Special Issue

Health Information Systems: Advanced Machine Learning in Health Applications

Message from the Guest Editors

In this Special Issue, we call for innovative use of advanced machine learning algorithms in health applications—both theoretical and practical applications. Machine learning-driven health approaches characterized by advanced research methods, reviews, the development of innovative technologies, and the applications of these methods and technologies to a wide range of health consumers form part of this Special Issue. Both research and review papers addressing these topics are invited for this Special Issue, especially those combining a high academic standard coupled with a practical focus on providing solutions to both researchers and practitioners. **Keywords**

- health information systems
- machine learning
- innovative algorithms
- data mining
- predictive modeling

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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

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