

Topical Collection

Near-Term Ecological Forecasting

Message from the Collection Editor

Near-term (daily to interannual) ecological forecasting is a rapidly growing research area focused on producing continually updated, actionable predictions of the future state of ecosystems, their services (e.g., water quality, forest products, fisheries, carbon sequestration), and risks (e.g., infectious disease, invasive pests) that increase scientific understanding and improve environmental decision making, management, and conservation. This Special Issue is open to papers that address individual ecological forecasts, multi-forecast comparisons/competitions, or other topics that advance research in this area, such as theory, standards, best practices, protocols, decision support, methods, and cyberinfrastructure. Examples include, but are in no way limited to, papers coming out of the Ecological Forecasting Initiative's NEON forecasting challenge. Papers are open to multiple approaches (statistical, machine learning, process-based, expert judgement) and systems (terrestrial, freshwater, marine; population, community, ecosystem) and could draw upon knowledge and research in the biological, social, computational, and physical environmental sciences.

Collection Editor

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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

Prof. Dr. Sonia Leva

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Author Benefits

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Journal Rank:

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Rapid Publication:

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).