

**Report of the National Seminar**  
On  
**Geospatial Technology & Regional Development**

18-19 February, 2017

Organized by

Department of Geography, D.D. U. Gorakhpur University, Gorakhpur

Agriculture faces many challenges today, including climate change, depleted land quality, water shortages, poor water quality and economic pressures. Farmers, however, do now have greater access to computational and geospatial tools that can also at least help mitigate some of these challenges. Geospatial technologies include global navigation satellite systems (GNSS) such as the global positioning system (GPS), geographic information system (GIS) and remote sensing. Geospatial technologies can provide accurate, current location based data for use in disaster management. Indeed, the use of geospatial technologies in disaster management is a natural fit because location is a key element of disaster management. Technologies used today include GPS tracked monitors that help record information including weather, soil quality, crop progress or even livestock related data.

The inaugural session of the seminar was held in Samvad Bhawan on 26.02.2017 at 10:30am to 12:00 noon. The Chief Guest of the inaugural function was Prof. S.K. Sharma, a noted geographer Former Head, Department of General & Applied Geography and Former Director, Population Research Centre, Dr. S.H. Gour Central University, Sagar (M.P.). Inaugurating the National Seminar, Prof. Sharma told the theme is very relevant for regional development. Prof. Sharma told human development as the main goal of regional development and said that there are more inequalities in it at the regional level, where on the other hand states like Punjab, Haryana and Kerala are moving towards continuous development, whereas states like Jharkhand, Orissa and Chhattisgarh have resource abundance. Despite this, the expected development has not happened. In such a situation, our geospatial technology is particularly effective, in which area wise development and geographical reality can be known through remote sensing, GPS & GIS etc. can go. Presiding over the function Prof. J. Singh, Former Head, Department of Geography, Former Dean, Faculty of Arts, D.D.U. Gorakhpur University, Gorakhpur and Former President of National Association of Geographers India (NAGI) emphasized the need for generation of renewable energy, their use and technological development. At this occasion the Convener of the Seminar Prof. Nutan Tyagi delivered about the key issues of seminar and welcomed the delegates and guests.

Three Special Lectures were held in this National Seminar and three Technical Sessions were conducted in which about sixty research papers were presented. About 200 people from the states of Uttar Pradesh, Madhya Pradesh, Bihar, Uttarakhand, Tamilnadu etc participated in this seminar. In which Prof. S.K. Sharma, Prof. P.S. Tiwari, Prof. Nandeshwar Sharma, Prof. V.N. Sharma etc. were present as resource persons.

The concluding session valedictory function was organized on 19.02.2017 from 02:30 pm to 04:00 pm. The Chief Guest of this session was Prof. P.S. Tiwari, Former Head, Department of Geography, Madras University, Chennai and Former President of National Association of Geographers India (NAGI) and Guest of Honour was Prof. Nandeshwar Sharma, Former Head, Department of Geography, L.N. Mithila University, Darbhanga (Bihar). Prof. Tiwari pointed out that the selection of geospatial techniques for the development of different areas should be in accordance with the geographical and human characteristics. It is not possible to develop all the areas with the same technology. In recent years, the population of urban areas has increased rapidly, so equality of representation for development and consciousness of representatives is also very useful for regional development. Prof. Sharma said that along with the intellectual development of human beings there is a change in technological development as well. At present regional development has resulted in integrated development as well as inclusive development. Presiding over the function Prof. Ashok Kumar Shrivastava, Dean, Faculty of Arts emphasized the Geography is the science of studying spatial features. It has special importance in the economic and regional development of the country.

**(Prof. Shiva Kant Singh)**  
Head, Department of Geography  
D.D.U. Gorakhpur University, Gorakhpur