

NSDI SESSION
AT GEOSPATIAL WORLD FORUM 2017

January 25, 2017

Hall 2.06

Hyderabad International Convention Centre

0900-1200 hrs

Agenda Items

- 0900-0910 hrs Welcome remarks and Brief Introduction to Progress of National Spatial Data Infrastructure (NSDI) by P S Acharya, CEO, NSDI, DST, New Delhi
- 0910-0930 hrs Developments on Data Content Standards of NSDI and the Soil Data Node – Dr. G. P. Obi Reddy, Principal Research Scientist, NBSS&LUP, Nagpur
- 0930-0950 hrs Environmental Management Data Model and CPCB Data Node – Dr. A. Sudhakar and Ms. Smriti Upadhyay, CPCB, New Delhi

Agenda Items (Contd.)

- 0950- 1010 hrs Survey of India Data Node (Surveykshan) – Status and its future – Representative of Survey of India, Hyderabad/ Dehradun
- 1010 – 1030 hrs Applications of Interoperable NSDI Services in Disaster Management and Urban Governance – Dr. Sunitha Abburu, Adhiyaman College of Engineering, Hosur, Tamilnadu
- 1030 hrs –
1050 hrs State Spatial Data Infrastructures and their Applications – Shri Hemanth Kumar, KSCST, Bengaluru

Agenda Items (Contd.)

1050 hrs – 1110 hrs National Data Registry (NDR) – Role, Scope and Structure – Prof. NL Sarda, IIT Bombay

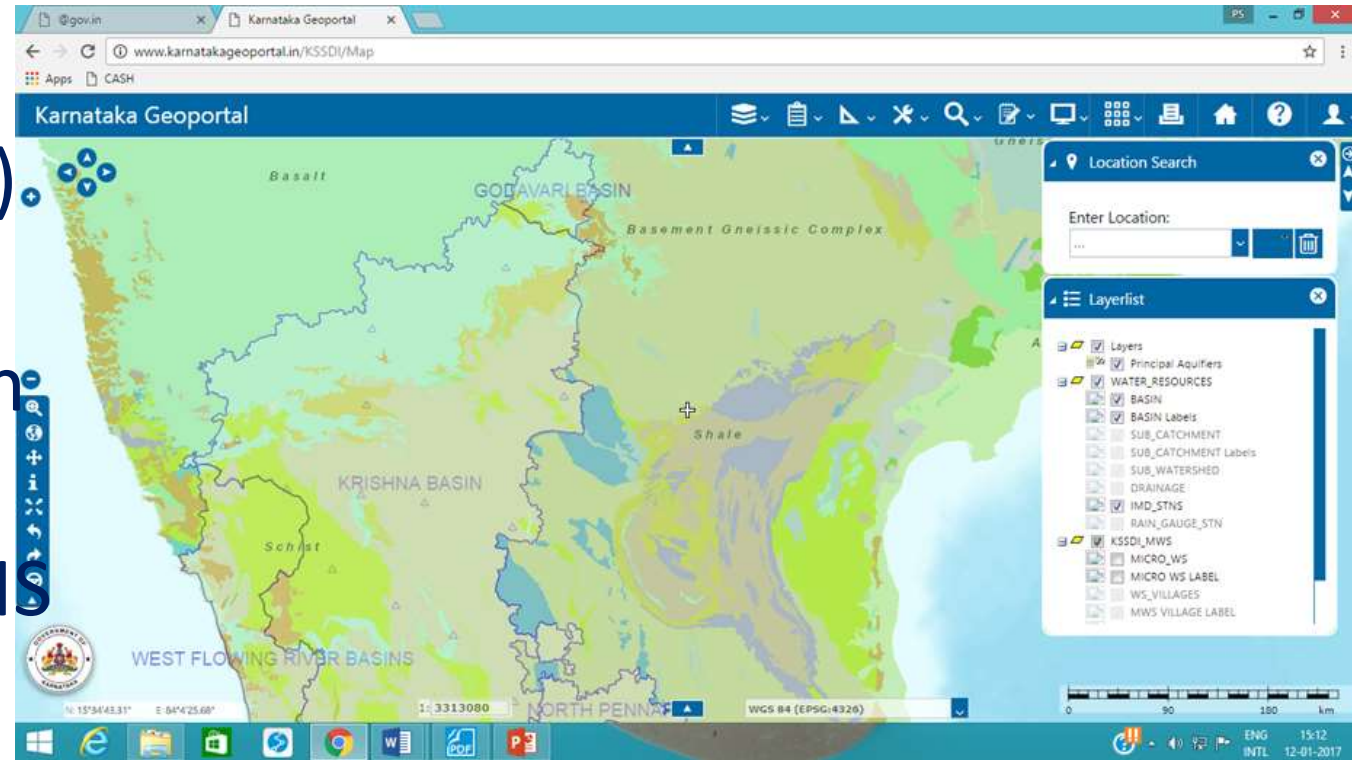
1110 hrs – 1145 hrs Interactive Session

1145 – 1200 hrs Closing remarks and recommendations by P. S. Acharya, CEO, NSDI

Note: Tea will be arranged outside hall at 1100 am. Participants can get their tea/coffee and resume session.

Brief Introduction to NSDI's Progress (2016-17)

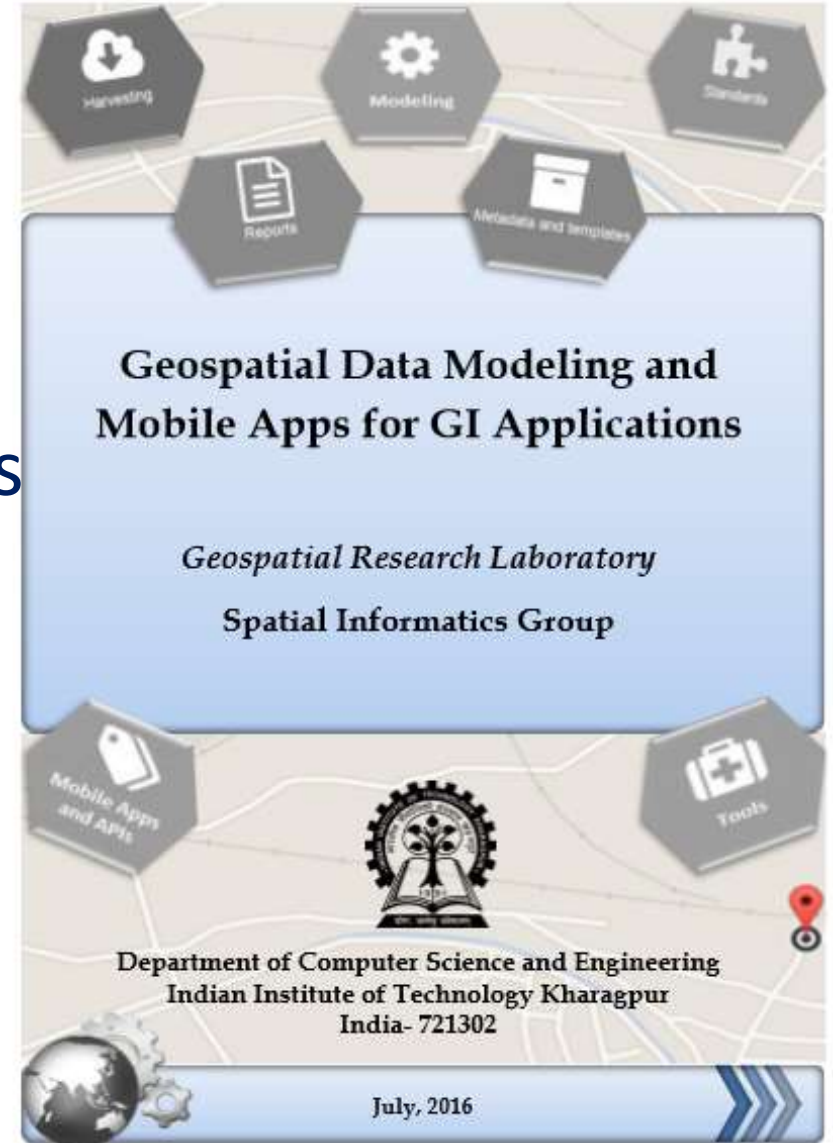
- Soil Data Node, Revision of Soil Data Content Standard through BIS process (NBSS&LUP)
- Environmental Management Data Model/ Data Node (CPCB)
- NSDI Applications – Disaster Management, 3D SDI for Urban Governance, Revision of NGIS
- State SDI Applications – WS-MIS Integration, Uttarakhand Geo-portal getting tested
- Geospatial Cloud, Training Module
- National Data Registry (NDR) Operationalisation Plan



(Karnataka State Geo-portal showing Published CGWB WMS on principal aquifers from WRIS Portal)

NSDI Action Plan – 2017-18 and 2018-19

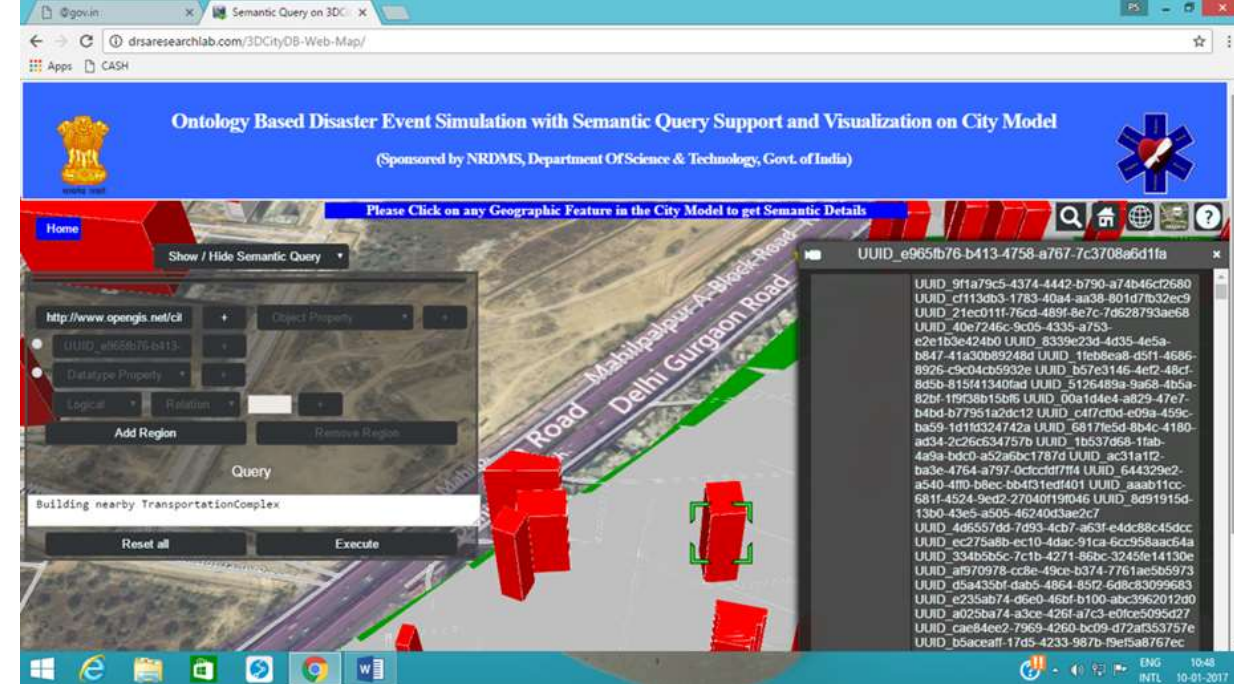
- Operationalization and Maintenance of Data Registry
- Sustenance of NSDI/ State SDI Data Nodes (metadata harvesting)
- Geospatial Cloud/ Data Centre for quick on-boarding of services
- GIS data asset management (coordinated updation mechanism, overcoming data gaps)
- Capacity building, training modules/ kits



NSDI 2-yr Action Plan (Contd..)

- Delivery of GI Application Services for decision-making (g-Governance)
- Standards Development (BIS process), R & D (3D SDI, Cyber-GIS)
- Strengthening of NSDI Infrastructure
- International Cooperation (OGC, BRICS, Indo-US S&T Forum)

BRICS WG-GS meeting, March 2016



Spatio-semantic querying on 3D CityGML data

