulnerabilities of economic sectors and associated impacts, (2) the management of hydrological extremes to build the resilience of economic sectors including climate change adaptation, (3) the remote vulnerabilities of economic sectors, embodied in supply chains and imported products, to global extreme weather events. We specifically encourage researchers involved in IMPREX and BINGO, Horizon2020 funded projects, to submit research articles.

Guest Editors

Dr. Ertug Ercin

Prof. Dr. Bart Van den Hurk

Dr. Ted Veldkamp

Deadline for manuscript submissions

closed (15 December 2019)



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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

Dr. Daniele Contini

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