



National Seminar on “GIS Applications in Environmental Science & Geography”



October 29th & 30th, 2010

Hosted by

School of Earth Sciences

*Swami Ramanand Teerth Marathwada University, Nanded,
Maharashtra*

Sponsors

S.R.T.M. University, Nanded
NAAC Re-accredited with 'B' grade

University Grants Commission,
New Delhi

FINAL CIRCULAR and CALL FOR PAPERS

Focal Theme

ENVIRONMENT AND GEOINFORMATICS (GIS)

Hosted by

School of Earth Sciences

(DST FIST Sponsored Department)

Introduction

Environment encompasses under its ambit the physical landscape, social landscape and the built environment. All these are inextricably linked up and the degree of linkage between each one of these is related to the level of development in a particular geographical region.

Man - environment relations have for long been the central focus of debates and discussions. In fact they have been discussed from a variety of perspectives like the environment around man, pollution, agriculture, population, urban & regional planning & now use of GIS in the every walk of the man besides others.

While earlier areal or Spatial Data had a very restricted use, dissemination and exchange, the digital technologies like 'GIS' are making the world more 'Spatially Enabled' and also well integrated. These technologies are bringing spatial solutions to the doorsteps of people and their role as Decision Support tools cannot be discounted.

Geoinformatics along with its accessories like GIS and Remote Sensing helps in assessing the results of various government policies that have a bearing on the spatial locations. Viewed at differently, the traditional tools of the Geographers - Maps - have found an added advantage with the revolution in cyber- informatics, where they are now part of a more dynamic and interactive environment.

This Seminar seeks to lay emphasis on the various aspects of Environmental Geography & GIS Development, Environment and the Geoinformatics tools being increasingly used to study them.

Throughout the world problems related to environment are on increase. These problems most of the time are geography related. The problems like water, air & soil pollution, agricultural aspects including medicinal plants and solid waste management have their solutions hidden in the geographical aspects.

At the same time there are problems related to regional planning, urban planning, demographic aspect, agricultural geography and other environmental problems which can be assessed very easily by using GIS techniques. While GIS technological and environmental solutions, or at least approaches to solutions, vary from problem to problem, the above mentioned problems are similar. This seminar will assess the similarities and differences.

Theme

The Seminar is calling for papers focusing on the following areas

- Environmental Geography
- GIS
- Urban Geography & Planning
- Demographic Aspects
- Agricultural Problems w.r.t. to geomorphology
- Ecology
- Water, soil & air pollution
- Regional Planning
- Medicinal Plants
- Climate Change

Call for Papers

This inter-disciplinary seminar aims to explore the role of geography and environmental ideas in the context of contemporary society and assess the implications for our understandings of fairness and justice for environmental geography.

The first inter-disciplinary seminar in 'environmental geography' in S.R.T.M.University, Nanded will develop a focus on two interlocking areas;

Area 1: will examine the changing relationship between nature, culture, and society and will look at the impact of environmental thinking and ethics on issues such as ecology, physical environment, conservation and preservation of agricultural land, sustainable resources, food and feeding, medicinal plants and our obligations to future generations.

Area 2: will examine the role of GIS in geography and environment problem solving w.r.t. pollution (air, water & soil), urban planning, solid waste management, water management, geomorphology, etc.

Papers will be considered on any related theme. 300 word abstracts should be submitted by 30th September, 2010. The acceptance of the abstract for oral / poster presentation will be communicated by 05th October, 2010. Abstract accepted for oral / poster presentation will be published in the 'Abstract Volume' and circulated at the time of seminar. Full draft papers should be submitted by 30th October, 2010.

Poster Presentation

Poster display boards will be provided for poster presentation. Each poster size should be limited to 1m × 1m. Drawing pins & magnetic holders will be provided. The digital posters shall be preferred.

Selected papers accepted for and presented at the conference will be published in themed volumes.

Registration Fee

Participants are requested to fill in the enclosed registration form and send the same along with the abstract and registration fee to the convener by September 30, 2010. Full papers may reach the Convener by October 30, 2010. Abstracts without registration form, registration fee may not be accepted. Manuscript of the paper may be typed in MS-Word and double-spaced and can be mailed to the conveners as soft copy.

Registration fee (before September 30, 2010)

Registration fee for Faculty/ industrialists / businessman / consultant: Rs. 700

Registration fee for Students / Senior Indian Participants: Rs 300

Registration fee for International Participants: USD\$ 100

Spot Registration fee (after September 30, 2010)

Registration fee for Faculty/industrialists / businessman / consultant: Rs. 800

Registration fee for Students / Research scholar (full time): Rs 400

Registration fee for International Participants: USD\$ 175

(A Certificate by competent authority must be attached along with the registration form)

For further details information, please visit the school website at: srtmun.ac.in or contact Mr. V.M. Wagh, Dr.T.Vijay Kumar, Prof.D.B.Panaskar, School of Earth Sciences, S.R.T.M.University, Nanded.

E-mail Id: - wagh.vasant@gmail.com;

vijay.srtmu@gmail.com;

Preliminary Program

October 29 : Registration, Opening Session, Technical Session, Lunch, Paper Sessions

October 30 : Technical Session, Lunch, Paper Sessions & Closing Ceremony

The technical session, comprising key note address by eminent academicians, researchers & scientists, of the Seminar will be organized around the following themes:

- ⌚ Urban Planning & Regional Planning and Development Strategies
- ⌚ Population Explosion and Urbanization
- ⌚ Environmental Pollution and Quality of Life
- ⌚ Geoinformatics: Technology - Society Interface

Language of the Conference

English & Marathi

Seminar Venue

Senate Hall, Swami Ramanand Teerth Marathwada University, Nanded

For More Information contact

Director

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Patron

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Vice-Chancellor
S.R.T.M. University, Nanded

Chief Organiser

Prof. D.B. Panaskar

Director
School of Earth Sciences
S.R.T.M. University, Nanded

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Registration Form

National Seminar on “GIS Applications in Environmental Science & Geography”

Organised By

**School of Earth Sciences,
S.R.T.M. University, Nanded, Maharashtra-431606**

Schedule: 29th & 30th October 2010

Name (in capital letters) -----

Gender (Male / Female) ----- Age -----

Designation (Lecturer / Student / Scientist / Industrialist / Businessmen) -----

Organisation with mailing address -----

Theme of the paper -----

Title of the Paper -----

Registration Fee Rs.-----, D.D. No.-----, dated-----
(D.D. should be drawn in the name of Registrar, S.R.T.M.University, Nanded, payable at Nanded)

Accommodation required (Yes / No),

Telephone no. -----

E-mail Id. -----

Place

Signature of Participant

Date

Signature of the Forwarding Authority

Important Dates

Submission of Abstract & Date for Registration	September 30, 2010
Communication of Acceptance of Abstract	October 05, 2010
Spot Registration & Date of Seminar	October 29, 2010
Submission of Full Paper	October 30, 2010

- ❑ Registration fee covers seminar kit, abstract volume, refreshment & meals
- ❑ Registration fee shall not be refunded in any case
- ❑ Full papers shall be sent to referee(s) for assessment; papers accepted for publication only will be published in the special volume

About School of Earth Sciences

The School of Earth Sciences (DST sponsored Department) is one of the new schools established in the university in 1996. School offers PG courses in 'Geology', 'Environmental Sciences' & 'Geography'. It also offers M.Phil course in 'Geography' and is planning to offer M.Phil course in 'Geology' & 'Environmental Science' from the coming academic year. It will also offer PG Diploma in Geoinformatics & GIS from 2010. School in its short span has progress at all the academic fronts. The school always leads in the area of teaching, research & extension activities. School teachers have published quality research papers at national & international level and have generated funds of about 1.75 crores through various projects. Over a period of about 14 years it has established itself as centre of quality teaching, research and extension activities in the field of Geology, Environmental Science & Geography. It has state of art equipments and computational facilities for teaching and research activities. School has entered into MoU with national research laboratories, State groundwater board and industries. The school has been recognised by DST under FIST scheme.

About Nanded

The district of Nanded lies between 18° 15' to 19° 55' North latitude and 77° to 78° 25' east longitudes. It covers area of above 10,422 Sq. k.m. It is located in the south eastern part of the state. It is bounded on the North by Yeotamal District, on the South East by Latur District on the North West by Parbhani District of Maharashtra State, on the South East by Adilabad and Nizamabad Districts of Andhra Pradesh and on the South by Bidar District of Karanataka State. Nanded is well connected by road, rail from major cities like Nagpur, Mumbai, Pune, Hyderabad, etc. It is well connected by air to Mumbai. The area presents undulating topography with uneven hills, plateau, gentle slopes and valley planes. Physiographically, the district can be divided in to 2 major parts, the hilly region on the North and North East and low lying area on the banks of the rivers Godawari, Manjra, Manyad, Penganga etc. Average rainfall is about 900 mm and temperature varies from 45° C in summer to about 8° C in winter.

There are a few hotels in Nanded like the Hotel Chandralok, Taj Patil and Hotel Anuradha Palace. The hotels are conveniently located and provide decent rooms at about reasonable rate. There are no luxury hotels in the city. The Gurudwaras also have a few guest rooms, including A/C rooms.



Features at a glance



Gurudwara



S.R.T.M. University



Historical Places



Air connectivity



Large lift irrigation Dam

Organising Committee

- ❑ Prof. R. D. Kaplay, School of Earth Sciences, S.R.T.M. University, Nanded
- ❑ Dr.V.R.Rathod, Vasanttrao Naik College, Nanded
- ❑ Dr.S.K.G.Krishnamacharyulu, School of Earth Sciences, S.R.T.M. University, Nanded
- ❑ Dr.H.S.Patode, School of Earth Sciences, S.R.T.M. University, Nanded
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- ❑ Mr. Y.P.Lolage, School of Earth Sciences, S.R.T.M. University, Nanded

Advisory Committee

- ❑ Dr.Avinash Sarnaik, Director, B.C.U.D. S.R.T.M.University, Nanded
- ❑ Dr.Kankure, Department of Geography, Maharashtra Udayagiri College, Udgir
- ❑ Dr.Velapurkar, Principal, Hawagiswami College,Udgir
- ❑ Dr.S.B.Jadhav, Principal, Rajshree Shahu College, Latur
- ❑ Dr.Shivanikar, Head, Environmental Science, N.S.B.College, Nanded
- ❑ Dr.R.S.Gawali, School of Earth Sciences, Solapur University, Solapur