

Spatial and Temporal Modelling of Renewable Energy Systems

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Message from the Guest Editors

Dear Colleagues,

This Special Issue addresses spatial and temporal modeling of renewable energy systems, both in a prospective as well as in a retrospective manner. Therefore, contributions which model the characteristics of future renewable energy systems are as welcome as contributions which assess the characteristics of the past performance and characteristics of renewable energies. Session contributions may range from purely climate-based assessments of simulated renewable generation time series to full energy system models used to better understand energy systems with high shares of renewables.

Studies may, for instance:

- Improve our understanding of how climate data can be used to model renewables;
- Show the spatial and temporal variability of renewable energy sources;
- Assess the complementarity of different renewable energy sources or locations;
- Derive land availability scenarios for renewable energies based on climatic, technical, economic, or social criteria;
- Assess past performance of renewables;
- Assess past spatial deployment patterns of renewables;
- Derive integrated scenarios of energy systems with high shares of renewables.





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Editor-in-Chief

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Message from the Editor-in-Chief

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CiteScore (2019 Scopus data): **3.8**, which equals rank 28/95 (Q1) in the category 'Earth and Planetary Sciences (miscellaneous)', rank 99/679 (Q1) in 'Geography, Planning and Development', and rank 13/40 (Q3) in 'Computers in Earth Sciences.'

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