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Symposium Website: www.isgns2018.in
e-mail : isgns2018@gmail.com
Telephone: +91 079 26914117; +91 079 26914024 / 6202

Important Dates to Remember:

Last Date for Abstract Submission	August 31, 2018
Intimation of Acceptance of Abstracts	September 30, 2018
Last Date for Tutorial Applications	October 15, 2018
Intimation of Admission into Tutorials	October 25, 2018
Registration for Commercial Presentations	October 31, 2018
Registration for Industrial Exhibition	October 31, 2018
Submission of Full Paper	October 31, 2018
Last Date for Registration to the Symposium	October 31, 2018
Last Date for Registration to the Tutorial	November 15, 2018
Last Date for Guest House/Hostel booking	November 30, 2018
Pre-Symposium Tutorials	December 03-04, 2018
National Symposium	December 05-07, 2018

Call for sponsorship:

Sponsors and exhibitors will benefit from exposure to eminent delegates & decision-makers involved in the broad field of geomatics. Different sponsorship categories (Platinum, Diamond, Gold and Silver) are available for Government and corporate sectors as per their requirements. For further information and discussions regarding sponsorship & exhibition opportunities, please contact: sponsor.isgns2018@gmail.com.

CONTACT:

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First Circular

National Symposium on

ADVANCEMENTS IN GEOSPATIAL TECHNOLOGY FOR SOCIETAL BENEFITS



and

ANNUAL CONVENTIONS

of

Indian Society of Geomatics
(ISG)

&

Indian Society of Remote Sensing (ISRS)

with

Silver Jubilee Celebrations of the Indian Society of Geomatics



December 05 - 07, 2018
Ahmedabad, Gujarat

Organized jointly by

Indian Society of Geomatics, Ahmedabad

and

Indian Society of Remote Sensing, Dehradun

Hosted by

Indian Society of Geomatics, Ahmedabad Chapter (ISG-AC)

(www.isgindia.org)

Indian Society of Remote Sensing, Ahmedabad Chapter (ISRS-AC)

(www.isrs-india.org)

and

Space Applications Centre, ISRO, Ahmedabad



www.isgns2018.in

Background

Over the years, geospatial technology has been making phenomenal impact on its usage in diverse fields related to natural resources management, sustainable development, disaster management, environmental applications and more recently in Good-governance and becoming an integral part of various key programmes of the Government of India. Developments in the space based communication, navigation & earth observation technology both at International as well national level have further accelerated its usage as well as increased the scope of its utilisation in almost all possible applications catering to the human needs, protection of the environment and in exploring the outer space.

A large amount of Earth Observation data along with in-situ (spatial as well non-spatial data) is being generated, necessitating the need for advanced geospatial data processing tools and techniques to be developed. It is essential to develop tools and techniques for big data analytics (data cube, data mining) as the data volume is expected to increase further. Advances in Web GIS tools and techniques are also required for making timely dissemination of the value added products to various users and public at large. The Symposium shall focus on recent advancements made in the satellite payloads, data processing techniques, Web GIS, Mobile App., geospatial technology and applications in various key areas defined under different key programmes of the Government of India.

The Indian Society of Geomatics (ISG) and the Indian Society of Remote Sensing (ISRS), the two premier professional societies dedicated to promotion and dissemination of GIS & RS in India, conduct annual conventions and joint national symposiums in tandem providing excellent opportunities to the scientists, teachers and students for presenting their research findings, updating their knowledge base and interacting with experts and peers. Continuing this rich tradition, a national symposium on "Advancements in Geospatial Technology for Societal Benefits", is being organized by ISG and ISRS in the city of Ahmedabad (Gujarat) during December 05-07, 2018. This mega event is jointly hosted by Space Applications Centre, ISRO, Ahmedabad, ISRS-AC and ISG-AC. Furthermore, ISG is completing 25 years marking the silver Jubilee Year Celebration for the Society and an enthusiastic participation is expected.

Major Themes

The main theme for National Symposium is Advancements in Geospatial Technology for Societal Benefits covering following sub themes:

- Advanced Imaging Technologies (UAV, LiDAR, SAR, Hyperspectral)
- Advancement in sensor technologies, NAVIC and GNSS
- Photogrammetry, 3-D Mapping, LiDAR, Virtual GIS
- Big data Analytics, Data Mining, Cloud and Internet of things
- Web & Location based Services (Tele-Geomatics, Mobile GIS)
- Spatial Data Infrastructure and Decision Support Systems
- Physical Infrastructure Dev. and Planning (Smart Cities)
- Sustainable Land Management and Infrastructure Dev.
- Agriculture/Horticulture/Water Resources Management
- Forestry, Environment & Ecosystem Management
- Early signals of Climate Change and Mitigation Measures
- Disaster Management, Weather Forecasting
- Geospatial Technology for Renewable Energy Resources
- Geoscience Applications
- Planetary Exploration

- Health GIS, Skill Development and Livelihood
- Large scale mapping and e-governance
- Archaeological Exploration and Heritage sites management
- Coastal and Marine Applications
- Cryosphere Science and Applications
- Recent trends and advances in Geoinformatics

Venue

Space Applications Centre, ISRO
Satellite Road, Jodhpur Tekra, Ahmedabad,
Gujarat, India, 380015, Web: www.sac.gov.in

Call for Paper & Abstract Submission

The original unpublished research papers, from India and abroad, covering one or more sub-themes are invited for presentation. Authors may submit abstracts within 300 words in the prescribed format online through the symposium website www.isgns2018.in. The last date for abstract submission is August 31, 2018. Manuscript of the full length papers as per the prescribed format of the Journal of Geomatics (www.isgindia.org) will be included in the softcopy proceedings. The last date for submission of full length paper is October 31, 2018. Abstract Volume and Proceedings of the Symposium shall be brought out in digital form and selected papers will be considered for publication in a special issue of Journal of Geomatics after the peer-review process.

Best Paper/Poster Awards

The best paper awards in student category as well as in general category will be given to the selected papers presented in Oral / Poster categories.

Special Awards, Lectures and Tutorials

Apart from paper presentations, a number of professionally significant events are lined up for the national Symposium including two popular lectures on the symposium theme, Millennium Lecture of ISG and Vikram Sarabhai Memorial Lecture of ISRS. Conferring of awards and address by awardees, selected lead talks on major themes, plenary presentation by invited experts, are also scheduled. Besides technical presentations, Annual General Body meetings of both societies, ISG & ISRS, Pre-symposium tutorials and several interesting programs such as silver jubilee function of ISG and cultural program will make the national symposium an enriching and memorable experience to all the participants.

Pre-Symposium Tutorials:

There will be five pre-symposium tutorials during December 03-04, 2018 training young professionals and students on the following themes:

Theme 1: Applications of IRNSS & GPS in Navigation & Mapping,
Coordinator: Dr. Ashish Shukla, SAC, ISRO, Ahmedabad

Theme 2: Planetary science and data processing,
Coordinator: Dr. A. S. Arya, SAC, ISRO, Ahmedabad

Theme 3: SAR data Processing and Applications,
Coordinator: Dr. Arundhati Misra, SAC, ISRO, Ahmedabad

Theme 4: Big Data Analytics and Machine Learning,
Coordinator: Shri Shashikant Sharma, SAC, ISRO, Ahmedabad

Theme 5: Sustainable Smart Cities: Geospatial Solutions,
Coordinator: Prof. Anjana Vyas, CEPT University, Ahmedabad

Interested participants may submit their applications along with curriculum-vitae online at the symposium website (www.isgns2018.in) OR through email request at isgns2018@gmail.com on or before November 15, 2018. The admission in tutorials is based on merit and first-cum-first serve basis, as only 30 candidates can be taken into each tutorial. Hence, participants are advised for early registration. Details regarding the venue will be available on www.isgns2018.in. It is to be noted that operating language of the conference and tutorials shall be English.

Registration fee

	Early bird	After Oct.31, 2018
ISG/ISRS members	Rs. 3000	Rs. 3500
Non-members	Rs. 4000	Rs. 4500
Foreign participants	US \$150	US \$200
Students & Sr. Citizens (Members)	Rs 1500	Rs 2000
Students & Sr. Citizens (Non-Members)	Rs 2000	Rs 2500
Accompanying persons	Rs 1000	Rs 1500
Pre-symposium Tutorials	Rs 2000	Rs 2500

Participants interested to register for both, pre-symposium tutorial and symposium are entitled for Rs. 500/- discount on the gross registration fees, if paid for both events together. Bonafide students making oral/poster presentation in the Symposium will be considered for free life membership of the ISG. Interested students may download the membership form (at www.isgindia.org) and submit the duly filled form at registration desk with certified copy of their educational qualification certificate. Registration fees cover symposium kit (souvenir/ proceedings) and working lunches. Accommodation shall be arranged in Hotels and available Guest houses on payment basis. Follow website (www.isgns2018.in) for more details.

Payment

All payments towards the registration fee / exhibition charges / company presentation shall be remitted through online bank transfer or demand draft in favour of ISG National Symposium 2018 payable at Ahmedabad, along with the duly filled registration form. The registration fees may be remitted online through direct bank transfer to Current Account number: **37672617550** of State Bank of India, ISRO Branch, Jodhpur Tekra, Ahmedabad (IFSC: SBIN0003967; MICR: 380002020). Please send a copy of the bank receipt by email to isgns2018@gmail.com along with full details of remitter to the Organizing Secretary. In absence of online remittance option, registration fees may also be sent by Registered Post/ Speed Post (no courier) through bank draft drawn in favour of ISG National Symposium 2018 payable at Ahmedabad.

Post-Symposium Tour (Ahmedabad):

A post-symposium one-day excursion tour to Ahmedabad is planned to be organized if sufficient number of interested delegates register for the tour. Visit to a number of places such as Adalaj Stepwell, Akshardham, Sabarmati Ashram, Sabarmati river front etc. is tentatively planned. Details will be made available on the Symposium website.

About Ahmedabad : Colloquially referred to as the Manchester of the East, Ahmedabad holds a great commercial and cultural importance. It has been declared as the World Heritage City by UNESCO in 2017. The city is also a hub of Information Technology, education and industries. Founded in 1411 AD, it has grown into one of the most important modern cities of India for archaeologists, architects, anthropologists, historians, traders, sociologists and tourists. The weather condition of Ahmedabad in December is pleasant .