Special Issue

Climate Extremes in the Pannonian Basin: Current Approaches and Challenges

Message from the Guest Editor

In recent decades, most of the regions around the world have experienced significant climate changes. The aim of this Special Issue is to address different approaches and methodologies in analysing climate extremes 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 intends to cover topics to support our ability to understand and predict climate extremes on both continental and local scales by improving the knowledge of environmental water and energy exchanges on a regional scale related to: the analysis of observation data; synoptic and seasonal conditions generating climate extremes and their impact on a local scale; changes detected in the historical records or estimated based on the modelled data; the social, economic, and environmental impacts of climate extremes; perception, public policies and strategies to be implemented at urban, local and/or regional levels. We invite researchers to submit papers for this Special Issue focusing on climate extremes in the Pannonian Basin region.

Guest Editor

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Deadline for manuscript submissions

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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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