

Session Title: Seminar on GIS in decision making.

Session coordinator: Shri. T. Samdup, Dy Dir, DIT, Govt of Sikkim

Date: 17th September 2009

Venue : Conference Hall, Chintan Bhavan

Schedule Time : 12:15 PM – 1:15 PM

Session Chaired by : Shri. M.L Arrawatia , Commissioner cum Secretary, Science and Technology, Govt of Sikkim

**Presentation By: Shri. Bala Subramaniam, Vice President, Quantum Asia Pvt. Ltd,
Hyderabad.**

Shri L.P Sharma,PSA, NIC, Gangtok, Govt Of India

Target Audience

- District Collectors.
- Officials of Planning division of various departments
- Officials of DPER and NECA Department.
- Block Development Officers.

Proceedings of the session

Seminar on GIS (Geographical Information System) in decision making was held at Chintan Bhavan, Gangtok, Sikkim which was chaired by Shri. M.L Arrawatia, Commissioner cum Secretary, Science and Technology, Govt of Sikkim. The presentation was given by Shri. Bala Subramaniam on a GIS based project ILMAP (Integrated Land Management and Administrative Planning) which has been developed by Quantum Pvt. Ltd. for the State of Sikkim.

Brief Summary of Discussion and Outcomes

- GIS for decision making at all levels, specifically for East and South district of Sikkim, integrated approach using latest technologies and instrument like DGPS for accurate measurements.
- Ortho- rectification and Geo-Referencing process, how it affects the final output if not done precisely.
- The accessibility of ILMAP by the BDOs and other Dept personnel over the internet by having a common data center, where they can update and rectify their own fields of concern.
- Basics on how to use Arcmap which is the basic software for GIS should be given to all the concerned persons for example BDOs to familiarise themselves with the software so that they can be acquainted with the software by the time they start updating the data.
- The use of GIS tools should be implemented through Departments like IT, NIC and RMDD
- The implementation of GIS should be planned at grass root level.
- Instead of using the internet as the medium of accessibility of ILMAP, separate CDs should be provided for different clients because internet connectivity is very poor in Sikkim and may take much time in downloading the GIS based raster images.
- Capacity building is very necessary before the application is launched.