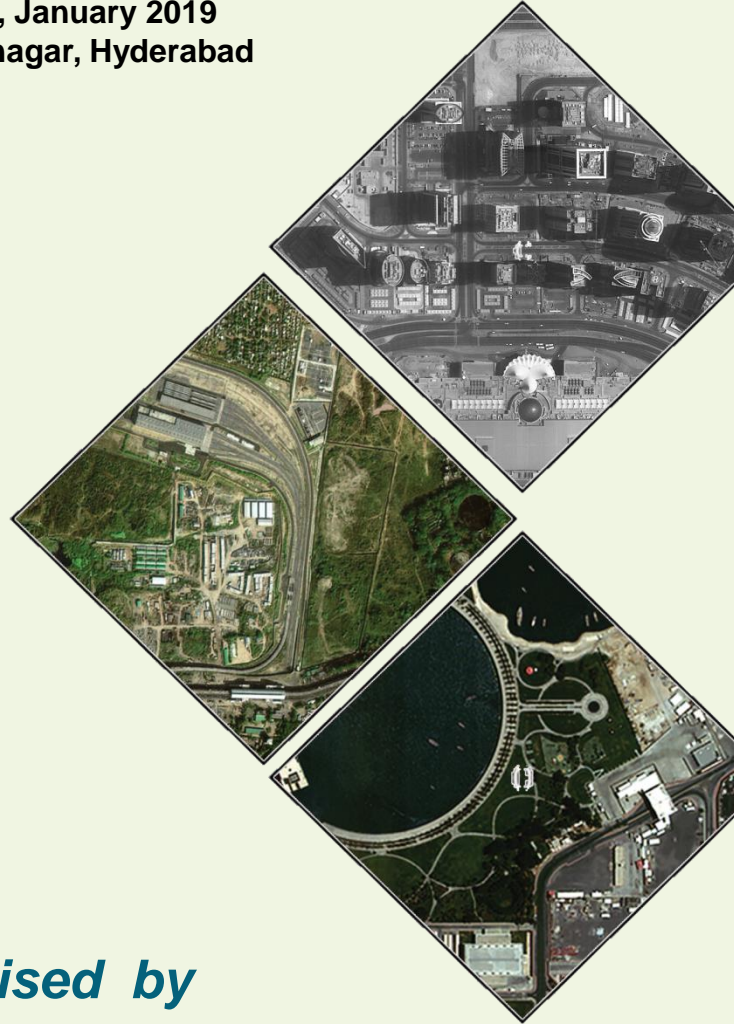




nrsc

User Interaction Meet - 2019

22nd & 23rd, January 2019
at NRSC, Balanagar, Hyderabad



Organised by

National Remote Sensing Centre

Indian Space Research Organisation

Balanagar, Hyderabad - 500037

National Remote Sensing Centre (NRSC)

National Remote Sensing Centre (NRSC) is an organisation of the Department of Space, Govt. of India, which ranks among the premier organizations in the world in operational Remote Sensing and Geo-information technology for use at the grass root level. It is located in eight places (Shadnagar, Balanagar & Jeedimetla (Hyderabad) and five Regional Centres) and is one of the Remote Sensing centres of Indian Space Research Organisation (ISRO), to realise the Indian Space Vision as a key player in Earth Observation Programme. The activity spectrum of NRSC encompasses Satellite Data Reception, Aerial Data Acquisition, Data Processing, Data Dissemination, providing value added products & application services to a wide spectrum of users in Governmental, Academic, Private, and Foreign sectors as well as capacity building. NRSC has wealth of images from Indian and foreign EO satellites in its archives and also has the capability to acquire data of any part of the globe on demand. NRSC has arrangements with Foreign Satellite Data Providers for distribution of High Resolution & Microwave data to the users in the country. NRSC also supports establishment of International Ground Stations through ANTRIX.

NRSC provides end-to-end solutions for utilization of data for Natural Resource Management, Geospatial applications and information services catering to food security, water security, energy security and sustainable development. NRSC provides a single window disaster management support service through the Disaster Management Support Division(DMSD) for major natural disasters like Floods, Agricultural Drought, Forest fires, Cyclones, Earthquakes and Landslides. It provides near real time information to State and Central government departments for relief, rehabilitation and planning. The DMSD also supports International Charter on Space and Major Disasters and Sentinel Asia. NRSC supports national user application projects with the support of its five Regional Remote Sensing Centres in Bangalore, Jodhpur, Kolkata, Nagpur & Delhi.

NRSC is also responsible for the implementation of Bhuvan, Geoportal of Indian Space Research Organisation showcasing Indian Imaging Capabilities in Multi-sensor, Multi-platform and Multi-temporal domain. This Earth browser provides a gateway to explore and discover virtual earth in 3D space with specific emphasis on Indian Region. Elevation data with 1arc second from Cartosat-1 (2.5m), Resourcesat-1 AWiFS data (56m) and LISS-3 (24m) of India are available free for registered users. Currently, Bhuvan provides a platform for showcasing various applications through spatial mashups.



Objectives of the Meet

The main objective of this meet is to convey to the geospatial user community regarding the developments in terms of products and services and enable them share their experiences. This is also an important forum for the mission team to get feedback on different aspects of data and quality, apart from the new requirements and policy related updates.

The focus on these two days will be on the application potential of IRS missions with special emphasis on the recent CARTOSAT-2S and scientific missions like SCATSAT-1, improved products & services and other important issues relevant to the user community. A presentation slot of about 10 minutes will be given to users based on screening of the papers by a panel of experts. There is no registration fee for the participants. However, in order to ensure participation from all sectors, the number of participation from an organization may be restricted to two persons. A separate session for students is planned on Day-2.

Submission of papers on case studies

The full papers (with Abstract) in English/Hindi are invited on any novel work undertaken by the user using RISAT, SCATSAT-1, RESOURCESAT-2/2A Cartosat-1 and CARTOSAT-2S satellites data. The soft copy of the full paper should be sent to nrsc_uim@nrsc.gov.in. Research scholars/students are encouraged to submit their case studies/research activities. This is also a good platform for students to meet scientists. The dates of submission of abstracts and full papers are given below:

Dates to remember

Submission of Full Paper (with Abstract): 5th Jan. 2019

Acceptance letter : 11th Jan. 2019

General guidelines to users presenting case studies:

The organizers will be happy to receive papers of high quality for publication. In order to ensure uniformity of presentation and ease of production of Conference Proceedings, a few guidelines for submission of papers are recommended.

1. The study should be novel and innovative
2. The papers shall be non-commercial and purely scientific/technology oriented.
3. Abstract: 100 to 150 words; do away with introduction (part of paper)
4. Issues in focus
5. Solutions conceived/attempted
6. Problems encountered/visualized – you may desire to further categorize these problems.
7. Recommendations: These may be placed before the Panel for discussion
8. Conclusions
9. The soft copy shall be in MSWord format .
10. The Organizers of the Conference, wherever needed, may take upon themselves the responsibility of pruning or editing the paper.

Address for Communication

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