



CALL FOR PAPERS

IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing Special Issue on

“Remote Sensing for Environmental Sustainability in the Asian-Pacific Region”

Worldwide urbanization and deforestation are the two main interconnected ways that human activities are continually changing and reshaping the Earth’s surface. How Earth observation and remote sensing technologies can contribute to improve the knowledge of the productivity and sustainability of natural and human ecosystems is an important theme in the global change community. In China, for instance, rapid economic growth and urbanization over the past three decades have resulted in dramatic changes in land use and land cover and have led to severe environmental consequences, which have made China’s sustainable development a grand challenge. Meanwhile, during the past few decades, environmental changes in the Asian-Pacific region have posed significant challenges to the scientific community. Therefore, the global problem of how Earth observation and remote sensing technologies may be applied to assessing, monitoring, modeling and simulating ecosystems, environments and resources at various spatial and temporal scales, translates into peculiar and very urgent questions and applications in this colossal and dynamic geographical region.

To address these key problems and concerns with this specific geographical point of view, this special issue aims at remote sensing technologies applied to the Asian-Pacific region. We invite papers describing issues of environmental sustainability in the Asian-Pacific region, especially on the following topics:

- Land cover and land use change;
- Retrieval and analysis of remote sensed data derived land surface biophysical parameters;
- Monitoring and modelling of local, regional, and global environments;
- Landscape patterns, processes, and properties;
- Improvements in spatial, spectral, radiometric, and temporal resolutions;
- New data, sensors, and techniques for detection and interpretation of Earth surface features; and
- Use of remote sensing methods for studies of environmental impacts, human environmental and infectious diseases, climate change, energy use, and mitigation strategies.

Schedule

January 31, 2019	Full paper submission deadline
January 2020	Publication date

Format

All submissions will be peer reviewed according to the IEEE Geoscience and Remote Sensing Society (GRSS) guidelines. Submitted articles should not have been published or be under review elsewhere. Submit your manuscript on <http://mc.manuscriptcentral.com/jstars>, and select the “Remote Sensing for Environmental Sustainability in the Asian-Pacific Region” special issue manuscript type. All submissions must be in the IEEE standard format (double column, single-spaced). For more detailed guidelines and information on paper submission, please consult the journal website. Please note that IEEE J-STARS applies a mandatory page over length charge of \$230 per page (beginning with page 7 and beyond) for non-GRSS members and \$200 per page for GRSS members.

Guest Editors

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