



an Open Access Journal by MDPI

Land Cover/Land Use Change (LC/LUC) – Causes, Consequences and Environmental Impacts in South/Southeast Asia

Guest Editors:

Dr. Krishna Vadrevu

Earth Science Office, NASA
Marshall Space Flight Center,
Huntsville, AL, USA

Prof. Dr. Chris Justice

Department of Geographical
Sciences, University of Maryland,
College Park, MD, USA

Dr. Garik Gutman

NASA Headquarters, NASA Land-
Cover/Land-Use Change
Program, 300 E Street, SW
Washington, DC 20546, USA

Deadline for manuscript
submissions:

closed (30 September 2020)

Message from the Guest Editors

The current Special Issue invites articles on the use of remote sensing and geospatial technologies focusing on South/Southeast Asia in the the following LUCC areas:

- Use of remote sensing data for LUCC mapping/monitoring, quantifying the causes/consequences including impact assessment studies integrating both biophysical and social datasets;
- Remote sensing of forest cover changes and impacts on biogeochemical cycling;
- Agricultural monitoring and land use change mapping including remote sensing of crop production, farming practices and impacts on water/energy balance, et al;
- LUCC, urbanization and associated impacts (urban climate, air and water pollution, etc.)
- LUCC, fires, biomass burning and pollution impacts;
- Integrating remote sensing data for emission inventories linking bottom-up and top-down approaches;
- Mapping and monitoring of land management practices, disturbances, and interactions;
- Detecting long-term trends in LUCC and impacts on hydrological variables, such as runoff, ET, and soil moisture;
- Spatio-temporal data mining, modeling, and analysis for LUCC data and impact assessment studies;
- New tools and methods for LUCC data generation and dissemination.



mdpi.com/si/14171

Special Issue



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

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)