Special Issue

Forecasting Cloudiness Using Remote Sensing Techniques and Sky Camera Imagery

Message from the Guest Editors

Many resources have been invested in promoting studies that reveal the impact of cloud cover on different types of systems, as well as in predicting when a cloud front may affect a specific geographical point.

To achieve these objectives, the first phase of cloud detection has traditionally been carried out with visual inspections by humans, but this has been relegated to the appearance of new technologies that have made automation and optimization possible in comparison with these more primitive techniques. In this sense, sky cameras play a very important role, since they are devices capable of capturing the appearance of clouds in the sky, providing a view of the sky from a terrestrial perspective. The growing appearance and improvement of these devices is allowing us to precisely and with certainty detect and monitor clouds, which can have great importance in any environment, especially those operated under renewable energy sources, becoming parties that contribute to improve the performance of equipment and systems involved.

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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.

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