



**Golden Jubilee Celebration  
and  
Regional Conference on  
Space Technology for Sustainable  
Development**

**21-22 March, 2017**



**Organised By**

**Indian Society of Geomatics**



**Hosted Jointly  
By**

**Haryana Space Applications Centre (HARSAC)  
Deptt. of Science and Technology, Haryana  
Hisar**

**And  
Indian Society of Geomatics- Hisar Chapter**

**Venue**

**Haryana Space Applications Centre (HARSAC)  
CCS HAU Campus, Hisar**

**Organizing Committee**

**Patrons**

Sh. A.S.Kiran Kumar,  
Chairman, ISRO & Secretary, DOS, GOI,  
President ISG

Dr.Ashok Khemka,  
Principal Secretary, DST-cum- Chairman,  
HARSAC

Sh.Rajiv Rattan, Director, DST-cum-  
HARSAC

**Convener**

Dr.R.S.Hooda, Chief Scientist, HARSAC

**Organizing Secretary**

Dr.Anup Kumar, Senior Scientist, HARSAC

**Members**

Dr. P.K. Verma, Vice-President, ISG

Dr. A.S. Rajawat, Vice-President, ISG

Shri N.S.Mehta, Secretary, ISG

**Local Organising Committee**

Dr.Ashok Beniwal, EC Member ISG-HC

Dr. Manoj Kumar, EC Member ISG-HC

Dr.Anil Kumar, EC Member ISG-HC

Dr. Arabinda Sharma, Principal,  
BRCMCET, Bahal

Dr.Manoj Yadav, Senior Scientist,  
HARSAC

Sh.M.P. Sharma, Senior Scientist,  
HARSAC

Sh.Ravindra Prawasi,  
Assistant Scientist, HARSAC

Sh.Om Pal, SSA, HARSAC

Ms.Nidhi Kundu, SSA, HARSAC

Ms.Priti Attri, SSA, HARSAC

Ms. Seema, EC Member ISG-HC

## 1. Introduction

Fast pace of development triggered by science and technology innovations also brings about over exploitation of natural resources. The need of the hour is to carry out developmental activities without harming natural processes and resources, called sustainable development. Space technology may play a vital role in sustainable development through mapping, monitoring and management of natural resources. The availability of high resolution satellite data, Geographical Information System (GIS), GPS and information dissemination methods can play a vital role in developmental planning.

Haryana State is celebrating Golden Jubilee of its creation in the current year. Haryana has emerged as one of the fastest developing state using latest techniques in the developmental planning and natural resources management. Therefore, it is most appropriate to organise this conference in the state of Haryana.

## 2. Indian Society of Geomatics

Indian Society of Geomatics (ISG), Ahmedabad founded in 1993, is a premier society of professionals and institutions involved in promoting and popularising Geomatics in India. It has 24 Regional Chapters and around 1900 Life Members. ISG brings out a bi-annual journal named Journal of Geomatics and Quarterly Newsletters covering all aspects of geomatics. ISG organises Annual Conventions and National Symposia regularly and confers a number of awards to researchers and professionals for their original and significant contributions. More details are available on ISG website ([www.isgindia.org](http://www.isgindia.org)).

## 3. Objectives

- i. To sensitise the researchers, academicians and planners about the role of space technology for sustainable development.
- ii. To provide interaction of academicians and planners for developing the applications of space technology in the developmental planning.

## 4. About Hisar

Hisar city is located about 170 km west of Delhi on NH10. The historical city was founded as *Hissar-e-Firoza* by Firoz Shah Tughlak. The word Hisar is derived from a Turkish word meaning "Fortress". The geo-coordinates of the city are 29°05'05" N latitude and 75°45'55" E longitude. In the end of February, the weather is generally pleasant with minimum and maximum temperature ranging from 15°C to 30°C. Hisar with a population of about 3.5 Lacs is about 4 Hours journey by road / rail from Delhi.

## 5. Major Themes of the Conference

- Natural Resources Management
- Environment, Ecology and Bio-diversity Conservation
- Geology, Geomorphology and Water Resources
- Land use/cover and Soils
- Urban and Infrastructure Development
- Rural Development
- Decision Support System
- Disaster management
- Geo-archaeology
- Sustainable development
- Climate Change
- Sensor Technology
- Space Technology for Sustainable Development

## 6. Paper Submission

Abstract in 300 words with five key words in Times New Roman, 11 font may be submitted on line up to 28 February, 2017.

After acceptance of the abstract, full length paper limited to eight pages may be submitted up to 10 March 2017. The format for full length paper will be as per Journal of Indian Society of Geomatics, (ISG) Ahmedabad including Introduction, Study Area, Materials and Methodology, Results and Discussion, Conclusions and References. All papers will be published in ISSN number special volume of reputed journal or in ISBN proceedings.

## 7. Awards for Paper Presentation

Best oral and best poster paper presentation awards will be given in three categories i.e. student, young scientist (below 35 years age) and general delegates.

## 8. Tutorials

Pre-conference one day tutorials will be organised on 20 March, 2017 on the following themes:

- i. Space Technology for Groundwater Exploration
- ii. Geoinformatics for Modernisation of Land Records
- iii. Geoinformatics for Agricultural Applications

Each tutorial has 20 seats. The tutorials will be organised at HARSAC. Participants will be provided working lunch and tea during the tutorial. Certificate will be awarded to the participants. If the number of applicants is less than 10 in any of the tutorial, it may be cancelled.

## 9. Post-conference Tour

Post-conference one day field excursion will be organised on 23.03.2017. Excursion will cover Rakhi Garhi archaeological site. The registration fee for post-conference tour is Rs. 500/- per delegate. The fee includes working lunch, tea and fare. Post-conference tour will be conducted subject to sufficient number of delegates.

## 10. Accommodation

Accommodation will be arranged on prior request and advance payment. The tentative tariff of rooms in the hotels is Semi-Deluxe-Rs.1200/-; Deluxe A.C.-Rs. 1800/- and Super Deluxe A.C.-Rs. 2500/- per person depending on availability of accommodation.

## 11. Exhibition

Exhibition will be arranged in the conference. The cost for 3x3 sq. m. area of the stall is Rs. 20,000/-. The exhibitor will be given two free registrations in the conference.

## 12. Registration Fee

Type of Registration	Up to 10 March, 2017	After 10 March, 2017
Delegate	2000/-	2500/-
ISG Life-member	1500/-	2000/-
Student/Research Scholar	1000/-	1200/-
Industry Delegate	2500/-	4000/-
Accompanying Person	1500/-	2000/-
Pre-conference Tutorial	1000/-	1200/-

The registration and tutorial, fee may be paid through NEFT/RTGS as details given on registration form. Conference as well as the pre-conference tutorial fee may be paid jointly through NEFT/RTGS.



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Registration Form**

1. Name:.....
2. Designation:.....
3. Office address:.....  
.....  
.....
4. E-mail.....:
5. Mobile No.....
5. Title of the paper (Please upload the abstract as specified in the conference brochure online).....  
.....  
.....
6. Pre-conference tutorial on 20.03.2017: Yes/No  
(If yes, please tick the tutorial and pay tutorial fee)
  - Space Technology for Groundwater Exploration
  - Geoinformatics for Modernisation of Land Records
  - Geoinformatics for Agricultural Applications
7. Post-conference Tour: Yes/No  
(If yes, please pay fee in advance)
8. Accommodation required: Yes/No  
(If yes, please pay in advance)
9. Fee details: Bank:.....  
Amount:.....  
NEFT/RTGS Details:.....  
Date:.....

Signature

**Note:**

1. Fee may be sent through NEFT/RTGS as per the details below:  
Name of Bank: Union Bank of India  
Branch: CR Memorial Jat College, Hisar  
IFSC Code: UBIN0552186  
Name of Account: ISG Hisar Chapter, Hisar  
Account No.: 521802010104819
2. Students/Research Scholar should submit a valid proof from Principal/HOD/Supervisor /valid student ID through e-mail (isghisarchapter@gmail.com).

**Contact details:**

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**Organising Secretary :** Dr. Anup Kumar  
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