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# **Monitoring Forest Carbon Sequestration with Remote Sensing**

Guest Editors:	Message from the Guest Editors
Prof. Dr. Huaqiang Du	Dear Colleagues,
Prof. Dr. Wenyi Fan	The forest, as the main body of the terrestrial ecosystem,
Prof. Dr. Mingshi Li	has a huge carbon sink function and plays an important role in coping with global climate change. This Special
Dr. Weiliang Fan	Issue on "Monitoring forest carbon sequestration with remote sensing" mainly foucuses on new remote sensing
<b>Dr. Fangjie Mao</b> Deadline for manuscript	1aotheories, methods, and technologies for monitoring carbor sinks in forest ecosystems (including urban forest ecosystems) and calls for papers that present origina research on the following broad topics:
submissions: closed (15 December 2022)	<ol> <li>Application of new remote sensing techniques to estimate forest aboveground biomass carbon storage and soil carbon storage.</li> </ol>

- 2. Coupling remote sensing and ecosystem models to simulate the carbon cycle of a forest ecosystem.
- 3. Application of new sensors or algorithms to retrieve vegetation parameters closely related to forest carbon sink functions, such as leaf area index, tree height, chlorophyll, maximum rate of rubisco carboxylase activity, sun-induced chlorophyll fluorescence, forest age, etc.
- 4. Integration of multi-temporal or multi-sensor data to detect dynamic changes in and distrubances of forest resources









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# **Editor-in-Chief**

#### 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

### Message from the Editor-in-Chief

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*Remote Sensing* Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/remotesensing remotesensing@mdpi.com X@RemoteSens\_MDPI