



## Remote Sensing of Biological Diversity

Guest Editor:

**Prof. Dr. Gregory P. Asner**

Department of Global Ecology,  
Carnegie Institution for Science,  
260 Panama St., Stanford, CA  
94305, USA

Deadline for manuscript  
submissions:

**closed (31 May 2012)**

### Message from the Guest Editor

Dear Colleagues,

Biological diversity underpins a variety of biospheric functions as well as the services provided by ecosystems such as carbon sequestration, water quality, recreational resources and cultural identity. Remote sensing holds much promise for mapping and monitoring biodiversity, but today, it remains at an early stage of scientific development. This special issue will draw from ongoing studies focused on remote observation of spatial patterns and temporal changes in biodiversity on land and in aquatic ecosystems, and from local to global scales. Here we compile state-of-the-art research that specifically addresses the detection or monitoring of biodiversity in the context of classical species diversity, floristic composition, invasive species, and functional diversity.

Prof. Dr. Gregory Asner  
*Guest Editor*





an Open Access Journal by MDPI

## 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

*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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

**Journal Rank:** JCR - Q1 (*Geosciences, Multidisciplinary*) / CiteScore - Q1 (*General Earth and Planetary Sciences*)

## Contact Us

---

*Remote Sensing* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/remotesensing](http://mdpi.com/journal/remotesensing)  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)  
[X@RemoteSens\\_MDPI](https://twitter.com/RemoteSens_MDPI)