



Application of Remote Sensing to the Weather Prediction

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Message from the Guest Editors

Dear Colleagues,

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.

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Guest Editors





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