



The Impact of Extreme Weather and Climate on Human Health

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Message from the Guest Editor

The warming global climate and projected increase in the frequency and intensity of extreme weather events places humans at an increased risk of potentially detrimental health burdens. An increase in the frequency and severity of heat waves, hurricanes, wildfires, and similar weather events will contribute to the ever-evolving need to understand the impact of climate and weather on health, create evidence-based solutions to prevent detrimental health impacts, and support resiliency efforts to adapt to our new normal. These topics are not only important for healthy populations across different lifespans, but are particularly important for populations spending extended time outdoors, such as laborers and military members. Further, clinical populations, including individuals with cardiovascular disease, pulmonary conditions, overweight/obesity, and metabolic disorders, can be at a greater risk of health impacts due to extreme weather. The purpose of this Special Issue is to highlight emerging research on the impact of extreme weather and climate on acute and long-term outcomes of human health, and emerging strategies to maintain a healthy population in the face of a changing climate.





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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. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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