Special Issue

Remote Sensing for Green Energy Development

Message from the Guest Editor

The world is embarking on the transition to green energy, which is renewable and clean and emits no or few greenhouse gases. Green energy sources are often readily available and usually naturally replenished. Though it has been widely recognised that green energy will play a key role in the decarbonisation of our energy systems in the near future, the capital cost associated with their development can be high. It is necessary to conduct a comprehensive evaluation of site suitability before making green energy investments. Remote sensing has proven enormously valuable and highly effective and efficient for the assessment of green energy potential. This Special Issue aims to offer a collection of papers that represent the recent advances in the application of remote sensing in the development of green energy. Topics to be covered include, but are not limited to, the following:

- new capabilities of remote sensing technologies in green energy development,
- novel approaches and methodologies for the assessment of green energy resources and potentials, and
- the integration of remote sensing and GIS for site characterisation and site suitability assessment for green energy

Guest Editor

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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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