

INDIAN SOCIETY OF GEOMATICS (ISG)
NATIONAL GEOMATICS AWARD FOR INNOVATIVE APPLICATIONS - 2009

CITATION



Shri Tej Pal Singh is currently Director, Bhaskaracharya Institute for Space Applications and Geo-informatics (BISAG). He did his Masters Degree in Physics from Meerut University, Meerut and joined Space Applications Centre (ISRO) in 1976. Since then he held many positions and contributed significantly in the application of RS and GIS techniques in land use mapping, wasteland mapping, watershed development etc. He has worked as a Team Leader for 'National Wasteland Mapping for Gujarat state' on 1:50,000 scale.

He has developed RS and GIS based methodologies for generating land and water resources development plans under Integrated Mission for Sustainable Development (IMSD) project. He has also demonstrated the technology at grass root level for implementing land and water resources action plans.


He has been instrumental in establishing RESECO in Gujarat state as the state nodal agency for Remote Sensing and Communications which was later renamed as BISAG. His effort has led to the operational use of geomatics by all the line departments of Govt. of Gujarat for taking decisions in their day to day work.

He has played a major role in the development of standalone GIS software called 'Pragati', cadastral mapping of entire state, energy and infrastructure maps of state, disaster mitigations maps etc., He has excelled in human resource development i.e. training of a large number (approx 2000) of science and engineering graduates which will be a record for any state in India.

The work carried out by him has made an impact in many applications in the state of Gujarat. For example, the wasteland maps were used by state government for site selection. Under his leadership BISAG has emerged as an important nodal agency of state with wide referral and providing mapping and decision support as well as the tele-connectivity in the state. Low cost indigenous software 'Pragati', developed by BISAG has saved considerable resources of state government and has given philip to other such developments. Contributions of BISAG, under the guidance of Shri Singh have strengthened the e-governance in the state. and setting up a communication network for tele- education across the state.

IN RECOGNITION OF HIS OUTSTANDING CONTRIBUTIONS IN THE FIELD OF DEVELOPING RS AND GIS BASED METHODOLOGIES FOR NATURAL RESOURCES MANAGEMENT, WATERSHED DEVELOPMENT, SETTING UP OF COMMUNICATION NETWORK FOR TELE-EDUCATION, DEVELOPMENT OF LOW COST PRAGATI GIS PACKAGE AND HIS EFFORTS IN STRENGTHENING THE E-GOVERNANCE IN THE STAFF OF GUJARAT, **INDIAN SOCIETY OF GEOMATICS CONFERS THE NATIONAL GEOMATICS AWARD FOR INNOVATIVE APPLICATIONS FOR THE YEAR 2009 ON SHRI TEJ PAL SINGH.**

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Ahmedabad – 380 015



(R.R. Navalgund)
President, ISG.