Special Issue

Remote Sensing of Renewable Energy

Message from the Guest Editors

Energy sources such as wind and sunshine are highly stochastic. Both weather conditions and production outputs need to be surveyed closely in order to maintain grid stability. For this purpose, all kinds of sensors and other recording systems such as unmanned aerial vehicles (UAVs) are required. This Special Issue intends to provide an overview over the latest developments in the field of remote sensing on renewable energies. These might be novel/improved methods, techniques, or algorithms in the field of remote sensing. The objective is clear but the variety of methods is high. Therefore, articles may come from the fields of engineering, statistics, data science, economics, or mathematics, for example. Articles may address, but are not limited to, the following topics:

- Advancements in error detection on solar panels or concentrated solar power mirrors.
- Advancements in UAV-based solar panel monitoring.
- Advances in the analysis of data (from sensors or satellites, for example).
- Data analytics in general.
- Technical advances in the field of remote sensing.
- Sensor data-based forecasting of renewable energy.
- Wind power remote sensing.
- Solar power remote sensing.

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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