Special Issue

Innovative Methods in Long Sequence Forecasting and Time Series Analysis

Message from the Guest Editors

The widespread availability of temporal data across scientific and industrial domains has made time series analysis a foundation of data-driven decision-making. This Special Issue explores methods for analyzing long and complex sequential data, emphasizing spatial–temporal dependencies, uncertainty, and computational efficiency. We welcome contributions in statistical modeling, machine learning, deep learning, and hybrid methods, particularly those addressing challenges such as non-stationarity, high dimensionality, missing data, and ultra-long horizon forecasting.

Guest Editors

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Deadline for manuscript submissions

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The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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