Special Issue

Extreme Weather Events in Siberia

Message from the Guest Editor

The increase in intensity and frequency of extreme weather events (EWE) is the most dramatic consequence of global climate change. EWE include such weather phenomena as periods of prolonged heat and cold (heat and cold spell), squalls and tornadoes, and hurricanes, extremely high precipitation, lightning, hail storms, and others. Siberia is uniquely vulnerable to climate change; however, despite great efforts, at the moment, there is still insufficient information regarding weather extremes both in the past and during the period of observed warming of the climate. This Special Issue aims to collect as much information about extreme weather events in Siberia as possible. We invite research on all seasons, scales, and types of extremes.

Guest Editor

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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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