Special Issue

Climate Extremes in the Pannonian Basin (2nd Edition)

Message from the Guest Editor

In recent decades, we have found more and more evidence that climate change is making extreme events more likely or more intense. As these events often cause significant damages in human and natural systems, they are considered to be among the potentially most harmful consequences of a changing climate. This Special Issue is open to all publications on climate extremes (research or review papers) in the Pannonian Basin, which is the focus area of the Pannonian Basin Experiment (PannEx) Regional Hydroclimate Project of the Global Energy and Water Exchanges Project of the World Meteorological Organisation (GEWEX). This Special Issue covers all topics regarding practices and challenges related to the detection and attribution of changes in climate extremes. Our intention is to understand and predict climate extremes by analysing: historical records or estimated based on the climate model data; synoptic and seasonal conditions generating climate extremes; social, economic, and environmental impacts of climate extremes; perception; and public policies and strategies to be implemented at urban/local or regional levels.

Guest Editor

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Deadline for manuscript submissions

closed (2 July 2023)

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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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