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 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.

Deadline for manuscript submissions: **1 March 2019**