
The above seminar was held during November 29-30, 2010 at the Department of Applied Geology, Dr. H.S. Gour University, Sagar.

The inaugural function was presided by Prof. N. S. Gajbhiye, Vice-Chancellor, H.S. Gour University, in his address, he stressed the importance and application of geoinformatics for solving many diverse range of problems of national interest. The Chief Guest, S. K. Jha, Joint Chief Hydrographer, Dehradun, gave a detailed talk on planning and management of coastal zone and bathymetric mapping for exploration and exploitation of natural resources and fisheries. The Guest of Honour, P. S. Parihar, Additional Director, A.M.D, Hyderabad, highlighted the role of geoinformatics in uranium exploration – retrospect and prospects. In the special session, Prof. V. Subramanyan, IIT, Mumbai, delivered the keynote address on some significant applications of geoinformatics. Prof. Arun K. Shandilya, Head, Applied Geology gave the welcome address. Dr. Rajendra K. Rawat, convenor of the seminar introduced the guests, delegates and alumni about the main theme and aims of the seminar and he urged that the geoinformatics can be applied to solve many diverse range of problems. On this occasion, a souvenir was released. Vote of thanks was given by Dr. R. K. Rawat at the end of inaugural function.

The presentations were made in three technical sessions. The key paper in first session was presented by A. K. Chaturvedi, on integrated geophysical and geological modelling of Mohar cauldron using GIS for Iron Oxide Breccia Complex (IOB) type mineralization, Bundelkhand massif. Prasun Kumar Gupta, spoke on the need of space based data dissemination system (GEONETCAST) in Indian scenario. T. Thomas, delivered a talk on land capability based sustainable development and management in sonar basin. M.K. Ojha, presented his work on the necessity of modern geoinformatics in national development. R.N. Tiwari, delivered a talk on land capability based sustainable development and management in sonor basin. M.K. Ojha, presented his work on the necessity of modern geoinformatics in national development. R.N. Tiwari, presented a paper on application of GIS in morphometric analysis of Pakariyar river basin. N. K. Dutta, Chairman concluded the session and emphasized the importance of geoinformatics in planning and management of natural resources for sustainable development.

In the second session S.P. Singh, spoke on application of geoinformatics in identification of caution diversion of roadways network and its impact on forest land cover. T. Thomas, presented his work on geomorphological based sediments production rate (SPA) model for prioritization of watersheds in Noradehi Wild Life Sanctuary (NWLS). Pradeep Jain, spoke on delineation of groundwater potential zones through remote sensing techniques in Barren river basin, Chhatarpur.

In the third session, Ashok K. Sharma, spoke on water resources and power potential in the mountainous state of Sikkim. Sandeep Soni, presented his work on landslide hazard zonation map of Joshimath to Badrinath area using remote sensing and GIS techniques. Preetesh Pyasi, presented his work on coal fire assessment in Jharia coal field, measures to prevent it and methods to stop it. He also presented another review article on image forming techniques using various types of cameras through poster presentation.

R.K. Rawat presented the report and urged the delegates, participants and users to utilize and popularize this space based technology for surveying and mapping. He also proposed to include this branch in curriculum of their university, colleges and institutes.

The valedictory session marked the closing of two days seminar.