



## India R & D 2009

### “Geospatial Technologies for Utilities and Infrastructure”

November 20 - 21, 2009

FICCI, Federation House, New Delhi

#### Tentative Programme

#### Day I : 20<sup>th</sup> November 2009, Friday

0930 hrs	<b>Registration</b>
1000 –1045hrs	<b>Inaugural Session</b>
	<p><b>Opening Remarks:</b></p> <ul style="list-style-type: none"><li>• Mr. Harsh Pati Singhania, President, FICCI</li><li>• Maj. Gen (Dr) R Siva Kumar, CEO NSDI &amp; Head NRDMS, Department of Science &amp; Technology, Government of India</li></ul> <p><b>Address by:</b></p> <p>Dr. Shailesh Nayak, Secretary, Ministry of Earth Sciences, Government of India</p> <p><b>Release of FICCI – Geospatial Today Report on Geospatial Industry by Hon’ble Minister</b></p> <p><b>Inaugural Address:</b></p> <p>Mr. Prithviraj Chavan, Hon’ble Minister for Science &amp; Technology, Government of India</p> <p><b>Vote of Thanks:</b></p> <p>Dr. Amit Mitra, Secretary General, FICCI</p> <p><b>Session Moderated by Dr. Amit Mitra, Secretary General, FICCI</b></p>

1045– 1115hrs	<p><b>Keynote Address : “Geo-Enabling Infrastructure Development”</b></p> <p><b>Mr. Rajesh Mathur</b>, Vice Chairman, ESRI India and Co-Chair, FICCI Task Force on Geospatial Technologies</p>
1115 –1145hrs	<b>Tea / Coffee Break</b>
1145 –1330hrs	<b>Plenary Session 1: Policy &amp; Regulatory framework for Geospatial Industry</b>
	<i>There is a need to formulate a new National Map Policy which addresses the issues of concern like security, access rules, aerial imagery for heads-up digitizing, copyright and licenses etc. How could Spatial infrastructure be developed for the Societal benefit? The Session will try to draw a Policy Roadmap for Indian Geospatial Industry.</i>
	<p><b>Chair: Dr. Shailesh Nayak, Secretary, Ministry of Earth Sciences, Government of India</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Maj Gen Manoj Tayal, Surveyor General of India</li> <li>• Dr. V S Hegde, Director, EOS, ISRO</li> <li>• Dr. Mukund Rao, President &amp; Chief Operating Officer, NIIT GIS Limited</li> <li>• Mr. Atul Tayal, Joint Managing Director, Rolta India Ltd</li> <li>• Prof Arup Dasgupta, Honorary Mg Editor, GIS Development Pvt. Ltd</li> </ul>
1330 –1430hrs	<b>Lunch Break</b>
1430 –1545hrs	<b>Plenary Session 2: Human Resource issues in Geospatial Industry</b>
	<p><i>The Geospatial Technology Industry is an emerging high growth sector. In the coming years, skilled manpower will be required for providing spatial information services in various sectors. Additional manpower is also required for maintaining the databases up-to-date. There is a need for capacity building in existing resources and introduce new technical courses at various educational levels.</i></p> <p><b>Chair: Mr. Rajesh Kalra, Mg Director, RMSI</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Maj Gen (Dr.) B Nagarajan, Addl Surveyor General, Indian Institute of Surveying &amp; Mapping, Survey of India</li> <li>• Dr. M. Anji Reddy, Prof of Environment , Sciences &amp; Technology and Director University Foreign Relations, JNTU</li> <li>• Dr. M. C. Porwal, Scientist -"SG" and Program Coordinator (Academic, Indian Institute of Remote Sensing, Dehradun</li> <li>• Mr. Raveesh Jain, Head – HR, Ramtech Corporation</li> <li>• Dr. Ashish Verma, Asst. Professor, IISc, Bangalore</li> </ul>

1545 –1600hrs	<b>Tea / Coffee Break</b>
1600 –1730hrs	<b>Theme Session 1: Power GIS</b>
	<p><i>With Government of India approving a central sector scheme for the Accelerated Power Development and Reforms Programme (APDRP), there is big opportunity for GIS companies for offering solutions and applications.</i></p> <p><i>The process of routing energy is highly dependent on geographic information. This session aims to discuss and debate various innovative uses of GIS in meeting the objective of reduced transmission and distribution losses, improve customer satisfaction through improved service and drive power distribution.</i></p> <p><b>Chair: Mr. B.V.R Mohan Reddy, Chairman &amp; Mg Director, Infotech Enterprises Limited</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Mr. Arunabha Basu, Head - Technology, North Delhi Power Limited</li> <li>• Mr. V K Gupta*, Executive Director – NTPC</li> <li>• Mr. Shishir Verma, Lead - Power Practice, ESRI</li> <li>• Mr. Achyut P Rao, Regional Sales Manager, SAARC, Digital Globe Asia Inc</li> <li>• Mr. S N Verma*, General Manager, IPGCL – PPCL</li> </ul>
1900 hrs	<b>Networking Cocktail &amp; Dinner</b>

## Day II: 21<sup>st</sup> November 2009, Saturday

1030 – 1200 hrs	<b>Theme Session 2: GIS for Growth &amp; Economic Development</b>
	<p><i>Geospatial technologies have applications in almost every developmental activity, be it transportation, urban planning, infrastructure etc. With the usage of GIS, national resources could be better utilized &amp; managed for growth and development. The session will highlight how GIS could be of utility to economic development.</i></p>
	<p><b>Chair: Mr. V K Topa, Adviser to Secretary General, FICCI</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Mr. Michael Jansen, Founder &amp; CEO, Satellier</li> <li>• Mr. A K Pachauri, Professor, Earth Sciences, Center of Disaster Mitigation &amp; Management, IIT – Roorkee</li> <li>• Dr. R D Gupta, Professor &amp; Coordinator, GIS Cell, MNNIT, Allahabad</li> </ul>
1200 – 1215 hrs	<b>Tea / Coffee Break</b>

1215- 1330 hrs	<b>Theme Session 3: Geospatial for Water &amp; Wastewater</b>
	<p><i>There are various factors which affect sustainability of water supply services, ranging from technical and natural resource issues. GIS could be used for the high-resolution maps for the detail of location of underground pipelines, watersheds, reservoirs, hydroelectric facilities etc. With India's diverse geographic contours, GIS would be helpful in location of water sources in places like Rajasthan.</i></p> <p><i>The session aims to discuss new and better usages of GIS for water exploration, water treatment and water harvesting in India, as clean drinking water remains one of the major utility problems in India.</i></p> <p><b>Chair: Dr. Sanjay V. Dahasahasra, Member Secretary, Maharashtra Jeevan Pradhikaran</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Mr. Amit Prasad, Director- IT, NDMC</li> <li>• Mr. A K Gosain, Professor &amp; Head, Civil Engineering Department, IIT – Delhi</li> <li>• Mr. Laxmi Sharma, Asst Professor, Department of Applied Sciences, Punjab Engg. College</li> <li>• Mrs. Madhuri Mulay, Maharashtra Jeevan Pradhikaran</li> <li>• Mr. Sreedhar Saraswathi, Autodesk Geospatial Technical Solutions</li> </ul>
1330 – 1430 hrs	<b>Lunch</b>
1430 – 1545 hrs	<b>Theme Session 4: Geospatial for Telecom Industry</b>
	<p><i>GIS provides telecommunication business with many solutions such as analyzing relationships among signal coverage, test results, customer inquiries, geo-coding antennas, analyzing service areas, geo-coding clients, and correlating equipment requirements to service area demand. Using GIS, telecom operators can estimate the length and direction of cable networks from one point to another point on the network. Errors can be quickly located on a network and performance reports can be generated according to the distribution points.</i></p> <p><i>The session aims to deliberate on the best practices of the GIS technologies for the telecom industry in India.</i></p> <p><b>Chair: Mr. Ramprasad, Director, Geospatial Today</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Dr. K M Jagadeesh, Vice President- GIS, IT Strategy and Governance, Reliance Communications</li> <li>• Mr. Ashutosh Pande*, MD and Corporate VP, SiRF Technology India Pvt. Ltd</li> <li>• Mr. Rohan Verma, Director, MapMyIndia</li> <li>• Mr. Naveen Dankal, CDOT</li> </ul>
1545- 1600 hrs	<b>Tea / Coffee Break</b>

1600 -1730 hrs	<b>Theme Session 5: Geospatial for Transportation</b>
	<p><i>GIS as an important tool in managing, planning, evaluating and maintaining transportation systems. GIS applications can be utilized to calculate the number of residents, number of dwelling units, number of employees within walkable distance from the bus stop, the shortest network path from business points to the transit bus stops and the nearness of the study area from a bus transit stops.</i></p> <p><i>For a country like India, this tool can be effectively used to manage inventories of roadway assets such as signs, signals, pavement, bridges and lighting.</i></p> <p><b>Chair: Dr. Ratnakar Gedam, Adviser (Transport), Planning Commission</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Mr. Anshul Gupta, Group General Manager, RailTel Corporation of India Ltd</li> <li>• Mr. Alok Upadhyaya, Head – DSSDI Project, Navyuga Engineering Company Ltd.</li> <li>• Mr. K. Jayakishan, Sr. Vice President (Corporate Strategy), Delhi Integrated Multi Model Transit Systems Ltd.</li> <li>• Prof Mamta Desai, Professor &amp; Head, Department of Ecology, Physical &amp; Human Resources, Netaji Institute for Asian Studies</li> <li>• Mr. Kanak Durai, Head Road Development &amp; Planning Division, Central Road Research Institute</li> </ul>
1730 hrs	<b>Closing</b>