



Map India 2010

19 - 21 January at Epicentre, Gurgaon, India

Shrishti - An approach for the dissemination of Geo-Information to the planners and community

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Abstract: *Thousands* of MIS reports and data (non-spatial) are being collected from various Departments for planning and monitoring *purposes*. Due to voluminous data collection and *the problem* of spot verification, similar data is being reflected *every year* as the part of routine jobs. Lot of spatial data for administrative boundaries (district, block, village, etc.) is also being generated *in isolation* by different departments. It leads to *the generation of* different datasets of the same theme such as District, Tehsil/Talluk and Village boundaries with different coding pattern and attributes. At the state level there was no common layer (spatial data for boundaries) with standard codes, which can be integrated with non-spatial data available with different department.

Now we are entering in to an era where MIS alone can not help *much* in better monitoring of developmental schemes and *plans*. Rather, there is a need of integration of MIS with GIS, *which would result in* quick and legitimate decision making. It is obvious that *information of* several pages can be well understood by one map or graph on a single page. It *was* also felt that developmental activities and plans can be well executed, if *the* target group is well aware of it.

An effort has been put *forward* to develop a web based GIS framework with the objective of integrating non-spatial data of different department with common spatial data of about 1.07 lakh village boundaries of the state *which* will help in generating various thematic maps, overlaying various layers such as roads, canals, rail, etc. *Also, with this, the planners and policy makers can take better decisions* timely by querying and seeing facilities on the map *up* to the village level. Since, village is the smallest unit as a polygon in a map which is well associated with standard coding patterns and which can create various level maps such as District, Division or State maps, which

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reduces time for regeneration of maps. Many more applications are being integrated with this frame work by state govt.

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