



## Advancements in Machine Learning and Statistical Modeling, and Real-World Applications

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Deadline for manuscript submissions:

**closed (31 December 2022)**

### Message from the Guest Editors

Statistical analysis and machine learning models are efficient in dealing with complex prediction models due to their outstanding performance in handling large-scale data sets with uniform characteristics and noisy data. Machine learning statistical models are embedded in various technologies: edge, cloud, IoT, and block-chain. The invention of new machine algorithms and statistical models significantly contributes to the development of various real-time applications. This special section provides an excellent international forum for sharing knowledge and results regarding statistical theory and models; machine learning algorithm application; and other mathematics models for several sectors, such as health, education, transportation, and agriculture. This Special Issue also covers novel and scientific aspects for future real-time application development and emerging technologies with various mathematics-based AI approaches, and seeks original and unpublished research articles, including theoretical studies, practical applications, and predictive models, to contribute novel findings to the research community.





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## Message from the Editor-in-Chief

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