Special Issue on "Applied Earth Observations and Remote Sensing in India"

India is at the forefront in many areas of remote sensing and space science technologies and research. India's remote sensing satellites have acquired enormous amounts of data ranging from very coarse to fine spatial, spectral and temporal resolutions, with sensing modalities that include both optical and microwave technologies. These satellites have studied a wide range of scientific problems on land, oceans and atmospheres on Earth, as well as on the moon and Mars. Several national Institutes, Universities, and R&D Labs not only in India but also in other countries have generated highly promising results by using these data in generating thematic information of immense use in resources inventory, predictive analysis, and other applications. More broadly, India's research and development community has been engaged with international colleagues in advancements in processing and analysis of remotely sensed data that have occurred in the last two decade. These contributions span from data acquisition to the final step of making theme-specific predictions, and include feature extraction (information retrieval), information analysis/characterization, information reasoning, spatio-temporal modeling, and visualization. Moreover, data acquired by sensors on the international suite of remote sensing satellites have often been applied in an Indian context, as India's geophysical diversity makes it a unique natural test-bed for technique development and evaluation. With this background in mind, we call for high-quality papers that focus on remote sensing in the Indian context as described above, to be published in a Special Issue entitled "Applied Earth Observation and Remote Sensing in India".

Topics of the issue

Submissions are solicited on **all the topics** related to the scope of JSTARS: applied Earth observation sensors and techniques, as well as novel remotely sensed data processing algorithms, procedures, applications and results. Submissions must present new researches and cannot be a translation of papers already published in a different language.

Who can submit

Submissions are solicited by anyone from a Indian institution, be it a research institute, a university or a company, possibly in collaboration with other institutions in other places of the world (but in all cases the first author must be a person from India and working in India).

Publication costs

There will be no costs associated with the publications, as the IEEE Geoscience and Remote Sensing Society (GRSS) will cover all publication costs (except the costs for color figures in the printed version) for all the accepted papers. Additionally, **a selected number of the accepted papers (according to the decisions by the Guest Editors) will be made "open access"**, in order to spread as much as possible the reported results.

Format

All submissions will be peer reviewed according to the GRSS guidelines. Submitted articles should not have been published or be under review elsewhere. Submit your manuscript on http://mc.manuscriptcentral.com/jstars, using the Manuscript Central interface and select the "Remote Sensing in India" special issue manuscript type. Prospective authors should consult the site http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7676436 for guidelines and information on paper submission. Note that the IEEE now requires all the manuscripts are in double column and single-spaced format, and a template can be downloaded by following the link in the submission system.

Schedule

Manuscript due: **13 March 2017 (with no extension)**
Expected publication: **December 2017**

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