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Shri Parveen Kumar, IFS, PCCF, Dept. of Forest & Wildlife Preservation, Punjab
Dr. Brijendra Pateria, Director, Punjab Remote Sensing Centre, Ludhiana (Convener)

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Mr. S K Sahoo, Secretary, ISRS-Ludhiana Chapter
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Dr. J S Mahal, Director of Extension, PAU, Ludhiana
Dr. Jatinder Kaur Arora, Executive Director, PSCS&T, Chandigarh
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Dr. D.C. Loshali, Head, FLU Division, PRSC, Ludhiana
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Ms. Amanpreet Kaur Benipal, Scientist, PRSC, Ludhiana
Shri. Amardeep Singh, PRSC, Ludhiana
Dr. Anil Sood, Secretary-ISG-SC, Ludhiana Chapter (Convener)

IMPORTANT DATES TO REMEMBER:

25th Oct, 2021 ABSTRACT SUBMISSION STARTS
28th Nov, 2021 ABSTRACT SUBMISSION ENDS
29th Nov, 2021 ACCEPTANCE OF ABSTRACT
30th Nov, 2021 EARLY BIRD REGISTRATION ENDS
05th Dec, 2021 SUBMISSION OF FULL LENGTH PAPERS
07th Dec, 2021 ONLINE REGISTRATION ENDS

*The last dates for submitting abstracts/Full paper and Early bird registration has been extended as above

Call for Sponsorship:

Sponsors and exhibitors will benefit from the unique online exposure to eminent delegates & decision makers involved in the broad field of Geospatial technologies. For further information and discussions regarding sponsorship & exhibition opportunities, please contact sponsor isgirsnsldh2021@gmail.com

Contact US:

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Symposium website: <http://gis-prsc.punjab.gov.in/geomatics2021>

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National Symposium on

i-GEOMATICS: AN INTEGRATED TECHNOLOGY TO
EMPOWER CITIZENS TOWARDS SELF RELIANT NATION

and
ANNUAL CONVENTIONS

of
INDIAN SOCIETY OF GEOMATICS (ISG)

&
INDIAN SOCIETY OF REMOTE SENSING (ISRS)



IN VIRTUAL MODE
December 15-17, 2021
Ludhiana, Punjab

JOINTLY ORGANIZED BY

Indian Society of Geomatics, Ahmedabad
and
Indian Society of Remote Sensing, Dehradun

Hosted by
Indian Society of Geomatics, Ludhiana Chapter
&
Punjab Remote Sensing Centre, Ludhiana



Symposium website: <http://gis-prsc.punjab.gov.in/geomatics2021>



Background

Indian Society of Geomatics (ISG) and Indian Society of Remote Sensing (ISRS), the two premier professional bodies join together every year to organize a National Symposium on relevant theme. This year's theme is "i-Geomatics an Integrated Technology to Empower Citizens for Self Reliant Nation", which will provide opportunities to address significant scientific findings, which moved the possibilities of humankind to a brand-new level. Use geospatial technology is comparatively inexpensive and simple, while its possibilities are next to unlimited. Applications of geospatial technologies are incorporated in almost any sector, industry, or research where the location is important. Identification of geospatial data enables monitoring, tracing, measuring, assessment, identification, or modeling. The innovation helps to find answers to many questions arising in multiple industries and sectors. At the dawn of its development, the data access and its application scale were limited. Nowadays, geospatial technology importance went far beyond cartographic or military needs. The importance of geospatial technology is equally recognized by common people and giant corporations. It serves to fulfill both strategic and minor tasks like tracking atomic submarines or sharing one's location with a friend. The scope of geospatial data use is vast: the list includes geography proper, ecology, tourism, marine sciences, agriculture, forestry, marketing and advertising, military forces, navy, aircraft, law enforcement, logistics and transportation, astronomy, demography, healthcare, meteorology, and many others. It enhances the performance of artificial intelligence and smart machinery in multiple spheres. Expansion and new application solutions are expected in bio security, education, construction, engineering, ecology, food supplies, precision agriculture, financial market, statistics, transportation, to mention a few.



Major Themes and Sub Themes:

The main theme of the ISG-ISRS National Symposium 2021 is "i-Geomatics an integrated technology to empower citizens for self reliant Nation". Some of the major sub themes are as follows:

- Advancements in Geospatial Technologies - AI, ML, IoT and Sensors.
- Earth Observation System and Big Data Analytics
- Geo Artificial Intelligence – Image to insight
- Geo-enabling UN Sustainable Development Goals (SDG,s)
- NSDI/SSDI Missions – Empowering Citizens
- Geo-smart
 - o Agriculture
 - o Water Resources
 - o Infrastructures
 - o City Planning
- Geo-spatial Applications in NRM
- SDSS towards G- Governance
- Geo-Location Intelligence
- Disaster Management and Climate Resilience
- Role of Geo-spatial Technologies During and Post COVID Period

Call for Paper and 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 will be considered 200 words) in the prescribed format online through the symposium website. The last date for abstract submission is extended to 28th November, 2021. Abstract volume of the symposium shall be brought out in digital form.

Publication in the Special Issue of Journal of Geomatics

The organizing committee facilitates the participants to submit their original research work as a full paper. The selected research papers after peer review process will be published in the special Issue of the Journal of Geomatics. The selection and invitation for full paper submission for Journal of Geomatics will be made based on the evaluation in the symposium.

Best Paper/Poster Awards

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

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Annual Convention with unique Attractions

Apart from paper presentations, a number of other professionally significant events will also be lined up as the Annual Award Ceremony of the Indian Society of Geomatics (ISG) and the Indian Society of Remote Sensing (ISRS), ISG Millennium Lecture, Vikram Sarabhai Memorial Lecture, Lead Talks & Plenary experts, Annual General Body meeting of ISG and ISRS and many more. Besides Technical presentations, other attractions will be virtual tours, online display of exhibits, a virtual cultural show that will make the event memorable

About the Conduct of Programme

The registration of participants and dissemination of the information will be carried out through a dedicated website of ISGISRSNS2021 (<http://gis-prsc.punjab.gov.in/geomatics2021>). There will be virtual sessions and various activities viz. Inaugural Session, Plenary Sessions. Annual General Body Meetings, Invited/Lead Talks, Theme-wise Parallel oral sessions. Theme-wise Poster Sessions etc. Links will be provided to all the registered participants well before the event. The programme will provide a unique opportunity for exhibitors to display their products as well as to carry out networking with dignitaries and delegates.

Online registration

Interested participants may register online at the symposium website (<http://gis-prsc.punjab.gov.in/geomatics2021>) on or before November 30th, 2021 (Early Bird registration). Participants are advised to avail early registration, as the number of online participants will be kept limited. Details regarding the online links for various sessions will be made available on Symposium website (<http://gis-prsc.punjab.gov.in/geomatics2021>) The operating Language of the symposium will be English and Hindi.

Registration Fee*

	Early Bird	After 30th November, 2021
ISG/ISRS Members	Rs. 400	Rs.500
Non-Members	Rs. 500	Rs. 600
Students and Senior Citizen (Members)	Rs. 200	Rs. 300
Students and Senior Citizen (Non-members)	Rs. 250	Rs. 350
Commercial Delegates (Members)	Rs. 800	Rs. 1000
Commercial Delegates (Non-members)	Rs. 1000	Rs. 1200

Payment

Payment details will be available on symposium website, the required information will be provided on the symposium website. The organizing Secretary may also be contacted if required

About ISG

Indian Society of Geomatics (ISG), established in 1993, is a premier society of professional and institutions involved in promoting and popularizing Geomatics in India. It has about 2280 Life members, 25 active chapters, 34 patron Members and 3 Sustaining Members. The Indian Society of Geomatics (ISG) was formed by a group of professionals from government, academia and industries with the 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 for its Newsletters, ISG also has its own scientific journal, "Journal of Geomatics", started in 2007.

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/symposia and by publishing a monthly journal (JISRS), bulletins, proceedings etc. Starting with 56 members, the society has now grown into a premier professional body with membership of over 5500 members. Currently, ISRS is a member of the International Society of Photogrammetry and Remote Sensing (ISPRS)

Venue

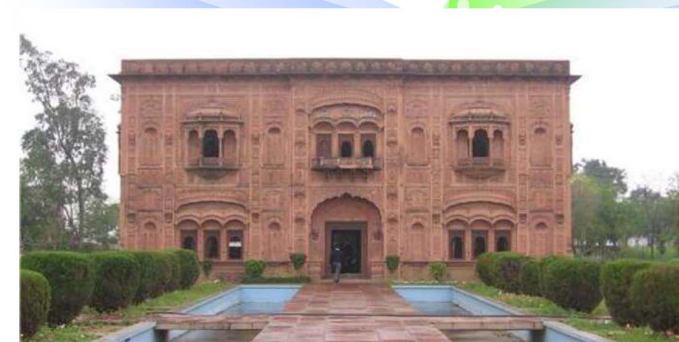
Punjab Remote Sensing Centre, Ludhiana, Pin code: 141004

Web: <http://www.prsc.gov.in/>



About PRSC and Ludhiana

Punjab Remote Sensing Centre (PRSC), an autonomous organization under the Department of Agriculture, Government of Punjab, is the apex body in the State for all Remote Sensing (RS), Geographic Information System (GIS) and Global Positioning System (GPS) related works. It is designated as a Nodal Agency by the Govt. of Punjab for geospatial needs of the State and also acts as the centralized hub for the geo-spatial data to all the user departments. Ludhiana is a centrally located district in Malwa region of Punjab state in India. Its northern periphery is demarcated by river Sutlej, which separates Ludhiana from Jalandhar. This major town of Punjab is quite aptly called as "the Manchester of India" for its production of hosiery products. The town lies on the Amritsar-Delhi Grand Trunk road. It is around 100 km from Chandigarh and 140 km from Amritsar. Ludhiana is Punjab's most populated city.



Museum of Rural Life of Punjab at Punjab Agricultural University

Mirrors the social and cultural life of rural Punjab. Interior as repository of rural household and farm articles giving a picture-postcard view of vanishing art and craft or daily use articles like utensils Contains Plaster of Paris dummies posing to perform different household activities like churning milk, grinding grains, knitting trouser cords, etc

Symposium website: <http://gis-prsc.punjab.gov.in/geomatics2021>

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