

102C. 8) NATURAL RESOURCES DATA MANAGEMENT SYSTEM – KARNATAKA PROJECT

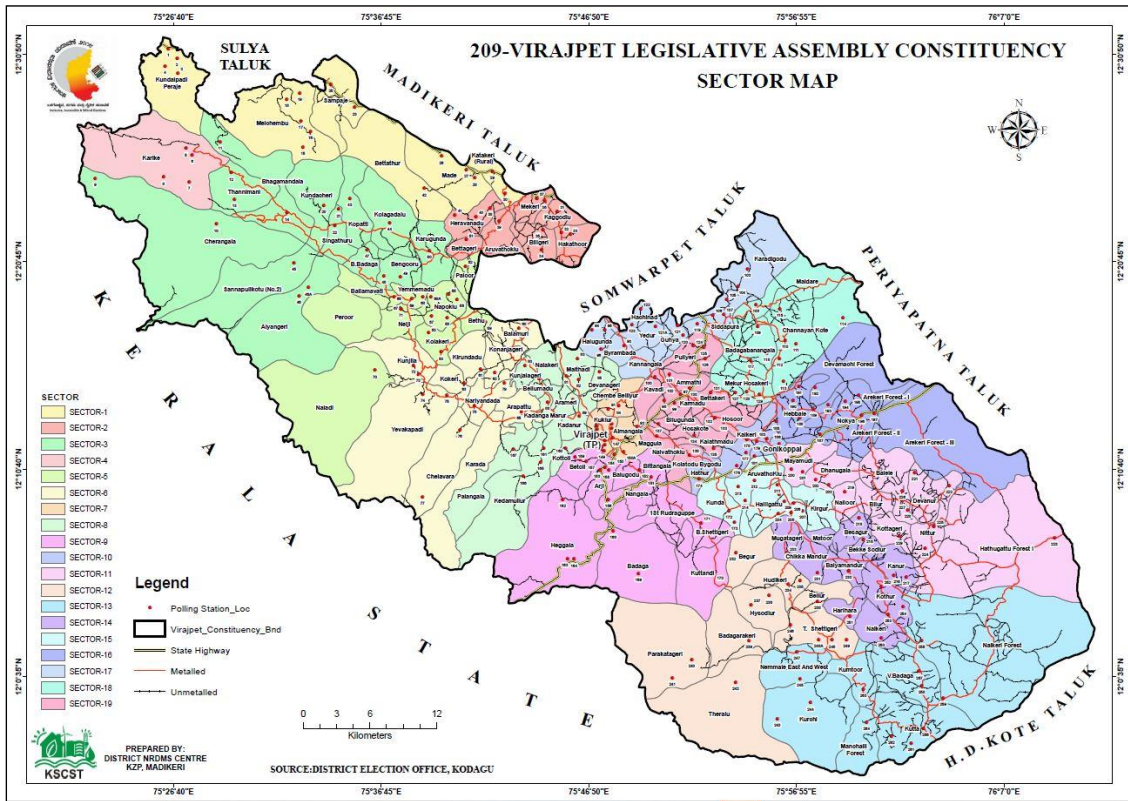
Principal Investigator : Mr. H. Hemanth Kumar
Budget : Rs. 218 lakhs
Funded by : RDPR, GOK.

The NRDMS centres established during 1993 have been providing geospatial data and services for a wide range of uses since inception and have seen steady growth in the requests for both data and services. The NRDMS program is continuously updating its datasets in diverse fields with an increasing set of application requirements. Application domains include, for example, public health and education, environmental analysis and mapping, transportation, water quality/quantity, watersheds, elections, disaster planning and management, and administration and planning.

Progress:

- ✓ The projects personnel of district NRDMS centres acted as nodal officers by the district election authorities and completed the IT related tasks during the Assembly elections – 2018. The staff trained officials involved in election related activities in the preparation polling station booths and its jurisdiction. Google maps were used extensively to prepare polling station information along with name & description and in some cases geotagged photographs. On an average such maps are being prepared for 2500 polling stations in each district. The centres also prepared a variety of maps pertaining to sector, route, polling station type etc.





✓ Presentation made to delegates of the NIRD&PR-CIRDAP International Training Programme on “Geo-spatial Information Management in Rural Development” at Bangalore on 27/07/2018.

- ✓ The Council published Status of Primary School of Karnataka using Census 2011 data in June, 2018. Now an effort is being made to correlate this information with DSE data. Once complete the Primary School ATLAS will enable the planners to take suitable decisions based on enrolment, PTR etc.
- ✓ Organised Basic FME training at KSCST training centre on 28th and 29th June, 2018 14 Jun 2018 to the representatives of SOI, FSI, MoSPI, KSRSAC and NSDI. The FME software is now accessible as a common facility from NSDI server, New Delhi for access and development of standards-based services.
- ✓ Organised advanced FME training at KSCST training centre on 07th and 08th August, 2018 to the representatives of SOI, FSI, MoSPI, KSRSAC and NSDI. The FME software is now accessible as a common facility from NSDI server, New Delhi for access and development of standards-based services. Use of FME by participating agencies started through remote access.
- ✓ Acted as resource person for the Training Programme on Remote Sensing and GIS Applications for Water Resources Management July 30 – Aug 11, 2018 organised by Civil Engineering Department of IISc.
- ✓ Participated in a 3-day long Training-cum-Review Programme of Spatial Data Infrastructure (SDI) activities/ nodes of NSDI partnering agencies at IIT Kharagpur on 16-18 May 2018. Training was provided on "Provision of Data and Application Services (WFS/ GML/ WPS) using Geospatial Cloud".
- ✓ As an Expert member, participated in the third meeting of the NSDI Technical Working Group on “Spatial Data Content and National Data Registry (SDC & NDR)” on 25th April 2018 at NSDI, New Delhi.