

Topical Collection

Outbreak of a Novel Coronavirus: A Global Health Threat

Message from the Collection Editor

The outbreak of the novel coronavirus (COVID-19) emerged in Wuhan in December 2019 and has become an ongoing epidemic in China. The outbreak is spreading rapidly. Currently, the priority is to contain the spreading of the virus and help patients to recover.

Meanwhile, it is urgent to understand how the virus is transmitted between people, what factors lead to the outbreak, what are patterns and future trends of outbreak, and what are efficient ways to curb the outbreak and treat patients? This Special Issue solicits papers that help to understand the outbreak of a novel coronavirus from global health perspectives. Papers closely related to the topics below are particularly welcome: Epidemiological characteristics of the outbreak of a novel coronavirus; Environmental fate and transmission pathway of a novel coronavirus; Pattern recognition and prediction of the outbreak using data analytics; Experience and insight in preventing and curbing the outbreak; Global health influence of the outbreak of a novel coronavirus.

Collection Editor

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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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