Special Issue

Application of Remote Sensing to the Weather Prediction

Message from the Guest Editors

Remote sensing instruments provide the vital component of global observing systems for planet Earth. Especially with the increasing concerns over the extreme weather events along with global warming, application of remote sensing technology plays a vital role in accelerating the skill of weather prediction, by not only providing data for the monitoring and understanding but also feeding key observation data to the numerical weather prediction (NWP) models. To fully utilize these advanced observation data, advanced utilization technology, such as data assimilation and applications, is essential and critical for weather prediction. Additionally, other remote sensing data from ground-based and airborne instruments. For the current Special Issue, community members are invited to submit manuscripts dealing with current accomplishments and future advancements of remote sensing in weather prediction, such as analysis and/or assimilation for weather forecasts, quality control and calibration of remote sensing data, and new algorithms for new instrumentation, to name a few.
Prof. Chian-Yi Liu

Guest Editors

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Deadline for manuscript submissions

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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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