

Special Issue

Heat Waves in Europe

Message from the Guest Editors

Heatwaves are going to be longer and more severe due to contemporary climate change. Numerous studies address this issue, providing analyses of enhancing factors, case studies of past events, influence of atmospheric circulation, various biometeorological indices, future projections, and consequences of those extreme events, including elevated mortality. In this issue, we invite authors from different European countries to send manuscripts analyzing heatwaves in your country with one unified method, which allows us to compare results. Here, we define heatwaves based on the most common approach, which is:

- Maximum daily temperature;
- 95th percentile from the summer months (JJA) from the 1981–2010 base period;
- At least 3 consecutive days.

We accept manuscripts focusing on various aspects of heatwaves; we only require the usage of the above methodology as one of the possible approaches. If you are not able to provide such research, please send this invitation to other researchers who might be interested in providing such studies.

Guest Editors

Dr. Agnieszka Krzyżewska

Prof. Dr. Jens Hesselbjerg Christensen

Prof. Dr. Zbigniew Ustrnul

Deadline for manuscript submissions

closed (27 January 2022)



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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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