International Journal of Geo-Information

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Spatial and Temporal Modelling of Renewable Energy Systems

Collection Editors:

Dr. Luis Ramirez Camargo

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Message from the Collection Editors

This topical collection addresses the spatial and temporal modelling of renewable energy systems, both in a prospective as well as in a retrospective manner. Therefore, contributions that model the characteristics of future renewable energy systems are equally welcome as contributions which assess the characteristics of the past performance and characteristics of renewable energies. Papers may reach 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 spatial deployment patterns of renewables
- Assess past impacts on land cover and land use change, including impacts on biodiversity and other environmental indicators

mdpi.com/si/34804

Topical Collection

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Message from the Editor-in-Chief

The *ISPRS International Journal of Geo-Information* invites you to submit research articles, reviews, and reports covering topics of the whole domain of geo-information. Although the journal was only founded in 2012, it has already achieved wide recognition in the scientific community. We are proud that since April 2015, our journal is indexed by the SCIE of the Web of Science. As Editor-in-Chief, I encourage you to consider *IJGI* for your scientific papers and would be pleased to welcome you as authors.

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