Special Issue

Association Between Weather and Climate Conditions for Human and Animal Diseases

Message from the Guest Editors

This Special Issue explores the dynamic interplay between environmental factors and disease ecology. By analyzing how shifts in climate and weather patterns affect the behavior of pathogens, hosts, and vectors, it aims to advance our knowledge of disease risks and inform prevention strategies. Furthermore, it addresses the broader implications of these interactions for public health, veterinary medicine, and ecosystem stability. Contributions to this Special Issue encompass a diverse range of disciplines, including epidemiology, climatology, microbiology, and ecology. Studies leveraging innovative methodologies, such as remote sensing, climate modeling, and big data analytics, are particularly encouraged in order to highlight cutting-edge insights into this critical field. By fostering an interdisciplinary dialogue, this Special Issue seeks to provide actionable knowledge for policymakers, health professionals, and researchers. In doing so, it aims to enhance resilience against climate-sensitive diseases and contribute to global efforts toward sustainable health solutions for both human and animal populations.

Guest Editors

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Deadline for manuscript submissions

30 September 2026

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 5.4

mdpi.com/si/241452

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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

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