

# INDIAN SOCIETY OF GEOMATICS



## National Geomatics Award : Applications

### CITATION

Shri V. Tamilarasan born in Melanikuli in Ariyalur District of Tamilnadu State, on 15-February-1948, obtained his M. Sc. Applied Geology (1972) from IIT - Roorkee. He joined Space Applications Centre (ISRO), Ahmedabad in August, 1976 and worked on various applications of Remote Sensing for geological / hydrological applications. He worked as Project Manager, Rajiv Gandhi National Drinking Water Mission, Kachchh Development Project, Coastal Zone Studies, IMSD and Water Quality Studies and currently he is engaged as external expert for quality checks at National Remote Sensing Center, Hyderabad.



Shri V. Tamilarasan during his professional career of more than 30 years at the Space Applications Centre, has significantly contributed to the broad area of applications of Geomatics to natural resources inventory, conservation and development in different disciplines. Development of methodology for application of remote Sensing and GIS techniques for the preparation of ground water prospect zones in both hard rock and alluvial areas has been an outstanding piece of work. He was responsible for preparation of a detailed technical manual, generation of actionable maps and in translating the results available to the siting of successful borewells in different parts of the country. Equally important contributions made by Shri V. Tamilarasan are in the application of remote sensing and GIS techniques in watershed development programmes, as part of the Integrated Mission for Sustainable Development. He contributed to the application of geomatics not only to the prioritization of the watersheds but also to the generation of development plans and their actual implementation in some of the micro watersheds. He also developed a method for monitoring the success of these programmes using satellite data in GIS environment. Shri Tamilarasan contributed to the 'coastal zone study', a national level project sponsored by the Ministry of Environment and Forests as well as in the generation of the land and water resources plans for the district of Kachhch, Gujarat which was affected by the 2001 earthquake.

As a founder member, Shri Tamilarasan contributed to the growth of the Indian Society of Geomatics particularly in its initial stages through his managerial skills as well as team building abilities. In addition to his professional contributions to the field of geomatics applications as well as to the growth of the Society, his contributions in providing professional training to a large number of young remote sensing and GIS professionals working in various state level agencies as well as in universities and many Central Government organizations are praiseworthy.

Shri Tamilarasan has made a great difference to the applications of geomatics in the country. He is an outstanding scientist, an excellent team leader, unassuming person and has been a strong mentor to several young people working in Geomatics.

**In recognition of his outstanding contributions towards applications of geomatics in the country in general and for ground water exploration in particular, Indian Society of Geomatics confers the National Geomatics Award for Applications for the year 2011 on Shri V Tamilarasan.**

**(N.S. Mehta)**  
Secretary, ISG

**(Shailesh Nayak)**  
President, ISG

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**Bhagalpur**