

Seminar Report 'OGC standards for Sensor Networks'

A seminar on theme 'OGC standards for Sensor Networks' was held on 11 April 2008. It was organised by Centre for the study of Regional Development with support of Department of Science and Technology, New Delhi (India). Over the period, Sensor Web Enablement has become a content development workflow for spatial data infrastructures (SDI's). Seeing its importance for generating information regarding earth process across various scales, there is need for understanding design prototypes of SWE in Indian scenario.

Sub themes were:

- A. OGC standards for sensor enabled systems/environment.
- B. Current trends in OGC based sensor network
- C. Case Studies/Applications for SWE
- D. Policy and standards issues

Objective of the seminar was to understand and to explore areas of participation in OGC related test bed standards, activities (OWS3, OWS4, and OWS5) and Sensor Web Enablement. Implementation of conceived/inclusive prototypes.

About 300 participants took part in this seminar. Institutional affiliations were Delhi University, NSIT, NPL, MRPC, NTRO, CSIR-Delhi, Kumaun University-Nainital, IIRS (NRSA)-Dehradun, TEHRI-Delhi, Rajasthan University, Jamia Milia Islamia University, IISc- Bangalore, IIT-Delhi, Jawaharlal Nehru University and Department of Science and Technology. Participants were of multidisciplinary in nature namely from computers, geography, community health and other disciplines of social sciences. In inaugural session, Dr. R. Shiva Kumar, Head-NRDMS, DST presented inaugural lecture on OGC activities and its requirement for global observation of climate as well as local events. Chair of inaugural session Prof. B.B. Bhattacharya, Vice-Chancellor, JNU, emphasized on how space technology is exploring unknown locations and their economic significance. Prof. R.K. Sharma welcomed the guests and participants of the seminar.