Special Issue

Improved Forecasting through Artificial Intelligence

Message from the Guest Editors

Artificial Intelligence (AI) is changing the way society operates, perceives, trades, and communicates. In the last decade, researchers in AI have made paradigm-shifting progresses, thanks to increasing data availability and lower computational costs. This Special Issue will cover recent advances in artificial intelligence to improve the ability of analysts, businesses, organizations, and intelligence agencies to accurately predict the future. We welcome submissions from researchers and practitioners in the field of forecasting that use algorithmic or hybrid methods. Priority will be given to research articles that present significant advances in their field of application, rather than incremental ones. We especially seek submissions that advance their field with original empirical findings, new methods, or designs. We also encourage researchers to submit insightful perspectives into the future challenges that current AI approaches are facing, social and methodological roadblocks, and moral considerations on the effect that artificial forecasting systems may have on consumers, citizens, and countries.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2022)

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 22.9 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).