

## Special Issue

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

### 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 in 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.

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### Guest Editors

Dr. Krishna Vadrevu

Prof. Dr. Chris Justice

Dr. Garik Gutman

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**Deadline for manuscript submissions**



## Remote Sensing

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## 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.

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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

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