

Special Issue

Extreme Weather, Air Pollution, and Human Health

Message from the Guest Editors

Extreme weather and air pollution are two leading environmental health stressors, which annually cause millions of premature deaths worldwide, according to recent reports on the global burden of disease and climate risk index. This Special Issue aims to present new articles or reviews on the health risks of both extreme weather and air pollution. Topics to be covered include but are not limited: (1) Health risk assessment of air pollution, particularly indoor air pollution; (2) Health risk assessment of extreme weather, particularly compound extremes; (3) Projection of health risks of extreme weather and air pollution under climate change scenarios; (4) Synergistic health effects of air pollution with extreme weather conditions (such as extreme temperature and humidity); (5) Health benefits of mitigation and adaptation to air pollution and extreme weather; (6) New methods for air pollution exposure assessment; (7) Health warning of air pollution and extreme weather events.

Guest Editors

Dr. Jun Yang

Dr. Wenjun Ma

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Deadline for manuscript submissions

closed (30 November 2021)



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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

Dr. Daniele Contini

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