

Special Issue

Transmission Dynamics of Novel Coronavirus Disease 2019 (COVID-19)

Message from the Guest Editors

This Special Issue solicits papers that help us understand the outbreak of the novel coronavirus. Papers that discuss the topics below are particularly welcome:

(1) Estimating key epidemiological variables of COVID-19 such as such as basic reproduction number (R_0), serial interval, incubation period, and case fatality ratio. The epidemiological characteristics need to be elucidated for better understanding of the COVID-19 outbreak.

(2) Investigating the biological and clinical characteristics of previous major outbreaks of coronavirus including the severe acute respiratory syndrome coronavirus (SARS-CoV) in 2003 and the Middle East respiratory syndrome coronavirus (MERS-CoV) infection outbreaks compared to the COVID-19 outbreak.

(3) Quantifying the impact of interventions aimed at containing or mitigating the epidemic, such as rapid diagnosis, social distancing, and school closures.

Guest Editors

Dr. Hyojung Lee
Prof. Dr. Sunmi Lee
Dr. Jong-Hoon Kim

Deadline for manuscript submissions

closed (28 February 2021)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/46992

*International Journal of
Environmental Research and
Public Health*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

[mdpi.com/journal/
ijerph](https://mdpi.com/journal/ijerph)





International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



[mdpi.com/journal/
ijerph](https://mdpi.com/journal/ijerph)



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.

Editor-in-Chief

Prof. Dr. Paul R. Ward

School of Society and Culture, Adelaide University, Adelaide 5001,
Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)