Special Issue

The Impacts of Space Weather on Human Health

Message from the Guest Editor

The aim of this Special Issue is to showcase the new results of associations between space weather (for example, space storms, solar proton events, solar flares, cosmic rays activity, Pc1 and Pc4-Pc5 geomagnetic pulsations, and high-speed solar wind) and various aspects of human health, especially on the cardiovascular system. The main topics of this issue are (1) the impact of space storms on humans, (2) the associations between solar wind variation and human health variables, (3) the complex effect of space weather and other environmental phenomena (e.g., air temperature, atmospheric pressure, seasonality, air pollution, and teleconnection patterns) on the risk of adverse health events or fluctuations in the physiological variables in humans, and (4) the complex effect of the Earth's magnetic field and weather pattern on humans. Sincerely,

Guest Editor

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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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