

National Symposium  
on  
**REMOTE SENSING FOR  
SUSTAINABLE FUTURE: A ROAD  
MAP TOWARDS VIKSIT BHARAT**  
and  
Annual Convention of  
**Indian Society of Remote Sensing  
Indian Society of Geomatics**



In association with



**Remote Sensing Applications Centre-Uttar Pradesh**

**11<sup>th</sup> – 13<sup>th</sup> DECEMBER, 2024**



[www.isrslucknow2024.com](http://www.isrslucknow2024.com)

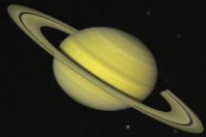
Jointly organized  
by



Hosted by

**Indian Society of  
Remote Sensing  
Indian Society of Geomatics  
Remote Sensing Applications  
Centre- UP, Lucknow**





## BACKGROUND



Indian Society of Remote Sensing (ISRS) and Indian Society of Geomatics (ISG), two premier professional bodies join together every year to organize a national symposium on relevant themes. This year, ISRS and ISG are jointly conducting its Symposium in collaboration with the Remote Sensing Applications Centre-UP to bring geospatial companies, regional industry and large-scale user organizations on board. This year's **theme "Remote Sensing for Sustainable future: A Road Map Towards Viksit Bharat"** is selected after recognizing the importance of technology and its applications in future for the development of Bharat. Currently, the set of tools and methodologies, combining the satellite data with the design and use of models, are facilitating, enriching and supporting decision-making. Digital intelligence is paving the transition from sources of data to the creating of social or economic value. At present, digital intelligence is playing a vital link in connecting the geospatial technologies that generate data and true value creation for organizations.

The purpose of the symposium is to provide an excellent platform and opportunity for Remote Sensing and GIS professionals, Earth-observation service sector companies, policy-makers, entrepreneurs, researchers and students to exchange their research ideas and knowledge base, discuss the benefits for society and public/private sector interactions, formulation and implementation of policies, and discuss/debate on emerging issues and challenges.



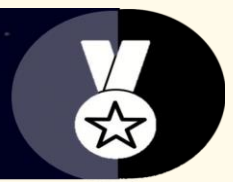
## CALL FOR PAPERS & ABSTRACT SUBMISSION



Original unpublished research papers, covering one or more sub-themes are invited for presentation. Authors may submit extended abstracts within 1000 words (a picture / figure will be considered as 200 words) in the prescribed format online through the symposium website. The last date for abstract submission is Nov 05, 2024. Extended Abstract volume of the symposium shall be brought out in digital form. The selected papers Extended Abstract will be invited for publications in special issue of Journal of ISRS (JISRS) after the peer-review process. The selection and invitation for full paper submission for JISRS will be made based on the evaluation in the symposium. Author must submit the extended abstract as per the guideline given in ISRS website.



## BEST PAPER / POSTER AWARDS



The best papers & posters in both student as well as general categories will be awarded from the papers/posters presented in the symposium.



**500+**  
Participants



**100+**  
Organizations



**500+ Sqm**  
Exhibition Space



**4+**  
Key



**20+**  
Sessions



**15+**  
Networking  
Hours

## ABOUT THE PROGRAMME

The registration of participants and dissemination of the information will be carried out through a dedicated website of ISRS ([www.isrslucknow2024.com](http://www.isrslucknow2024.com)) There will be sessions for various activities, viz., Inaugural Session, Plenary Sessions, Invited/Lead Talks, Theme-wise parallel Oral Sessions, Theme-wise poster Sessions etc. The programme will provide unique opportunity for exhibitors to showcase their innovations and upcoming trends in geospatial and allied industries as well as to carry out networking with dignitaries and delegates.

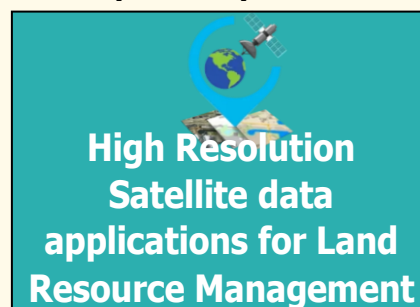
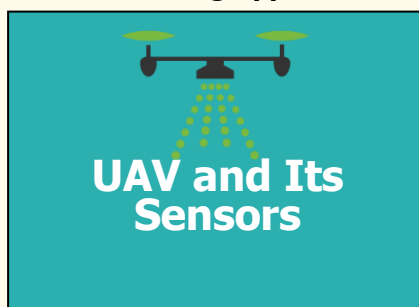
## MAJOR SUB-THEMES

The main theme of this National Symposium is **"Remote Sensing for Sustainable Future: A Road Map towards Viksit Bharat"**. Some of the major sub-themes are as follows:

- Agriculture, Soil, Water and Forest Resources management
- Decision support systems for e-governance
- Data Science, Artificial Intelligence and Machine Learning
- Start-up and Innovative geospatial technology
- Climate Risk and Climate resilience
- Current and Future Satellite Missions for Environment Watch
- Sensor Technologies and Data Processing (UAV, LiDAR, SAR, etc.)
- Astronomy and Planetary Remote Sensing
- Satellite Meteorology, Oceanography and Blue economy
- GNSS systems and applications
- Remote Sensing Applications for Central/State/Departments sponsor's project
- Atal Mission, Amrit Mission, health Mission, Namami Gange, NHAI, Agriculture, Forest, Earth Science, Soil, Water Resources, Infrastructure, Urban, Rural, Cadastral Map, Ground Water etc.

## PRE-SYMPOSIUM TUTORIAL (DEC 09-10, 2024)

To be conducted at Remote Sensing Applications Centre- UP (RSAC-UP)



## ANNUAL CONVENTION WITH UNIQUE ATTRACTIONS

Apart from paper presentations, a number of other professionally significant events are also lined up like the annual awards ceremony, Vikram Sarabhai Memorial Lecture, ISG Millennium Lecture, lead talks & plenary lectures by eminent experts, annual general body meetings of ISRS & ISG, etc. Besides technical presentations, other interesting features such as tours, exhibits, a cultural show, etc. will make the event an enriching, memorable and different experience for the participants.

## REGISTRATION FEE

	Early Bird Up to 31 <sup>st</sup> Oct, 2024	Up to 30 <sup>th</sup> Nov., 2024	On Spot Registration
ISRS/ISG Life members	Rs. 6500	Rs. 7500	Rs. 8000
Non-ISRS/ISG members (Government/Academia/ Non-Industry)	Rs. 7500	Rs. 8500	Rs. 9000
Non-ISRS/ISG members (Industry)	Rs. 8500	Rs. 9500	Rs. 10000
Students* & Senior Citizens	Rs. 4500	Rs. 5500	Rs. 6000
Students* & Senior Citizens (ISRS/ISG members)	Rs. 3500	Rs. 4500	Rs. 5000
Pre-symposium Tutorials**	Rs. 2500	Rs. 3000	Rs. 3500

\*It is mandatory for students to produce their valid ID card at the registration desk, else they will have to register with Rs. 6500.

\*\* Participants interested to register for both pre-symposium tutorial(s) and symposium are entitled for a discount of Rs. 1000/- on the total amount if fee is paid for both the events together.

### Payment

Payment gateway will be available on symposium website. For other modes of payment, the required information will be provided on the symposium website. The organizing Secretary may also be contacted, if required.

## ONLINE REGISTRATION

Interested participants may register online at the symposium website [www.isrslucknow2024.com](http://www.isrslucknow2024.com) on or before Oct 31, 2024 (early bird registration). Details regarding the online links for various sessions will be made available soon on symposium website. The operating languages of the symposium is English.

### About ISRS



Indian Society of Remote Sensing (ISRS) was established in 1969 with the main objective of advancement and dissemination of remote sensing technology in the fields of mapping, planning and management of natural resources and environment by organizing seminars/symposium and by publishing a monthly journal (JISRS), bulletins, proceedings, books, etc. Starting with 56 members, the society has now grown into a premier professional body with membership of over 5910 members. Currently, ISRS is a member of the International Society of Photogrammetry and Remote Sensing (ISPRS) and Asian Association on Remote Sensing (AARS)

### About ISG



Indian Society of Geomatics (ISG), established in 1993, is a premier society of professionals and institutions involved in promoting and popularizing Geomatics in India. It has about 2250 Life Members, 25 active chapters, 34 Patron members and 3 Sustaining Members. The ISG was formed by a group of professionals from government, academia, and industry with main objective of promoting the technology and applications of Geomatics so that it becomes an important part of the information management and decision-making processes. Apart from its Newsletter, ISG also has its own scientific journal, "Journal of Geomatics", started in year 2007.

### About RSAC-UP



Uttar Pradesh was the first and foremost state in the country to establish the first state Remote Sensing Applications Centre, Uttar Pradesh (RSAC-UP) in May, 1982 at Lucknow. RSAC-UP has been utilizing the geospatial technologies of satellite remote sensing, Image Processing, GIS, GPS, LiDAR, Bathymetry, Customized Software Development using AI, ML, DL & AL methods in conjunction with geophysical surveys, soil and water testing techniques for assessment, monitoring, utilization and management of various natural resources of the state with a view to achieve sustainable development.

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### Convener

**Shri A.K. Agarwal**, Chairman, ISRS, Lucknow Chapter



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**Shri A.K Agarwal**, Ex- Director, RSAC-U.P. & Chairman ISRS- Lucknow Chapter.

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- **Dr. D.K. Srivastava**, Director, CST Lucknow.
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- **Dr. Uttam Kumar Sarkar**, Director, ICAR, IISR, Lucknow
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- **Dr. Rasappa Viswanthan**, Director, Ganna Sansthan.
- **Prof. Rameswar Bali**, Lucknow University.
- **Prof. Abhay Karandikar**, Vice- President/ Secretary NRDMS, NSDL, DST, New Delhi.
- **Dr. Nikhil Lele**, Treasurer, ISG

## Convener

**Dr. M.S. Yadav**, Secretary, ISRS Lucknow Chapter

### Important Dates

Registration Opening on  
**Sep 10, 2024**

Last Date for Abstract Submission  
**Nov 05, 2024**

Intimation of Acceptance of  
abstracts: **Nov 20, 2024**

Last Date for Registration  
**Nov 30, 2024**

Submit abstract at

[www.isrslucknow2024.com](http://www.isrslucknow2024.com)

### New Entrant - I-CON Awards

ISRS I-CON is an innovation contest for geospatial technology enthusiasts. It is initiated by Indian Society of Remote Sensing (ISRS) to encourage students, research scholars and professionals to promote the development and dissemination of open source- based innovative solutions in the field of remote sensing and spatial information technology. Submit nomination at [www.isrslucknow2024.com](http://www.isrslucknow2024.com)

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Sponsors and exhibitors will benefit from this unique online exposure to eminent delegates & decision makers involved in the broad field of remote sensing. For further information and discussions regarding sponsorship & exhibition opportunities, please contact: [isrslucknow2024@gmail.com](mailto:isrslucknow2024@gmail.com)

## THE CITY OF LUCKNOW

**Lucknow** is the capital and the largest city of the Indian state of Uttar Pradesh. It has always been a multicultural city that flourished as a North Indian cultural and artistic hub and the seat of power of Nawabs in the 18th and 19th centuries. It continues to be an important Centre of governance, administration, education, commerce, aerospace, information technology, design, culture, tourism, music, and poetry. Lucknow, along with Agra and Varanasi, is in the Uttar Pradesh Heritage Arc, a chain of survey triangulations created by the Government of Uttar Pradesh to boost tourism in the state.

## CONTACTS

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