

Report for UGC Sponsored Conference

UGC Sponsored National Level Conference

Applications of Remote Sensing & GIS in Natural Resource Management

February 14 - 15, 2009

Organised by

JalaSRI – Watershed Surveillance & Research Institute

Sponsored By

K.C.E.Society's

Moolji Jaitha College, Jalgaon

Web: <http://www.jalasri.kces.in>

E-Mail: jalasri@kces.in

Phones: 91 - 0257 - 2237363, 2234281

Fax: 91 - 0257 - 2237363



UGC Sponsored National Level Conference
Applications of Remote Sensing & GIS in Natural Resource Management

February 14 - 15, 2009

Conference Schedule

Day - I Saturday, February 14, 2009

Time	Events
08:30-10:30	Registration & Breakfast
10:30-01:00	Inauguration Inaugural Speech – Dr. P. G. Diwakar , RRSSC, Bangalore Title: <i>Optimal Natural Resources Management Using Geospatial & Information Technology.</i> Lead Lecture I - Dr. K. P. R. S. Menon , NRSC, Hyderabad Title: Satellite Data Acquisition & Dissemination.
01:00-02:00	Lunch
02:00-03:00	Lead Lecture - II Dr. A. V. R. Kesava Rao , ICRISAT, Hyderabad Title: <i>Applications of Remote Sensing & GIS in Global Warming & Climate Change Studies.</i>
03:00-04:00	Oral Presentation - I : OP 1 – OP 5
04:00-04:30	Tea Break
04:30-05:30	Lead Lecture -III Dr. P. G. Diwakar , Title: <i>Geospatial Techniques For Sustainable Development of Natural Resources.</i>
05:30-06:00	Poster Display
07:00-09:00	Dinner

Day - II Sunday, February 15, 2009

Time	Events
08:00-09:00	Breakfast
09:00-10:00	Lead Lecture -IV Dr. Sarnam Singh , IIRS, Dehradun Title:
10:00-11:00	Lead Lecture -V Dr. Vivek Kale , Tele Atlas Kalyani India Ltd., Pune Title: <i>Efficacy of Geospatial Tools for Efficient Infrastructure Planning & Management.</i>
11:00-11:15	Tea Break
11:15-12:15	Lead Lecture -VI Dr. S. P. Agarwal , IIRS, Dehradun Title: <i>Remote Sensing & GIS applications in Water Resources Management.</i>
12:15-01:00	Oral Presentation - II : OP 6 – OP 9
01:00-02:00	Lunch
02:00-03:45	Poster Presentation : PP1 – PP12
03:45-04:00	Tea Break
04:00-05:00	Valedictory Function

Optional

Day - III Monday, February 16, 2009

07:00 AM to 07:00 PM Excursion to Ellora

Day - IV Tuesday, February 17, 2009

08:00 AM to 06:00 PM Excursion to Ajanta

UGC Sponsored National Level Conference
Applications of Remote Sensing & GIS in Natural Resource Management

Valedictory Function

February 15, 2009

Program Schedule

Summary of Conference	10 Minutes
<ul style="list-style-type: none">• Mr. Rahul Pandey	
Introduction & Felicitation of Guests	10 Minutes
<ul style="list-style-type: none">• Dr. M. V. Baride• Dr. S. R. Chaudhari	
Special Felicitation:-	
<ul style="list-style-type: none">• Dr. S. B. Varade	
Speech	
<ul style="list-style-type: none">• Dr. S. B. Varade• Dr. S. R. Chaudhari	10 Minutes 10 Minutes
Presidential Address	
<ul style="list-style-type: none">• Dr. M. V. Baride	15 Minutes
Vote of Thanks	
<ul style="list-style-type: none">• Dr. Gauri Rane	5 Minutes

**UGC Sponsored National Level Conference
Applications of Remote Sensing & GIS in Natural Resource Management**

February 14 - 15, 2009

List of Participants

Sr. No	Name	Address	Participation/ Presentation (Title Of Paper)	Faculty/ Student
1	Behera Pranita	JalaSRI,M.J.College, Jalgaon.	Hydrological Modeling of Barakar Catchment using AVSWAT	Faculty
2	Bendale D. S	M.J.College,Jalgaon	Participated	Faculty
3	Bhagat Anant Kadu	M.J.College,Jalgaon	Participated	Student
4	Bhagdikar R. S.	M.J.College,Jalgaon	Participated	Faculty
5	Bhalsing R. R.	M.J.College,Jalgaon	Participated	Student
6	Bhangale Punam Chandrakant	M.J.College,Jalgaon	Participated	Student
7	Bhangale Reshma Arun	M.J.College,Jalgaon	Participated	Faculty
8	Bharadwaj Jaya	JalaSRI,M.J.College, Jalgaon.	1)Application of Remote Sensing and GIS Technology for the Change Detection of Vegetation Cover& Hotspot Area Analysis In Jalgaon District of Maharashtra, India & 2)Biodiversity Characterization at Landscape Level in Jalgaon District Using RS&GIS	Faculty
9	Bharambe S. N.	M. J. College,Jalgaon	Participated	Student
10	Bharati Nilish M.	St.GadgeBaba Amravati Uni.	Geomorphological investigations of Chandur Bazar area, Amravati District, Maharashtra using Remote Sensing and GIS techniques	Faculty
11	Bhavsar Sarika	JalaSRI,M.J.College, Jalgaon.	Participated	Faculty
12	Bhole A. S.	M.J.College,Jalgaon	Participated	Faculty
13	Bhole Pallavi	M.J.College,Jalgaon	Participated	Faculty
14	Chandratre S.J	M. J. College,Jalgaon	Participated	Faculty
15	Chaudhari Ganesh	M. J. College,Jalgaon	Participated	Student
16	Chaudhari Girish A.	M.J.College,Jalgaon	Participated	Student
17	Chaudhari Komal Kamlakar.	M.J.College,Jalgaon	Participated	Faculty
18	Chaudhari S. A.	M.J.College,Jalgaon	Participated	Student
19	Chaudhary Dhanraj Bhagwan	M.J.College,Jalgaon	Participated	Student
20	Chopade Priyanka Vilas	M.J.College,Jalgaon	Participated	Student
21	Deshmukh M. M.	St.GadgeBaba Amravati Uni.	Structural and Lithological investigations of Chandur Bazar area, Amravati District, Maharashtra using Remote Sensing and GIS techniques	Student
22	Deshpande Makarand Mukund	M.J.College,Jalgaon	Participated	Student
23	Dixit Manish Arun	M.J.College,Jalgaon	Participated	Student
24	Gaikwad Sujata R.	M.J.College,Jalgaon	Participated	Faculty
25	Ghughe Sandip Subhash	M.J.College,Jalgaon	Participated	Student
26	Gokhale Devdatta C.	Jain Irrigation sys. Pvt. Ltd.	Participated	Faculty
27	Gupta Gaurav	M.J.College,Jalgaon	Participated	Faculty
28	Hemangi Ramesh Mahajan	M.J.College,Jalgaon	Participated	Student
29	Hyalinge Mahendra	M. J. College,Jalgaon	Participated	Faculty
30	Ingale Kunal	M. J. College,Jalgaon	Participated	Faculty
31	Ingale P. S.	St.GadgeBaba	Morphometric and morpho-tectonic	Student

		Amravati Uni.	analysis of the Narnala Fort region,Akola and Amravati Districts, Maharashtra with reference to remote sensing analysis	
Sr. No	Name	Address	Title Of Paper	Faculty/ Student
32	Ingale Prachi Rajaram	M.J.College,Jalgaon	Land use/land cover mapping of Bhusawal, Bodwad & Muktainagar Tehsils using Remote Sensing & GIS	Student
33	Jadhav Bhusan Nimba	M.J.College,Jalgaon	Participated	Student
34	Jain Devendra S.	Dhule	Ground water quality in Amravati Basin-A GIS approach	Faculty
35	Jangle P.P	M. J. College,Jalgaon	Participated	Faculty
36	Joshi Bhushan	JalaSRI,M.J.College, Jalgaon.	Participated	Faculty
37	Joshi S. D	M. J. College,Jalgaon	Participated	Faculty
38	Joshi Shirish S	Amalner	Participated	Faculty
39	Joshi Shruti Pradeep	M.J.College,Jalgaon	Participated	Student
40	Joshi Vaibhav Vasudeo.(o)	M.J.College,Jalgaon	Assessment of Groundwater Quality of Anjani and Jhiri Watersheds of Jalgaon District - A GIS Approach	Student
41	Kakde Vandana	Jijamata college, Buldhana	Land use/Land Cover Monitoring in Parts of Mussoorie Hills, Uttarakhand, India Using Remote Sensing &GIS	Faculty
42	Kamble H. N,	A.S.C. College, Nawapur	Participated	Faculty
43	Kamble V. M.	Jalgaon	Participated	Faculty
44	Kapase Prashant Shamrao	M.J.College,Jalgaon	Participated	Student
45	Karanje Amol S.	M.J.College,Jalgaon	Participated	Student
46	Kaul Harshika	M. J. College,Jalgaon	Participated	Faculty
47	Kazi N. M.	Shirpur	Participated	Faculty
48	Khadse K. G.	M. J. College,Jalgaon	Participated	Faculty
49	Khadse Madhavi Devidas	M.J.College,Jalgaon	Participated	Student
50	Khadse Sunil P.	Amravati University	Participated	Faculty
51	Khare Amruta Arun	M J. college,Jalgaon	Participated	Student
52	Koli Hemant	Jalasri M. J. college, Jalgaon	Participated	Faculty
53	Kulkarni S. L	M. J. College,Jalgaon	Participated	Faculty
54	Ladhe V. P.	P.O. Nahata college, Bhusawal.	Participated	Faculty
55	Lawande Sudhakar Murlidhar		Participated	Student
56	Lokhande Ulka	M. J. College,Jalgaon	Participated	Faculty
57	Mahajan Chetan D.	JalaSRI,M.J.College, Jalgaon.	GIS Based Building, Analyzing of Database for council : Tax assessment	Faculty
58	Mahajan Hemangi Ramesh	M.J.College,Jalgaon	Participated	Student
59	Mahajan Sujay Umakant	M.J.College,Jalgaon	Assessment of Groundwater Quality of Anjani and Jhiri Watersheds of Jalgaon District - A GIS Approach	Student
60	Mahajan Ujjawala	M. J. College,Jalgaon	Participated	Faculty
61	Mahendran Vikrant	JalaSRI,M.J.College, Jalgaon.	Vulnerability of Different Geomorphic Units to Deserts in Parts of Western Rajasthan - A Remote Sensing and GIS Approach	Faculty
62	Manudhane Dipti Dilip	M.J.College,Jalgaon	Participated	Student
63	More Bhaskar	Jalasri M. J. college, Jalgaon	Participated	Faculty

Sr. No	Name	Address	Title Of Paper	Faculty/ Student
64	Nagpure Vanita	M. J. College, Jalgaon	Participated	Faculty
65	Narkhede Ketan	M. J. College, Jalgaon	Participated	Faculty
66	Nehete Kirankumar Madhav	M.J.College, Jalgaon	Assessment of Groundwater Quality of Anjani and Jhiri Watersheds of Jalgaon District - A GIS Approach	Student
67	Nemade Leena	M. J. College, Jalgaon	Participated	Faculty
68	Nemade S.M	M. J. College, Jalgaon	Participated	Faculty
69	Pandey Rahul	JalaSRI, M.J.College, Jalgaon.	Hydrogeomorphological Mapping and Ground Water Exploration using Remote Sensing Technology in Jalgaon District of Maharashtra	Faculty
70	Patil Dhanashri Liladhar	M.J.College, Jalgaon	Participated	Student
71	Patil Gaurav S.	M.J.College, Jalgaon	Participated	Student
72	Patil H. H.	M. J. College, Jalgaon	Participated	Faculty
73	Patil Jyoti Arun	M.J.College, Jalgaon	Participated	Student
74	Patil Kiran	M. J. College, Jalgaon	Land use/Land Cover Monitoring in Parts of Mussoorie Hills, Uttarakhand, India Using Remote Sensing & GIS	Student
75	Patil Prashant Kiran	M.J.College, Jalgaon	Assessment of Groundwater Quality of Anjani and Jhiri Watersheds of Jalgaon District - A GIS Approach	Student
76	Patil Prerana	M. J. College, Jalgaon	Participated	Faculty
77	Patil Rajendra Shantaram	Jamner	Participated	Student
78	Patil Rajendrakumar Bhagwan	M.J.College, Jalgaon	Participated	Student
79	Patil S. Y.	Dhule	Participated	Faculty
80	Patil Sandhya S.	Dhule	Participated	Faculty
81	Patil Sandip Ramdas	Symbiosis, Pune	Climate change & Global warming	Student
82	Patil Sandip Sukdeo	M.J.College, Jalgaon	Participated	Student
83	Patil Shraddha	M. J. College, Jalgaon	Participated	Faculty
84	Patil Umesh	M.J.College, Jalgaon	Participated	Faculty
85	Patil Vaishali Mohan	M.J.College, Jalgaon	Participated	Faculty
86	Patil Virendra J.	M.J.College, Jalgaon	Participated	Student
87	Pawar R. S.	SRTM Uni. Nanded.	Water Resource Management in Textile Industry of Solapur city, Maharashtra, India	Student
88	Pawde Sanjay P.	Jalasri M. J. college, Jalgaon	Participated	Faculty
89	Poul Parmeshwar	Pune	Generation of spatial data using digital photogrametric workstation and its application	Faculty

Sr. No	Name	Address	Title Of Paper	Faculty/ Student
90	Pradhan G. V.	St.GadgeBaba Amravati Uni.	Water resource management of Gadga river basin, Chikaldhara Region, Amravati District, Maharashtra with reference to remote sensing analysis	Student
91	Rane G.M	JalaSRI,M.J.College, Jalgaon.	Land use/Land Cover Monitoring in Parts of Mussoorie Hills, Uttarakhand, India Using Remote Sensing & GIS	Faculty
92	Raut Bhushan	Pune	Generation of spatial data using digital photogrametric workstation and its application	Faculty
93	Sahu Hemant Kumar	NOU, Orissa.	Land use/Land Cover Monitoring in Parts of Mussoorie Hills, Uttarakhand, India Using Remote Sensing &GIS	Faculty
94	Sapkale Archana	M. J. College,Jalgaon	Participated	Faculty
95	Sardar Bidhan	JalaSRI,M.J.College, Jalgaon.	Hydrological Modeling of Barakar Catchment using AVSWAT	Faculty
96	Sarode Mahesh Hemraj		Participated	Student
97	Shah Namrata	M. J. College,Jalgaon	Participated	Faculty
98	Shaikh Jaweriya Naz Mohd. Saeed	M.J.College,Jalgaon	Participated	Student
99	Shinde Chaitali Vilas	M.J.College,Jalgaon	Participated	Student
100	Tikle Vidula Sushil	Jalasri M. J. college, Jalgaon	Participated	Faculty
101	Vaishampayan M. R.	Dhule	Ground Water Quality in Amrawati Basin- A GIS Approach	Faculty
102	Vinkar Vijay Nagoji	SES. S.R.T.M.U, Nanded	Impact of the Climate Change on the Agri. From Nanded	Student
103	Wagh Premnath Ramnath	M.J.College,Jalgaon	Participated	Student
104	Waghulde Swapnali	M. J. College,Jalgaon	Participated	Faculty
105	Wankhede Sandeep	M. J. College,Jalgaon	Participated	Faculty
106	Warke Vishakha Prakash	M.J.College,Jalgaon	Participated	Student
107	Zafar Sayeed Naseem-UI	SKUAST-K Wadura J& K	Land use/Land Cover Monitoring in Parts of Mussoorie Hills, Uttarakhand, India Using Remote Sensing & GIS	Faculty
108	Zope Manish Prakash	M.J.College,Jalgaon	Participated	Student

Lead Lectures

Lead Lecture – I :	Dr. K. P. R. S. Menon, Scientist, NRSC, Hyderabad
Chairman :	Dr. Rama Murthy, Head, Forest Survey of India, Hyderabad
Rapporteur :	Dr. A. G. Khadse, Lecturer, M. J. College
Title :	Remote Sensing acquisition & Dissemination

Dr. Menon, who is well known scientist in National Remote Sensing Centre (NRSC), Hyderabad described about the NRSC contribution, work, responsibilities & dedication of the institute towards nations geospatial community. He enlightened the following topics:

- NRSC contribution for geometric community
- Satellite missions supported by NRSC
- From first series of IRS 1A/1B to the very recent CARTOSAT
- Classification of satellite data
- NRSC Archives – Data Availability
- New elements in data products
- Stereo Data Applications
- Remote Sensing Data Policy
- Future Satellite like: RISAT, OceanSAT-II, Metsat-I, Megha-Tropiques etc.
- User ordering process & data ordering services etc.

Lead Lecture – II :	Dr. A. V. R. Kesava Rao, Agrometeorology, ICRISAT
Chairman :	Dr. K. P. R. S. Menon, Scientist, NRSC, Hyderabad
Rapporteur :	Dr. Devyani Bendale, Lecturer, M. J. College
Title :	Application of Remote Sensing & GIS in Global Warming and Climate Changes.

Dr. Kesava Rao, scientist, Agrometeorology from International Crop Research Institute for Semi Arid Tropics (ICRISAT), Hyderabad, briefly described the whole lecture in three parts viz., R. S. Introduction, GIS and Global Warming & Climate Changes. His lecture was really eye opener in the sense of today's alert warming situation. His projected changes in the global temperature, global mean temperature, global scenario of climatic changes, Indian scenario of climatic changes were the worth of taking note. He concluded that changes are more dominant in *rabi* season and also given example of Nalgonda district, Andhra Pradesh.

In the GIS he explained briefly about

- Projections
- 2 D Mapping
- Raster & Vector data sets
- Digital Elevation Model
- Spatial Interpolation

Lead Lecture – III : Dr. P. G. Diwakar, Head, RRSSC / ISRO
Chairman : Dr. A. V. R. Kesava Rao, Agrometeorology, ICRISAT
Rapporteur : Mr. Sanjay Bharambe, Lecturer, M. J. College
Title : Natural Resource Management – Geospatial
Perspective

Dr. P. G. Diwakar, Head of Regional Remote Sensing Service Centre (RRSSC), Bangalore is distinguish person in the field of geospatial sciences. His lecture was highly structured and knowledge provider to the researchers and student who are working in this field. Some of the feature of his lecture as below:

- Chandrayaan – 1
- Space technology & Natural Resource Management
- NNRMS – A unique institutional frame work
- Tele-Education
- Towards improving agricultural resources
- Towards improving water resources
- Village Resource Centre
- Damage Assessment Query
- 3 D mapping of terrain in space
- Information system for flood & drought

Lead Lecture – IV : Dr. Sarnam Singh, Sci/Eng. Forest Ecology Div., IIRS
Chairman : Dr. Vivek Kale, Head, Tele Atlas Kalyani India Ltd., Pune
Rapporteur : Dr. Mrs. Gauri Rane, Reader, M. J. College
Title : Remote Sensing & GIS Applications for Forest Inventory,
Mapping & Monitoring.

Dr. Sarnam Singh form Indian Institute of Remote Sensing (IIRS), Dehradun is acknowledged scientist in field of forest and biodiversity. His lecture was application oriented and was really an eye opener about forest degradation. His comparison between conventional method and latest tool of geospatial sciences was of enormous importance. In short he enlighten the following topics:

- Multi disciplinary analysis
- Multi stage concept & data
- Reflectance characteristics of healthy vegetation
- EMR interaction with leaf
- Phonological variability
- Forest cover density within a given minimum mapping unit
- Forest inventory in urban area
- Approach of biomass estimation
- Spatial regression model

Lead Lecture – V : Dr. Vivek Kale, Head, Tele Atlas Kalyani India Ltd., Pune
Chairman : Dr. Sarnam Singh, Sci/Eng. Forest Ecology Div., IIRS
Rapporteur : Dr. H. K. Sahu, Reader, North Orissa University
Title : Efficacy of Geospatial Tools for Efficient Infrastructure Planning & Management.

Dr. Vivek Kale, Head, Geospatial Business from Tele Atlas Kalyani India Ltd., Pune given an excellent talk on the RS & GIS use in commercial field. He also told how this technology can be reasonable for small scale project with some interesting examples. He mentioned some interesting statistics like – by putting Surveying under tax Govt. of India earned 136 crore. Some of his lectures covered topics are as:

- GIS – Concept of What is Where?
- Relational Data Base Management System
- Spatially Referenced Data
- Data linkage & data matching
- Project life cycle = Plan > Design > Construction > Operation & Management
- Pre master plan assessment
- Supply chain management

Lead Lecture – VI : Dr. S. P. Aggarwal, Sci/Eng., Water Resources Division, IIRS
Chairman : Dr. S. B. Varade, Ret. Joint Director, VALMIK, Aurangabad
Rapporteur : Dr. Naseem Jafar, Assit. Professor, Kashmir University
Title : Remote Sensing & GIS Applications in Water Resource Management.

Dr. S. P. Aggarwal who is Scientist in Water Resources Division, IIRS, NRSC, ISRO, Dehradun spoke on the water resources. He focused on the following topics:

- Near real time hydrological information
- Temporal information
- Spatial information
- Operational application of GIS in water resources
- Snow-melt runoff modeling
- Irrigation water resource management
- Rain water harvesting
- Interlinking of rivers

**UGC Sponsored National Level Conference
Applications of Remote Sensing & GIS in Natural Resource Management**

February 14 - 15, 2009

List of Participants for Oral Presentation

Code	Name Of Participant	Title
OP - 1	Hemant Kumar Sahu, Gauri Rane, Naseem Zaffar, and Vandana Kakde	Land Use / Land Cover Monitoring In Parts of Mussoorie Hills, Uttarakhand, India Using Remote Sensing and GIS.
OP - 2	M. R. Vaishampayan & Devendra S. Jain	Ground Water Quality in Amravati Basin- A GIS Approach.
OP - 3	Parmeshwar Poul & Bhushan Raut	Generation of Spatial Data using Digital Photogrametric Workstation & its Application.
OP - 4	P.S. Ingle & S.F.R. Khadri	Morphometric and Morpho-tectonic analysis of the Narnala Fort Region, Akola and Amravati Districts, Maharashtra with Reference to Remote Sensing Analysis.
OP - 5	G.V. Pradhan & S.F.R. Khadri	Water resource management of Gadga River basin, Chikaldhara Region, Amravati District, Maharashtra with reference to remote sensing analysis.
OP - 6	S. U. Mahajan, V. V. Joshi, P. K. Patil, K. M. Nehete, G. R. Chaudhari, G. R. Gupta & D. S. Bendale	Assessment of Groundwater Quality of Anjani and Jhiri Watersheds of Jalgaon District - A GIS Approach.
OP - 7	Prachi Rajaram Ingle	Land use/ land cover mapping of Bhusawal, Bodwad & Muktainagar Tehsils using Remote sensing & GIS.

UGC Sponsored National Level Conference
Applications of Remote Sensing & GIS in Natural Resource Management

February 14 - 15, 2009

List of Participants for Poster Presentation

Code	Name	Title
PP - 1	N.M. Bharati, A. Joshi & S.F.R. Khadri	Geomorphological investigations of Chandur Bazar area, Amravati District, Maharashtra using Remote Sensing and GIS techniques
PP - 2	M.M. Deshmukh, A. Joshi & S.F.R. Khadri	Structural and Lithological investigations of Chandur Bazar area, Amravati District, Maharashtra using Remote Sensing and GIS techniques
PP - 3	D. B. Panaskar & R. S. Pawar	Water Resource Management In Textile Industry of Solapur City, Maharashtra, India
PP - 4	D. B. Panaskar & V. N. Vinkar	Impact of the Climate Change on the Agriculture from Nanded Taluka, District Nanded, Maharashtra
PP - 5	Sandip Ramdas Patil	Climate Change and Global Warming
PP - 6	Bidhan Sardar & Pranita Behera	Hydrological Modeling of Barakar Catchment Using AVSWATX
PP - 7	Chetan D. Mahajan & Bhusan Raut	GIS Based Building, Analyzing of Database for council: Tax assessment
PP - 8	Vikrant Mahendran	Vulnerability of Different Geomorphic Units to Deserts in Parts of Western Rajasthan - A Remote Sensing and GIS Approach
PP - 9	Rahul Krishna Pandey & Jaya Bhardwaj	Hydrogeomorphological Mapping and Ground Water Exploration using Remote Sensing Technology in Jalgaon District of Maharashtra
PP - 10	Jaya Bhardwaj & Rahul K. Pandey	Application of Remote Sensing and GIS Technology for the Change Detection of Vegetation Cover & Hotspot Area Analysis In Jalgaon District of Maharashtra, India
PP - 11	Jaya Bhardwaj & Rahul K. Pandey	Biodiversity Characterization at Landscape Level in Jalgaon District using Remote Sensing and Geographical Information Systems (GIS)

UGC Sponsored National Level Conference
Applications of Remote Sensing & GIS in Natural Resource Management

February 14 - 15, 2009

Awards

Oral Presentation

Category	Participants	Title of the paper
Faculty / Researchers	Dr. Hemant Kumar Sahu, Dr. Mrs. Gauri Rane, Dr. Naseem Zaffar and Dr. Vandana Kakde	Land use/Land cover monitoring in parts of Mussoorie hills, Uttarakhand, India using Remote Sensing & GIS

Category	Participants	Title of the paper
Students / Researchers	Mr. S. U. Mahajan, Mr. P. K. Patil Mr. K. M. Nehete Mr. V. V. Joshi Dr. G. R. Chaudhari Mr. G. R. Gupta & Dr. D. S. Bendale	Assessment of ground water quality of Anjani and Jhiri watersheds of Jalgaon District – A GIS Approach.

Poster Presentation

Category	Participants	Title of the paper
Faculty / Researchers Ist Prize	Mr. Vikrant Mahendran	Vulnerability of different geomorphic units to deserts in parts of western Rajasthan – A Remote Sensing & GIS Approach
Faculty / Researchers IInd Prize	Mr. Bidhan Sardar Ms. Pranita Behera	Hydrological modeling of Barakar Catchment using AVSWATX.

Note: According to the examiner's suggestion in the poster presentation category no poster from student's category was suitable for the contest, so both the awards were given to Faculty/Researchers.

Judges

Oral Presentation : Dr. S. P. Aggarwal, Water Resources Division, IIRS.

Poster Presentation : Dr. Sarnam Singh, Scientist/Eng. 'SG', IIRS, Dehradun &

: Dr. S. P. Aggarwal, Water Resources Division, IIRS.