



Advances in Statistical Modeling

Guest Editor:

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Message from the Guest Editor

The deep learning (DL), machine learning (ML) and various stochastic models have been developed to solve many practical problems in the real world. In recent times, ensembles of models have been developed to deal with the complexity of emerging datasets, which cannot be captured by traditional statistical models. A large amount of data is being generated every year in many fields including ecology and environment. These data offer many challenges to researchers, such as robustness, big data, outliers, low prediction accuracy, data dimensionality, etc. There is a need to develop advanced statistical models/algorithms to capture their complex behavior.

Keeping these in mind, I am pleased to announce the Special Issue "**Advances in Statistical Modeling**" and would like to invite authors to submit their novel findings. The recommended topics include, but are not limited to, the following:

- Machine learning and deep learning techniques;
- Market intelligence;
- Big data modeling;
- Application of remote sensing;
- Time series analysis;
- Environmental pollution;
- Meteorological prediction;
- Advances in optimization technique.





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Message from the Editor-in-Chief

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