



GEOSPATIAL
TECHNOLOGY SEMINAR

22 October 2021, Courtyard, Marriott B

Theme: *Building New India Leveraging Geo*

Strategic Partners

Industry Partners

State Government



Effective

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22 October 2021, Courtyard, Marriott Bhopal

Theme: Building New India Leveraging Geospatial Technology

Academic Partner

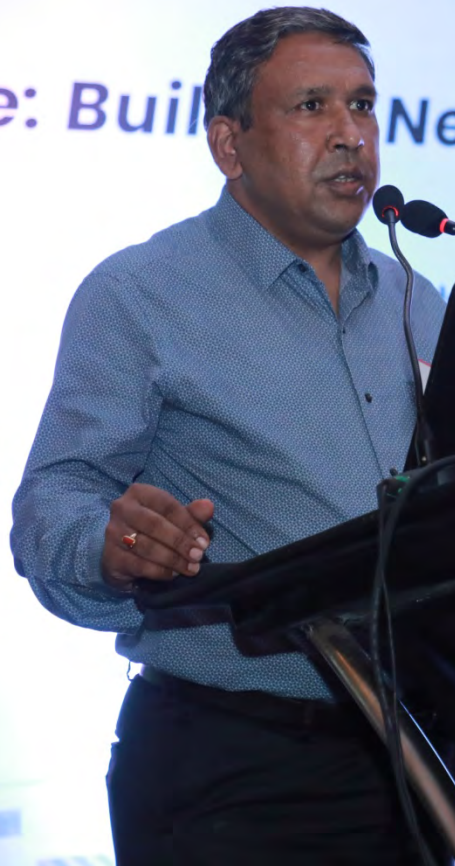
State Government Partner

Guest

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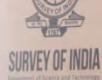


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TECHNOLOGY SEMINAR









SURVEY OF INDIA

Department of Survey and Technology

INITIATIVES

- National Hydrology Project (NHP)
- National Mission for Clean Ganga (NMCG)
- National Geospatial Database (NGD)
- National Geospatial Framework (NGF)
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SOI INITIATIVES

- 3D identification and design of the feasibility of using drones for 3D mapping.
- The introduction of cloud-based services for 3D mapping and visualization using the cloud-based services with the introduction of cloud-based services.

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KEY PROJECTS



National Mission for Clean Ganga
Government of India

The Central Government scheme to provide an integrated property validation solution for rural India and provide the 'record of rights' to village household owners possessing houses in inhabited rural areas in villages. 6,62,000 villages to be mapped using Drones over a period of 5 years. The project aims for creation of survey infrastructure and GIS maps that can be leveraged by any department for their use.

Project by the Ministry of Jal Shakti to improve the extent, quality and accessibility of water resources information and to strengthen the capacity of targeted water resources management institutions in India. The project will generate, prepare and provide various types of geospatial datasets i.e. mapping and preparing the 0.5 m Digital Elevation Model (DEM) for river basin areas and GIS ready data for around 8,00,000 sq. km for river basin areas, among other geospatial datasets.

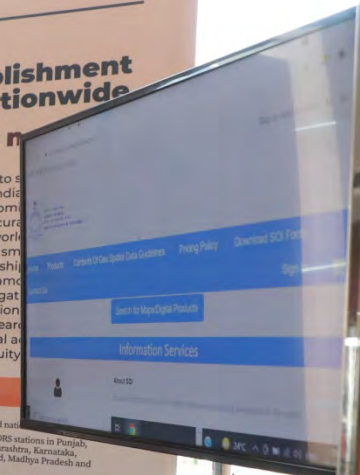
The national project by National Mission for Clean Ganga for effective abatement of pollution; conservation and rejuvenation of the national river Ganga through high resolution DEM and GIS ready database. The main pillars of the Programme are sewerage treatment infrastructure, river-surface cleaning, afforestation, industrial effluent monitoring, river-front development, bio-diversity, public awareness, and Ganga Gram.

Establishment of Nationwide CORS network

Project by SOI to establish positioning in India is rapidly becoming a method for accuracy across the world. The basis for any smart and other flagship great demand among surveying, navigation, mining, precision scientific research, greater positional accuracy and continuity.

SOI INITIATIVES

- Launch of scheme to build nationwide CORS network.
- Established around 405 CORS stations in Punjab, Haryana, Rajasthan, Maharashtra, Karnataka, Uttar Pradesh, Uttarakhand, Madhya Pradesh and part of Himachal Pradesh.
- CORS Control Centre established. Online positioning services to be offered to users.
- Innovative partnerships with various government agencies and technology providers for fast and efficient execution of the CORS network.



Survey of India



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