



Advances in Time Series Analysis

Guest Editors:

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Deadline for manuscript
submissions:

closed (31 December 2022)

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





sensors



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Message from the Editor-in-Chief

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