Special Issue

Time Series Analysis of Global Climate Change

Message from the Guest Editor

This Special Issue aims to promote the use of time series methods for the statistical analysis of climate data, with particular emphasis on the detection and attribution of climate change. We solicit the submission of papers that capture the essential features of climate series, such as possible non-stationarity, nonlinearity, seasonality, and cycles (for instance, related to transitory phenomena such as volcanic eruptions or the El Niño Southern Oscillation). We also welcome submissions in the field of attribution of climate change highlighting interesting statistical challenges to which time series methods can contribute. A further aim is to establish and to evaluate methods for predicting temperature trends and global sea level rise or other climate variables. Accurate and reliable decadal prediction is crucial for feeding impact models and correctly quantifying the real consequences on territories and ecosystems in the near future.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2022)

Forecasting

Forecasting

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About the Journal

Message from the Editor-in-Chief

The new open access journal *Forecasting* provides an interdisciplinary forum for all aspects related to the immensely broad field of time series analysis and forecasting. The range of applications in forecasting is enormous, from energy forecasting or economic analysis of stock indices prediction, climate forecasting, chemical or natural process forecasting, etc. It is the aim of the journal to publish relevant topical contributions for the scientific community of forecasting in a timely manner. We would like to invite you to contribute to the journal by sending us your high quality research papers and would be pleased to welcome you as one of our authors.

Editor-in-Chief

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