



## Tropical Cyclones Remote Sensing and Data Assimilation

Guest Editors:

**Prof. Dr. Xiaofeng Yang**

**Dr. Bryan Stiles**

**Dr. Marcos Portabella**

**Dr. Gang Zheng**

Deadline for manuscript  
submissions:

**closed (21 March 2020)**

### Message from the Guest Editors

This Special Issue will focus on the newly-developed methods for TC monitoring using state-of-the-art remote sensing techniques. The topics of this Special Issue include, without being limited to, the following subjects:

- Remote sensing of wind under TC conditions
- Tropical cyclone intensity estimation
- Tropical cyclone integrated kinetic energy estimation
- Monitoring of cyclone structures
- Convection and precipitation observations
- Observations of air–sea interaction and intensity changes
- Damage assessment using satellite observations
- Satellite data assimilation and applications in TC forecasts

Authors are requested to check and follow the specific *Instructions to Authors*, see:

<http://www.mdpi.com/journal/remotesensing/instructions>

We look forward to receiving your submissions in this interesting area of specialization.

Dr. Xiaofeng Yang  
Dr. Bryan Stiles  
Dr. Marcos Portabella  
Dr. Gang Zheng  
*Guest Editors*





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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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