Data-Based Prediction Models in Energy Systems: From Principles to Applications

Message from the Guest Editors

Data science has become an independent discipline, and numerous industries have benefited from data science and technology in recent years. As one of the lifelines of industrial society, energy is undergoing an unprecedented global revolution. Among the numerous successful applications of data-based prediction models in energy systems, we believe that such research will be very impactful in the near future. This Special Issue will feature high-quality works on data-based prediction models, including innovations in methodology and comprehensive applications. Potential topics include (but are not limited to): Grey system models for energy forecasting;AI-based models for energy forecasting;Hybrid data-based prediction models with intelligent algorithms;Applications in fossil fuels/renewable energy.

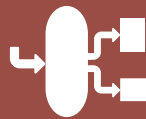## Guest Editors

Prof. Dr. Chao Min

Dr. Xin Ma

Prof. Dr. Xiaogang Li

Dr. Huohai Yang

Deadline for manuscript submissions

10 January 2025

Processes

About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Author Benefits

Open Access:
free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:
indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:
JCR - Q2 (Engineering, Chemical) / CiteScore - Q2 (Chemical Engineering (miscellaneous))