Climate Services, Weather Forecasts and Prevention of Human Thermal Stress

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Message from the Guest Editors

Climate change is increasing average global temperatures and the intensity, frequency and duration of heat waves and cold spells. Weather forecasts will be more valuable if combined with individual characteristics and translated into integrated evaluation of heat balance and personalized adaptation strategies for improved thermal stress warnings, preparedness, prevention, and protection. The evaluation and prediction of the impact of weather patterns on heat and cold strain can provide earlier warnings for health effects of clinical significance.

This special issue welcomes manuscript on combining meteorological forecasts with evaluation of thermal physiological responses and perceived thermal sensations. Human thermal modelling in connection with meteorological data and practical case studies on effective prevention, protection, intervention, sustainable solutions and adaptation strategies are relevant research areas. Meteorological services to forecast thermal stress and health risks for vulnerable populations.

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Special Issue

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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