



CALL FOR PAPERS

Special Session on “SpaceTech & Machine Learning for Earth System Analytics”

Session Chair(s):

- ❖ Mr. Navneet Ravikar, Group Chairman & Managing Director, LeadsConnect Services Pvt. Ltd., Noida – Uttar Pradesh, India.
- ❖ Dr. Alok B Mukherjee, Chief Remote Sensing-GIS Analyst & R&D Head – NE India Operations, LeadsConnect Services Pvt. Ltd., Noida – Uttar Pradesh, India.
- ❖ Prof. (Dr.) A.P.Krishna, Professor & Head, Department of Remote Sensing, Birla Institute of Technology, Mesra, Ranchi-Jharkhand, India.
- ❖ Prof.(Dr.) Bijay Singh Mipun, Professor & Head, Department of Geography-School of Human & Environmental Sciences, NEHU-Shillong-Meghalaya, India.
- ❖ Dr. Nirmal Kumar, Sr. Scientist (Agricultural Physics), NBSS-LUP, Nagpur-Maharashtra, India.
- ❖ Dr. Fayma Mushtaq, Geospatial Analyst, Department of Ecology, Environment and Remote Sensing, Government of Jammu & Kashmir, Srinagar, India.

Theme of Session:

Construing earth system science events are complex and difficult. Element of uncertainty is also associated with these events. It is therefore important to adopt robust and consistent computational frameworks for addressing the challenges of earth system science events. Moreover, there is a need to understand that spatial-temporal complexities also attribute to increasing the complexities and non-linearity in these events. So, appropriate advance technology intervention and implementation is an absolute necessity for deciphering the earth system science events. Hence, this session aims to bring all studies related to application of SpaceTech Analytics and Machine Learning for deciphering various aspects of earth system spanning from physical to social dimensions.

Topics of Interest:

We invite original (un-published) research contributions based on the above-mentioned theme including following topics **but not limited to**:



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- ❖ Role of Geospatial Analytics in AgriTech.
- ❖ Geospatial Analytics for Natural Resource Management.
- ❖ Geospatial Analytics for Disaster Management.
- ❖ Significance of SpaceTech / Machine Learning in Natural Hazard Analytics.
- ❖ Significance of Geospatial Analytics in Forest Management.
- ❖ Geospatial Analytics for Land Use / Land Cover Change Modelling.
- ❖ Significance of SpaceTech & Machine Learning in Earth Analytics.
- ❖ SpaceTech / Machine Learning for Risk Management.

Paper Submission Process:

Please submit your paper (in word/pdf format) at

email: alok.mukherjee@leadsconnect.in

with 'Name of Special Session: SpaceTech & Machine Learning for Earth System Analytics' mentioned in the subject line.

Program Committee:

- ❖ Dr. Akshay Kumar, Research Associate, Centre for Advanced Agricultural Science and Technology for Climate Smart Agriculture and Water Management, Mahatma Phule Krishi Vidyapeeth, Rahuri-Maharashtra, India.
- ❖ Mr. Nitesh Awasthi, Chief Remote Sensing-GIS Analyst, LeadsConnect Services Pvt. Ltd, Noida – Uttar Pradesh, India.
- ❖ Mr. Rakesh Saur, Technical Consultant – Remote Sensing, LeadsConnect Services Pvt. Ltd, Noida – Uttar Pradesh, India.
- ❖ Mr. Govind Sharma, Data Analyst, LeadsConnect Services Pvt. Ltd, Noida – Uttar Pradesh, India.

For any further queries related to this special session, please contact the session chairs at:

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