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Effects of Climate Change on Human Health and Thermal Comfort Conditions and Adaptation

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Message from the Guest Editors

Dear Colleagues,

Thermal sensation involves regulating heat exchange between the body and the environment, thus it is affected by the external temperature. Exposure to extreme heat increases heat stress and the mortality risk, especially in vulnerable groups.

To ameliorate the adverse effects of climate change, we must expand our knowledge of the challenges that concern human thermal comfort and health in outdoor environments. Therefore, we are pleased to announce the Special Issue on 'Effects of Climate Change on Human Health and Thermal Comfort Conditions and Adaptation', the objectives of which are two-fold: The first objective is to enhance our scientific understanding of the effects of the thermal environment on human health and thermal comfort conditions in the urban environment. The second objective is to provide science-based knowledge, new approaches, and solutions regarding the various adaptation and mitigation strategies for the amelioration of the adverse consequences of climate change.

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Editor-in-Chief

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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!

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