

NATIONAL SEMINAR ON REMOTE SENSING & ENVIRONMENT

20-22 March, 2014



Organized by:
School of Oceanographic Studies,
Jadavpur University
In Collaboration with
Council and Department of
Science & Technology
Government of West Bengal



Govt .of West Bengal

VENUE
TEQUIP Building
Jadavpur University
188, Raja S.C. Mallick road
Kolkata-700032

RATIONALE:

In modern and emerging disciplines of natural science, remote sensing technologies have become a significant and important tool for various approaches towards monitoring, assessment and conservation of natural resources and environment. Recent advances made in Microwave Sensing, Hyper spectral Imaging and High spatial resolution offer promising techniques to explore various aspects related to monitoring large scale environment in a fruitful and cost effective way. Applying remote sensing in understanding natural processes, several oceanic features along with mapping inventory of water resources across different spatial and temporal scales can generate tremendous outputs. In the field of forestry and agriculture, terrain analysis, forest management, updating of existing forest and agricultural inventories, vegetation cover type discrimination, delineation of burnt areas and mapping of cleared areas are done applying various techniques of remote sensing. Climate change and climate induced disasters have become a menace for the community at large. Remote sensing seems to be the most efficient tool for studying, monitoring and hence formulating preventive strategies for combating such phenomenon. In this backdrop, the School of Oceanographic Studies in collaboration with Department of Science and Technology, Govt. of West Bengal, is going to organise a National Seminar on Remote Sensing and Environment on March 20-22,2014 to inculcate this versatile technology in proper benefit and sustainability of the natural resources and environment for future generation

ABOUT SCHOOL OF OCEANOGRAPHIC STUDIES , JADAVPUR UNIVERSITY :

School of Oceanographic Studies, Jadavpur University , was established by the University Grants Commission with the objective of manpower training and multidisciplinary research on ocean sciences and technology. Apart from state of art researches on Coastal Zone, Climate Change and Sea level rise, Ocean resources and Carbon dynamics, Ocean Bio Optics , Delta Studies funded by various International and national agencies, It conducts Ph.D. and M.Phil. programme on Oceanography and Coastal management , a PG diploma course in Remote Sensing (RS) and Geographic Information System (GIS) and EDUSAT based short course on RS& GIS application. It has a sophisticated Remote Sensing and GIS Laboratory.

ABOUT WBCST & DST, GoWB:

Department of Science & Technology (DST), Govt. of West Bengal, since its inception in 1988 is looking forward to utilize science and technology for the improvement of the scientific and technological scenario of the state. The West Bengal State Council of Science & Technology (WBSCST), an autonomous body under the administrative control of this department is presently acting as implementing agency of this Department.

Till now this Council and Department of Science & Technology has traversed a long way in promoting research and development activities, transferring technology from lab to land, formulating S&T plan, popularization of science, utilizing science to address the needs of problem- specific issues, intellectual property rights (IPR), Geo-informatics and Remote Sensing technology based activities, Bio- Technology & Tissue culture based activities and demonstrating the utility of science and technology amongst common people. The Council and DST, GoWB also conduct various training courses on Geoinformatics e.g. P.G. Diploma, Short term and Certificate courses in RS & GIS.

Advisory Committee

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Bio Tech.nology, Govt of West Bengal

Vice Chairman : Additional Chief Secretary, DST, GoWB

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Themes of the seminar

- ❖ Water Resource Management
- ❖ Forestry
- ❖ Oceanography
- ❖ Climatology/Climate Science
- ❖ Land Use / Urban Development
- ❖ Disaster Management
- ❖ New Technologies in Environmental Monitoring & others field

Call for Papers

Abstracts of paper of max. 300 words are invited latest by 30 November 2013 for oral /poster presentations. Size of poster should be 1x1 meters. Last date for submission of full paper is 18 January 2014*

Awards:

Best paper of each poster and oral session will be awarded.

Limited travel & accommodation support will be provided to young researchers & students only, selected for oral/ poster presentation .

Sponsorships & Stalls

For Sponsorship and Stalls Contact:

rs.environment2014@gmail.com

rs.environment2014@yahoo.com

Mobile:9831432302

Key Date

Submission of Abstract: 30th Nov,2013

Acceptance of abstract: 15th Dec,2013

Submission of full paper: 18th Jan,2013

National Seminar on

Remote Sensing & Environment

Sponsored by Deptt. of S & T, Govt. of West Bengal

Organized by SOS, JU and Council & Deptt. of S&T

Govt. of West Bengal

20-22 March 2014

Registration Form:

Name:Dr./Mr./Ms. _____

Organization: _____

Designation: _____

Mailing _____

Address: _____

Tel _____

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Presentation Type:

Oral Poster

Travel Support Required:

Yes No

Accommodation Required:

Yes No

Signature _____

Date: _____

*Address for Communication:

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* Researchers /Students should forward this form through Supervisor/ HOD