

Special Issue

2nd Edition: Infectious Disease Modeling in the Era of Complex Data

Message from the Guest Editors

With the recent explosion of open data sources, novel analytical tools, increased computation and visualization capacities, and public interest in data-related topics, new opportunities have emerged to better understand the nature, drivers, and implications of emerging and re-emerging infections, especially infections notorious for their strong seasonal patterns, sensitivity to climate and weather fluctuations, and links to environmental drivers. This Special Issue highlights the advancements and challenges of quantifying important features in disease dynamics. We aim to provide a broad range of examples where the knowledge of temporal dynamics, environmental factors, and seasonal characteristics. We especially encourage the submission of interdisciplinary work and multi-country collaborative research. We also encourage the submission of health policy-related manuscripts that focus on issues related to infectious disease dynamics and their relationship to the environment, and recommendations for improving local and global surveillance systems. The SI first edition (19 nice papers published): https://www.mdpi.com/journal/ijerph/special_issues/Infectious_Disease_Modeling

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closed (30 April 2023)



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About the Journal

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.

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 journal.

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