Department of Electronics and Information Technology
Ministry of Communications and Information Technology
Government of India

Digital India
Power To Empower

Digital India

Workshop on Geo-Informatics

by **U.P., SeMT**

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Progress of U.P. in Implementing GIS based Decision Support Systems (DSS)

Sl. No	Name of the Owning State Department	Name of the Implementing Agency	Implementation Area <e.g. Agriculture, Natural Disaster, Forest, Aviation, Mining, Infra., Health etc.)
1.	PWD	NIC & PWD jointly	Road Network for whole UP categorized as NH,SH,DR,ODR and VR
2.	SWSM	SWSM, WSSO, UP Jal Nigam and NIC	Location of all drinking water sources along with water quality parameter for safe drinking water for whole state.
3.	CEO-UP	NIC	Poling station mapping for whole state and linked with EPIC No.

UP GIS Implementation Stage

- Individual Departments have put efforts on different layer generation time to time. Therefore, time and again same effort is being done for same kind GIS data generation.

- Yes, in 2009 web based GIS framework called 'SRISHTI' was launched by NIC-UP to integrate all spatial and non spatial data from all the departments using open source.

- Yes, http://gis.up.nic.in:8080/srishti was launched with NRIS data available for whole state.

UP GIS Implementation Stage

- NRIS Layers are as follows:
  - Rail track
  - All kind of roads
  - Canal
  - Forest cover
  - Drainage ……………and many more …………
- 'SRISHTI' is being provided for concept building and application hosting for different department by NIC-UP.

GIS Plans / Goals of the State

- Cadastral Mapping is going on and need to georeferenced

- Rural Road Network is being developed.

- Amenities location data such as schools, hospitals, mandis, etc. will be collected.

- Water quality index maps will be generated from drinking water sources data.

Support Desired from DeitY

- DeitY support to GIS based governance be provided for the following.
  - GIS infrastructure in terms of Systems
  - Capacity building spatially on open source platforms.
  - Support in data collection
  - Support in application development

Thank You