

## Special Issue

# Modeling, Analysis and Control Processes of New Energy Power Systems

### Message from the Guest Editors

This Special Issue on 'Modeling, Analysis and Control Processes of New Energy Power Systems' will gather high-quality research articles with original contributions to studies on the large-scale integration of new energy into power systems. Topics of interest include, but are not limited to:

- Optimal operation and control of new energy power systems;
- New energy power system control strategy for resilience enhancement;
- Modeling, analysis and control of flexible resources (including demand response, energy storage, power electronics device and so on) for new energy power systems;
- Modeling, analysis and control of AC–DC power systems;
- Modeling, analysis and control of interconnected multi-regional power systems;
- Coupling modeling, analysis and control of new energy power systems with gas networks and heat networks;
- Situation awareness and risk assessment of new energy power systems;
- Stability analysis and control of new energy power systems;
- Electricity market mechanism design and trading strategy of new energy power systems.

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### Guest Editors

Prof. Dr. Haoming Liu

Dr. Jingrui Zhang

Dr. Jian Wang

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### Deadline for manuscript submissions

closed (31 August 2022)



## Processes

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## 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.

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