

## Special Issue

# Data Science and Machine Learning in Chronic Disease Management

### Message from the Guest Editors

With the advance of computational technologies, data have become largely available concerning various aspects of disease diagnostics and management. With the COVID-19 outbreak, it has become apparent infectious diseases can impact human lives from various perspectives—clinical, social and economic. It has become more important than ever to predict and diagnose progression of infectious disease, macro and microeconomic impacts, environmental and other risks that can result from such an outbreak. Machine learning, artificial intelligence and associated technologies can assist in processing big data for automated diagnostics, prediction and decision making concerning chronic and infectious diseases. In this Special Issue, we welcome the submission of papers that use machine learning, artificial intelligence and associated technologies and have a clear implication for healthcare decision-making, economic impact management and medical decision making for chronic and infectious diseases. The submitted papers can be based on primary (e.g., based on study design) or secondary research data (e.g., administrative claim data and electronic medical records).

### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2021)



## International Journal of Environmental Research and Public Health

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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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### Editor-in-Chief

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