



# PATRONS

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*Department of Science & Technology*

*Govt.of India*

**Dr. Prithvish Nag**

*Director*

*National Atlas & Thematic Mapping*

*Organisation, Govt.of India*

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Chief Scientist, DST, W.B.

**Smt. Anuradha Mookerjee**

Director, EZCC, Kolkata.

The Annual INCA Congresses are organized to discuss different aspects of Cartography, Mapping and GIS. The 29<sup>th</sup> Annual INCA International Congress will discuss the past, present and future technologies for the mapping of regions and urban areas. The themes and sub-themes will enable the participants to discuss the specific technological solutions available or would be available in the near future for urban and regional mapping. The researchers, government and non-government officials/institutions will deliberate upon the focal theme and sub-themes.

## **THE ORGANISER**

The XXIX INCA INTERNATIONAL CONGRESS is being organized by Indian National Cartographic Association (INCA) through a National Organising Committee consisting of experts from different agencies and Local Organising Committee consisting of representatives from government and private agencies located in Kolkata.

The Indian National Cartographic Association (INCA) founded on 7th August, 1979 at Hyderabad, has evolved into one of the biggest organisations of its kind in the world. From a modest beginning with 79 members on its role initially, today it is a professional body of more than 2100 Fellow and Life Members, 72 Institutional Life Members and 109 student members. It has Branches functioning at Ahmedabad, Bangalore, Bhubaneswar, Mumbai, Kolkata, Chandigarh, Dehra Dun, Delhi, Hyderabad, Indore, Jodhpur, Chennai, Thiruvananthapuram and Shillong, INCA has so far organized 28 National and International congresses, the last being at Ahmedabad in 2008. INCA is devoted to the cause of cartography as a graphic mode of communication. It has in its fold many eminent scholars, professionals and industrialists as Honorary Fellows, Fellows, Life Members, Members, Associate Members and Student Members. The majority of its members are practicing Cartographers from Organisations like Survey of India, Geological Survey of India, National Hydrographic Office, National Remote Sensing Agency, Space Application Centre, National Atlas & Thematic Mapping Organisation, State Remote Sensing Agencies, Universities, Private Industries and other Scientific and Research Organisations spread all over India

## **THE HOST**

The host for the XXIX INCA INTERNATIONAL CONGRESS is National Atlas & Thematic Mapping Organisation (NATMO). National Atlas & Thematic Mapping Organisation is premier cartographic organization of the country engaged in the preparation of atlases and thematic maps. The origin of the National Atlas Organisation dates back to the year 1956. Professor S.P. Chatterjee, the doyen of Indian Geography, was the founder-Director of this Organisation. It grew in strength in the successive plan periods to take up projects of national importance. It was renamed as the National Atlas and Thematic Mapping Organisation or NATMO in short in 1978 to give this organization a broad based responsibility in the field of thematic cartography and geographical research. This organization celebrated its Golden Jubilee in 2006 with several valuable publication in the form of Atlas, maps and monographs. It is under the administrative control of the Department of Science & Technology of the Government of India. The main office or the headquarters is in the CGO complex, Salt Lake (Bidhan Nagar), Kolkata. This is the fourth time that NATMO is hosting the INCA International Congress.

## **FOCAL THEME & SUB THEME**

The chosen focal theme for the XXIX INCA INTERNATIONAL CONGRESS is **TECHNOLOGICAL SOLUTIONS IN URBAN AND REGIONAL MAPPING.**

*The deliberations of the congress would be divided into the following sub-themes*

- *Cyber and Telecartography*
- *Cartographic project management*
- *Challenging themes and complimentary technologies.*
- *City A to Z Atlases*
- *3D Mapping*

- *Mapping for Urban Disaster Mitigation*
- *Municipal GIS*
- *Utility Mapping and Location based services.*
- *Cartographic Teaching Retrospect and Prospect.*

## **VENUE**

The XXIX INCA INTERNATIONAL CONGRESS is being organized at Eastern Zonal Cultural Centre Complex, Salt Lake, Kolkata, India from November 25-27, 2009.

Fascinating, Bewitching, Bewildering. That's Kolkata (Calcutta), the capital of West Bengal and India's largest city, a seething mass of activity with a cosmopolitan atmosphere. Kolkata has become a busy & flourishing city, the center of cultural as well as political and economic life of Bengal. Once referred to as "The Jewel In The Crown Of The British Raj". No other city in India enjoys such visible contra's, as does the city of joy of Lapierre. The quaint little fishing village has grown up to become the most populated city of India bearing the scars of more than three hundred years. It is truly an enigma that defies any description.. It is an epitome of culture and creativity that nurtures and rejuvenates your thinking prowess. It's THE place to make friends with, to taste rosogolla, to sing a song, to write a poem, to ride a bus, to walk in the rain, to shop, to play cricket, to watch football, to get refused by a taxi, to watch 'natok', to enjoy 'adda' and to debate. This is one of the world's largest cities, a port and business center of international consequence. This is the fourth time that INCA congress is being held at Kolkata and organized by National Atlas & Thematic Mapping Organisation.

## **CALL FOR PAPER**

The theme of the congress will be discussed through invited papers and contributed papers under different subthemes in two parallel sessions. Technical papers are invited on the heme of the congress under different sub-themes for oral or poster presentation. Extended abstracts of papers in about 750 words be typed neatly on A 4 size paper preferably using MS-word should be sent email before August 31, 2009. The abstract should clearly state the purpose, methodology findings. Acceptance of abstracts will be communicated through email before Sept 30, 2009. Authors are advised to provide their full affiliation and contact address including telephone numbers, fax and E-mail on both abstracts and full articles. All abstracts should be marked with a footnote indicating the sub-theme under which the paper is proposed to be presented. Full paper not more than 12 pages should along with CD should be submitted not later than **October 23, 2009**. The copyright of the papers rests with INCA and the consent of the author to this effect is assumed. MS-Power Point facility will be provided during presentation. There would be both oral as well as poster sessions.

## **AWARD FOR YOUNG RESEARCHERS**

Awards are planned for best papers received in this category. To be eligible for this grant, the paper should be either written solely by the young researcher or he/she being the first author who is (a) post graduate or (b) research student or (c) is in the teaching profession or (d) in a research organization and is less than 35 years of age. First author should necessarily present his/her paper at the congress and also produce bonafide certificate signed by the competent authority from their institutions to the congress secretariat for availing the award.

## **TODAR MAL MEMORIAL LECTURE**

In view of Raja Todar Mal's contribution to the cause of land revenue and land survey and the sound base, which he laid for cadastral surveys, Indian National Cartographic Association organises Todar Mal Memorial lecture series in his memory. The first lecture in the series was delivered in the year 1994 and has continued every year.

## PROF. S. P. CHATTERJEE MEMORIAL LECTURE

Prof. S. P. Chatterjee, the Founder Director of NATMO was the doyen of cartography in India. Being himself a Geologist was instrumental in establishing the Department of Geography in Calcutta University. To commemorate his systematic scientific contribution in the field of Geography and cartography. S. P. Chatterjee Memorial lecture has been introduced from XXIVth INCA International conference and is organized every year. This year it will be 6<sup>th</sup> such memorial lecture.

## REGISTRATION

The participants are requested to register in advance by sending the Registration form along with fees by **September 30, 2009**. Fee is to be paid by Bank Draft to be drawn in favour of **XXIX INCA INTERNATIONAL CONGRESS** payable at **Kolkata**.

### The Registration Fee

	Upto September 30, 2009		After September, 30 2009	
	INDIAN DELEGATES	FOREIGN DELEGATES	INDIAN DELEGATES	FOREIGN DELEGATES
Life Members	Rs. 2000	US\$ 125	Rs. 3000	US \$ 175
Others (Regular delegate)	Rs. 2500	US \$ 125	Rs. 3500	US \$ 175
Accompanying Person	Rs. 1500	US \$ 100	Rs. 1500	US \$ 125
Student Delegate	Rs. 1500	US \$ 100	Rs. 2500	US \$ 100
Life Members above 70yrs.	Rs. 1500	US \$ 100	Rs. 1500	US \$ 100

Student delegates will have to produce authorization from the concerned Departments of the University/College stating that they are not employed. There will be no spot registration for students.

## ACCOMMODATION & TRANSPORT

Kolkata, being the capital of the State of West Bengal has a large number of 3/5 Start Hotels. ITC Sonar Bangla, Sojourn, Hyatt Regency, Stadel etc. hotels are located close to the venue. Besides Oberoi Grand, Park, Hindustan International, Taj Bengal, The Peerless Inn, The Kenilworth etc. five star hotels are located in the city but at a considerable distance from the venue. However, the organizers will try to arrange double bed accommodation in Hotels in the range of Rs.5000/- - Rs.7000/- per day. Accommodation in guesthouse will be arranged for students and other who approach early with advance full amount (@ 350/- - 500/- per day/ head). The availability of Guest House accommodation is limited and would be arranged on first come first serve basis. In all cases (except INCA Quiz award winning students & teachers) full amount advance is required to be paid, failing which it will not be possible to book hotel/ guest house accommodation. Delegates can also directly get their accommodation booked.

Request for accommodation should reach latest by November 12, 2009. Transport from the scheduled place of lodging to the venue of the congress will be provided to the outstation delegates whose accommodation is arranged by the organizers.

For the convenience of the delegates of XXIX INCA INTERNATIONAL CONGRESS, special arrangements will be made at the Netaji Subas Chandra Bose International Airport, Howrah and Sealdah railway stations on November 24, 2009 and November 25, 2009 (morning) to receive and take them to the respective places of stay provided prior information about date, time and place of arrival is intimated.

## EXHIBITION

An exhibition of maps, charts, globes, models and cartographic, reprographic, surveying, remote sensing, computer and related equipment will be organised during the congress at the Exhibition site at Eastern

Zonal Cultural Centre to encourage interested companies to display/demonstrate their products and services which would be useful to the Cartography community. The exhibition will be open to the congress delegates as well as general public visiting Eastern Zonal Cultural Centre. The stalls would be allotted on first cum first serve basis. Stalls of size 8' X 8' and 12' X 8' will be available. The charges for all days of the congress (November 25 – 27)) would be Rs. 50,000/- for 8' X 8' stalls and Rs. 75,000/- for 12' X 8' stalls. As there is limited space, the vendors are requested to book early to avoid disappointment. The stalls would be available to the vendors from the evening of November 24, 2009. The booking form duly filled in along with the requisite payment in the form of a Demand Draft drawn in favour of **XXIX INCA INTERNATIONAL CONGRESS** payable at **KOLKATA** should be sent to the Organising Secretary at the address given overleaf so as to reach him before **October 7, 2009**. The booking request for exhibition stalls will not be confirmed without accompanied payment.

### **SOUVENIR CUM ABSTRACTS**

To commemorate the occasion of the XXIX INCA INTERNATIONAL CONGRESS a souvenir will be brought out and released at the inaugural function. It will contain some colour and black & white pages to cater for advertisements. The size of the Souvenir cum-abstract volume will be approximately 21cm X 27 cm.

The rates are as follows:

i)	Back Cover (Colour)	Rs. 40,000/-
ii)	Front/Back inside cover (Colour)	Rs. 30,000/-
iii)	Facing Front/Back inside cover (Colour)	Rs. 25,000/-
iv)	Full Page (Colour)	Rs. 20,000/-
v)	Full Page (Black & White)	Rs. 15,000/-
vi)	Half Page (Black & White)	Rs. 10,000/-
vii)	Quarter Page (Black & White)	Rs. 7,000/-

Intending organisations/institutions may send their requests for booking advertisement space in the souvenir along with advertisement materials and requisite

Payment in the form of a demand draft drawn in favour of **XXIX INCA INTERNATIONAL CONGRESS** payable at **KOLKATA** by **October 7, 2009** to the Organising Secretary at the address given below.

### **VENDORS' SESSIONS**

One session would be arranged for presentation by vendors. Only those vendors who sponsor a major event or set up stalls of size 12'X8' will be allowed to make presentation. This would expose the delegates to the state-of-the-art technology in cartography.

### **CORRESPONDENCE**

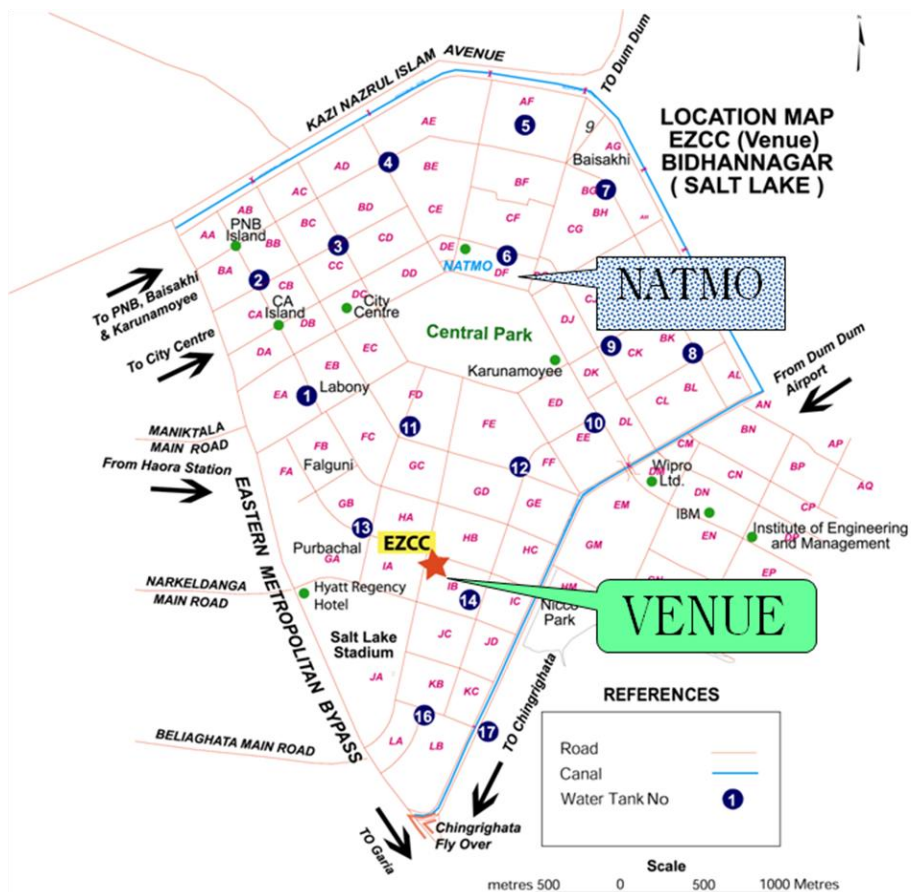
**Dr. A. K. Dasgupta**  
***Organising Secretary,***  
**XXIX INCA INTERNATIONAL CONGRESS**  
**NATIONAL ATLAS & THEMATIC MAPPING ORGANISATION**  
CGO Complex, DF – Block, Salt Lake,  
KOLKATA - 700 064. West Bengal,INDIA,

Telephone: + 91- 33 – 23346459/6331/3699

Fax: + 91- 33 – 23346460 Email: [2009inca@gmail.com](mailto:2009inca@gmail.com)

## IMPORTANT DATES

EVENT	DATE
Abstract Submission	August 31, 2009
Registering the intent for participation (For availing concessional Registration Fees)	August 31, 2009
Abstract acceptance	September 30, 2009
Early Registration	September 30, 2009
Request for Exhibition	October 07, 2009
Full Paper Submission	October 23, 2009
Request for advertising in souvenir	October 07, 2009
Last date for Registration	October 31, 2009
Main Event	November 25 – 27, 2009



# LOCAL ORGANISING COMMITTEE

## **Chairman**

**Dr. C. R. Pathak**, Regional Science Assn.

## **Co-Chairman**

Dr. R. Prasad, NATMO

Dr. Prabhas Pande, GSI

Maj. Gen. C. S. Bewli, SOI

## **Vice-Chairman**

Dr. B. P. Singh  
NATMO

Brig. R. N. Thakur,  
SOI

Prof. A. R. Ghosh  
CU

Dr. A. Jeyaram  
RRSSC

Dr. D. S Singh  
NBSSLUP

## **Organising Secretary**

Dr. A. K. Dasgupta,  
NATMO

## **Jt. Secretary**

Shri U. Chakraborty  
NATMO

## **Treasurer**

Smt. Sudipta Neogi,  
NATMO

## **Members**

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*Shri Sanjoy Nag, DST & NES*

*Shri J. P. Singh, NATMO*

*Dr. G. C. Debnath, NATMO*

*Shri P. R. Mallick, NATMO*

*Smt. L. Ghosal, NATMO*

*Smt. Subhra Chowdhury, NATMO*

*Smt. A. Lahiri, NATMO*

*Dr. A. K. Goswami, NATMO*

*Dr. A. K. Sarkar, KOLKATA*

*Shri Ashis Bose, ROLTA*

*Shri Alok Sur, JIYA INFOTECH*

*Dr. Protima Rohatgi, C.U.*

*Km. Ishani Chatterjee, C.U.*

*Shri Krishnendu Das, NBSS & LUP*

*Dr. J.A. Siddiqui, NATMO*

*Shri A.N. Bageshwar, NATMO*

*Smt. Maya Das, NATMO*

*Dr. N. H. Khadse, NATMO*

*Shri A. K. Srimany, NATMO*

*Shri Kirtimoy Mukherjee, NATMO*

*Dr. (Smt.) Baisakhi Sarkar, NATMO*

*Dr. (Smt.) S. Bhadury, NATMO*

*Shri M. Oraon, NATMO*

*Shri K. Banerjee, NATMO*

*Shri Preetam Bose, ESRI*

*Dr. Balen Basu, OPSIS System*

*Shri Dwaipan Dighal, LEICA*

*Shri Gobindo Ghosal, NATMO*

