Special Issue

Remote Sensing of Carbon Cycle Science

Message from the Guest Editor

The land and ocean carbon sinks play a key role in the carbon cycle, regulating atmospheric CO2 concentrations. However, their associated uncertainties remain large, leading to large uncertainties in climate feedbacks and therefore in atmospheric CO2 concentrations predictions. This Special Issue aims to bring together studies that focus on different aspects of the carbon cycle, encompassing the remote sensing of terrestrial CO2 (forests, land use/land cover change), ocean CO2, and atmospheric CO2. We also seek papers that describe new or future instruments and data that will advance the field of remote sensing of the carbon cycle. Papers using either airborne or spaceborne remote sensing data are welcome. Studies focusing on the interactions between the carbon cycle and the water cycle are also encouraged.

Guest Editor

Dr. Victoria Meyer
Division of Engineering and Applied Science, California Institute of Technology, Pasadena, CA 91125, USA

Deadline for manuscript submissions

closed (31 December 2021)

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

mdpi.com/journal/remotesensing

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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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