Machine Learning and Public Health

Guest Editors:

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Deadline for manuscript submissions:
closed (31 August 2023)

Message from the Guest Editors

Artificial Intelligence methodologies including machine learning have the possibility of transforming public health research and impact. These emerging methodologies offer public health new tools to be able to address problems for which classical methodologies are not well suited. This Special Issue welcomes articles that use artificial intelligence/machine learning to address public health issues, such as:

- Identifying emerging threats (e.g., COVID-19) more quickly;
- Providing more detailed and up-to-date understanding of population disease and risk factor distributions (e.g., online disease surveillance tools, targeted lead inspections);
- Improving forecasting of disease incidence of population health planning;
- Improving targeting of health promotion activities (e.g., sentiment analysis, online tools/apps);
- Integrating artificial intelligence and machine learning into causal analysis of public health topics.

Special Issue

Editor-in-Chief

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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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