Special Issue

Quantitative Remote Sensing of Vegetation and Its Applications

Message from the Guest Editors

Quantitative remote sensing of vegetation can provide spatially and temporally continuous monitoring of Earth's system parameter data and deliver invaluable insights into diverse fields such as agriculture, forestry, and environment. Potential topics for this Special Issue may include, but are not limited to, the following:

- Satellite-based vegetation monitoring, estimation, and modeling: techniques (artificial intelligence, multi-sensor data fusion, etc.), evaluation, and future missions;
- Applications of new sensors/algorithms to biochemical/biophysical parameters, such as FVC, LAI, vegetation productivity, biomass, pigments;
- Novel data fusion of spectral, LiDAR, or Radar data obtained from different platforms;
- New product development or evaluation of uncertainty in current products;
- Vegetation degradation and structure variation monitoring using remote sensing;
- Evaluations of ecosystem vulnerability and resilience to climate change;
- Remote sensing applications in global environmental issues;
- Remote sensing applications in efforts to mitigate climate change, such as nature-based climate solutions.

Guest Editors

Prof. Dr. Kun Jia

State Key Laboratory of Remote Sensing Science, Faculty of Geographical Science, Beijing Normal University, Beijing 100875, China

Dr. Linqing Yang

Wilkes Center for Climate Science and Policy, School of Biological Sciences, University of Utah, Salt Lake City, UT 84112, USA

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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Message from the Editorial Board

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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Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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