

NATIONAL CONFERENCE  
on  
**HIGH RESOLUTION REMOTE SENSING  
&  
THEMATIC APPLICATIONS**

*First Circular*

**18 - 20 December 2007**

× *Venue*

Eastern Zonal Cultural Centre  
Salt Lake, Kolkata



*Organised by*  
**Indian Society of Remote Sensing, Dehra Dun**

*Hosted by*  
**National Atlas & Thematic Mapping Organisation**

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## INTRODUCTION

Indian Society of Remote Sensing (ISRS) was established in 1969 as “Indian Society of Photo-interpretation with the main objective advancement and dissemination of remote sensing technology and education by conjunctive use of remote sensing with conventional methods in the fields of survey, planning and management of natural resources and environment by organizing seminars/symposia and by publishing journal, bulletins, proceedings, etc. From its modest beginning with 56 members, the Society has grown into a premier professional body with a membership of over 3000, including both individual and institutional members. The Journal of the Society, JISRS, a quarterly publication, is the only journal in the country exclusively dealing with remote sensing technology and applications. The Society has been organizing annual conventions and national symposia regularly since 1981, giving opportunities to the remote sensing community the country to present their papers and discuss the problems and methods of applications of remote sensing in development and management of resources and environment.

Achieving tremendous advancement during recent past remote sensing technology has gone far ahead in the field of capturing real-time data, its processing and analysis. Now high resolution data is available on our computer screens depicting even 3D views along with point to point graticule values. The advancement in the availability of multi-sensor, multi-spectral, and multi-resolution data and the development of pattern recognition image processing techniques for extraction of thematic information have provided unique spatial information about natural resources and the environment.

In the field of thematic applications, each and every day is witnessing many changing spatial and temporal phenomenon. To accelerate the potential of high resolution remote sensing data in the field of thematic applications, NATMO has already taken a leading role by launching Golden Map Service of Kolkata city where even by lanes of the Kolkata city are mapped on large scale and put on the web.

To give new dimensions to applications using fast receiving high resolution remote sensing data, this conference on high resolution remote sensing and thematic applications is being organized.

## THEME

The focal theme of the conference is ***High Resolution Remote Sensing and Thematic Applications.***

Sub-themes are as follows:-

1. Latest trends in High Resolution Remote Sensing
2. New sensors and their potential applications
3. Application of High Resolution Remote Sensing data:
  - a) land use and land cover. b) forestry and ecological design c) coastal zone management. d). water resources. e) geology and soil. f) snow and glaciers. g) agriculture and crops h) disasters and climatic change. i) oceanography. j) urban sprawl. k) infrastructure
4. Processing of High Resolution Remote Sensing data
5. National Spatial Data Infrastructure & Web Technology
6. Remote Sensing and GIS integration for resource management
7. New challenges in Thematic Cartography
8. Planetary Remote Sensing/Extra Terrestrial Mapping

## CALL FOR PAPERS AND ABSTRACT

The sub-themes of the conference will be discussed through selected invited papers and contributed papers. Abstracts within one thousand words and Technical papers within six pages are invited on the theme of the conference under any of the aforesaid sub-themes. In addition to the oral presentations, poster presentations will also be included during the conference. Accepted papers will be allowed for either oral or poster presentations.

All the papers submitted for presentation will be selected/reviewed by the Technical Committee consisting of the following persons:

Dr. Shailesh Nayak, INCOIS  
Dr. R. Nagaraja, NRSA  
Dr. Y. V. N. Krishnamurthy, RRSSC, Nagpur  
Dr. V. Bhanumurthy, NRSA  
Dr.A. Jairam, RRSSC, Kharagpur  
Dr.R. K. Dhabai, NATMO

### IMPORTANT DATES

Activity	Important Dates
Abstract Submission	October 15, 2007
Full paper submission	November 12, 2007
Conference	December 18-20, 2007

### REGISTRATION FEE

Category	Before 30 <sup>th</sup> Sept 2007	After 30 <sup>th</sup> Sept 2007
Members	Rs. 2000	Rs. 2500
Non members	Rs. 3000	Rs. 3500
Students (below 30 yrs) & Sr. citizens	Rs. 1500	Rs. 2000

Registration form for the conference is enclosed.

Student delegates will have to provide authorization from their college or department of respective universities. Accompanying persons will be entitled only for general hospitality.

### PANEL DISCUSSION

It is proposed to hold a panel discussion with participation of eminent persons related to the theme of the conference.

### GUIDELINES TO AUTHORS

The authors are requested to send the abstract of their paper along with Registration Form October 15, 2007 and their full paper by November 12 2007 conforming to the following guidelines:

Abstracts and full papers should be on A4 size preferably using MS-Word and send by e-mail only. Font: Times New Roman; Size: 12, single line spacing. A clear margin of 2 cm on top, 2.5 cm at bottom and 1.5 cm on right and left sides on each page should be kept. Soft copy of full text of the articles as a MS-Word document file should also be provided on CD-ROM. The illustrations and photographs must be prepared with good contrast and duly mounted in proper places. Authors are advised to provide their full affiliation and contact address including telephone, fax, and e-mail on both abstract and full paper. Length of the full paper should not exceed beyond 6 (six) pages. Copyright of the papers accepted for presentation and/or publication will rest with ISRS and the consent to this effect is assumed.

## **ORAL PRESENTATION OF PAPERS**

Accepted papers for oral presentation will be allotted about 15 minutes time for both presentation and discussion. Facilities will be provided for presentation using MS-Power Point as well as OHP transparencies.

## **POSTER PRESENTATION**

The posters must be bold and visually attractive. A display space of size 90cm x 60cm will be provided for each poster. Lettering must be bold (20 points or more) and readable from a distance of one meter. Script must be selective in salient print, highlighting the objective, methodology, analysis and findings. The author's names, affiliation and contact details should be added at the bottom of the paper. Posters will be organized in broad sections as per the sub-themes.

## **CONTACT ADDRESS**

The abstract and full text of the papers should be submitted to

**Dr. B.P SINGH, Deputy Director,**

Organizing Secretary,

**National Conference on High Resolution Remote Sensing & Thematic Applications**

National Atlas & Thematic Mapping Organisation

Government of India,

CGO Complex (7<sup>th</sup> floor)

DF Block, Salt Lake, Kolkata - 700 064.

Tel: (033) 2334 6341, 2334 6331, 2334 5006

Fax: (033) 2334 6460

Email: bp\_singh31@rediffmail.com, natmo@vsnl.net

**Correspondence will be preferred via e-mail only**

## **EXHIBITION**

An exhibition of remote sensing products and softwares, maps, charts, globes, models, cartographic, reprographic, surveying, computer and related equipment will be organized at the venue during the conference. Space required by the intending exhibitors should be specified separately through a letter before December 11,2007. The exhibition space is limited and hence, shall be allotted on first come first serve basis. The Organising Secretary of the conference may be approached regarding the details of space, tariff etc.

## **SOUVENIR-CUM-ABSTRACTS**

A souvenir-cum-abstract volume will be brought out and released during the inaugural function of the conference. Intending advertisers may please contact the Organising Secretary of the conference for details on advertisement tariff.

## **RECEPTION**

Reception counters will be set up at NATMO campus at the following address:

**National Atlas & Thematic Mapping Organisation**

**35 GN Block (Near SDF Building)**

**Sector V, Salt Lake, Kolkata - 700 091**

**Phone No. 2357- 8401, 4949, 9936**

## **ACCOMMODATION**

Accommodation will be arranged in government/private guest houses/hotels as per the request received from the delegates. They are to make it clear in their request the range of tariff for the accommodation

stating their choice, i.e. guesthouse or hotels, etc. Accommodation charges are to be borne by the delegates themselves and have to be sent along with Registration Form.

### **EXCURSION**

It is planned to organize an excursion on December 21, 2007 for delegates who are interested in sight seeing. The charges of sightseeing will have to be borne by the delegates.

### **WEATHER**

Kolkata weather during the month of December will generally be pleasant. Normal clothes and light woolen clothes are suggested.

### **HOST**

The National Atlas & Thematic Mapping Organisation, premier thematic mapping organisation has completed its 50 years of its existence. It has grown in size, activities, popularity and prestige since its inception, through its publications and activities. During last fifty years NATMO has established itself in the field of atlas and thematic mapping. Facilities have now been developed in NATMO towards building up a National Spatial Data infrastructure. This organisation has also developed the systematic training programme being provided to NATMO staff as well as to the central, state agencies and other institutions/universities.

### **ABOUT KOLKATA**

Kolkata started its span of dated history on about 1690 when Job Charnock, an agent of the English East India Company, landed at Sutanuti to explore trade opportunities. It was named Calcutta by the English perhaps deriving from the Bengali name KALIKATA. Recently, Calcutta has been renamed as KOLKATA. It is one of the great metropolises of the world and is the second largest city of India. Kolkata is the city of joy with people of all religions, communities, rich and poor, haves and have-nots. Its rich cultural heritage symbolizes creativity and vibrancy and attracts people from all over the world. Kolkata is also a centre of learning and scholastic activities. Kolkata is connected by road and rail to almost all cities and important places in the country. While domestic airlines connect Kolkata with all the important centres, the city is enroute by important international airlines as well. The Shipping Corporation of India operates navigation service between Kolkata and Port Blair. Steamer service is also available between Kolkata and Haldia. Circular and Metro rails and tramways of Kolkata have special attraction.

### **Address for Correspondence:**

**Dr. B. P. SINGH, Deputy Director,**

Organizing Secretary,

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& Thematic Applications**

National Atlas & Thematic Mapping Organisation

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CGO Complex (7<sup>th</sup> floor)

DF - Block, Salt Lake, Kolkata - 700 064.

Tel: (033) 2334 6341, 2334 6331, 2334 5006

Fax: (033) 2334 6460

Email: bp\_singh31@rediffmail.com, natmo@vsnl.net

**VENUE**  
**EASTERN ZONAL CULTURAL CENTRE**  
**IB – 201, Salt Lake City**  
**KOLKATA – 700 106**  
[www.ezccindia.org](http://www.ezccindia.org)



For detail map of Salt Lake & Kolkata visit [www.natmomap.in](http://www.natmomap.in)

**REGISTRATION FORM**  
**NATIONAL CONFERENCE ON HIGH RESOLUTION REMOTE**  
**SENSING AND THEMATIC APPLICATIONS**  
**DECEMBER 18<sup>TH</sup> TO 20<sup>TH</sup> - 2007**

1. Name: Mr. /Ms. /Dr. /Prof:.....

Designation: ..... ISRS Membership No:.....

Male/Female: .....

Organisation: .....

Mailing address: .....

City/ Town: ..... Pin /Zip: .....

State: ..... Country: ..... Phone: .....

Fax ..... E- mail: .....

2. Accompanied by: (Spouse /Children):

3. a) Accommodation required for ..... person(s) b) choice of accommodation - Hotel / Guest house (single/ double)

c) Approximate range @ Rs. .... per day

Payment: Bank draft No: ..... dated: .....

For Rs..... on ..... Bank enclosed for Registration Fee for self, Rs..... Accompanying person Rs..... and Accommodation Rs.....

4. Presenting paper in the conference: Yes /No. If yes, sub-theme:

Date .....

Signature .....

Note: Payment should be in the form of Bank demand draft drawn in favour of ISRS CONFERENCE 2007 payable at Kolkata

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**FOR OFFICE USE ONLY**

Regd. No:

Received Draft No..... dated: ..... for Rs..... drawn on ..... Bank

Treasurer

Organizing Secretary