# Special Issue

# Remote Sensing for Monitoring Wildlife and Habitat in a Changing World

### Message from the Guest Editors

A key problem that ecologists and evolutionary biologist have strived to understand is the abundance and distribution of species. In this age of drastic and rapid rate of species extinction, such knowledge has become an essential component for management and conservation. Recent advances in remote sensing have become crucial for obtaining information on wildlife species occurrence and distribution, as well as for characterizing their habitat at scales ranging from local to global. However, many of these advances, while successful, are still constrained to particular geographic locations, species, and/or species assemblages. Therefore, much more research is urgently needed to develop and test effective techniques applicable at multiple scales and in different geographic settings, together with their incorporation into ecological research and biodiversity conservation. The works presented in this Special Issue represent scientific and technological innovations in remote sensing for assessing the spatio-temporal dynamics of wildlife species and their habitat, and their incorporation into ecological research and biodiversity conservation.

### Guest Editors

Prof. Dr. Andrés Viña

Center for Systems Integration and Sustainability (CSIS), Department of Fisheries and Wildlife, Michigan State University, East Lansing, MI 48824, USA

Dr. Mao-Ning Tuanmu

Biodiversity Research Center, Academia Sinica, 128 Academia Rd., Sec. 2, Nankang Dist., Taipei City 115, Taiwan

### Deadline for manuscript submissions

closed (31 December 2019)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/17007

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

mdpi.com/journal/remotesensing

MDPI

# Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

## About the Journal

### 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.

### 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

### 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)