

Special Issue

Advances in Time Series Analysis

Message from the Guest Editors

Time series analysis has recently attracted wide attention in many fields of science, such as remote sensing, hydrology, geodesy, geophysics, astronomy, finance, and medicine. Time series analysis is a very challenging task and often requires pre-knowledge of the data. For example, time series obtained from Earth observation data are often unevenly sampled (equally spaced) and have uncertainties due to various reasons, such as sensor defects and atmospheric effects. Therefore, new techniques that can consider such uncertainties, as well as irregularities in sampling, are highly demanded. In this Special Issue, we welcome: 1) Manuscripts describing applications of the methods mentioned above for analyzing time series obtained from various sensors; 2) Manuscripts demonstrating new time series analysis techniques and/or applications of existing methods.

- time series analysis
- wavelet analysis
- forecasting
- trend analysis
- monitoring
- regularization
- non-stationarity

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2022)



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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