

## Background

Geospatial Information Science and Engineering(GISE) Hub at IIT Bombay is a multidisciplinary effort to achieve multiprong objectives of capacity building, research and development of geospatial solutions, educational outreach and innovation in the core development sectors. It is also mandated to promote the use of Free and Open Source Software as well as Open data. GISE hub has been funded by the Department of Science and Technology, Government of India.

National Spatial Data Infrastructure (NSDI) India under the Department of Science and Technology, the Government of India is mandated to enable and promote the shared use of geospatial data in various agencies of the Government of India and various State Governments through respective state SDIs. Together with the National Geospatial Program (NGP), NSDI India promotes the advancement of geospatial data sciences and technology development as well as the expansion of the geospatial marketplace in India, in accordance with the recent National Geospatial Data Policy.

## Enabling Geospatial Solutions for the Nation

Geospatial technologies are critical for the sustainable development of the nation in the context of the multiple UN development goals as well as for creating economic opportunities in the knowledge economy. In this regard it is important for governmental agencies- centres as well as states, industry and academia to work collaboratively in order to identify and formalise problems, gather relevant data, conduct research, build solutions, and finally, deploy these through innovative business models. There is also the need to strengthen the capabilities of the Indian geospatial professional and to place him/her in various planning and analysis roles across several sectors.

The first **NSDI India - GISE Hub** conclave is designed to bring together different members of governmental agencies, academia and the geospatial industry to discuss problems and their solutions in four priority thematic areas, viz., Water, Transport, Urban Development, and Disaster Management. These are sectors that require the development and deployment of innovative geospatial technologies, relevant data as well as

engagement mechanisms, to address the challenges faced therein. Academic institutions will participate in these discussions as well and thus reinforce capacity building for the above agencies by using project-based learning and aligning research projects to deal with the identified challenges. Non-governmental organisations, entrepreneurs and students too are encouraged to participate in the discussions.

The conclave will be **organised in hybrid mode** and will bring together geospatial technologies experts with a single objective - to build solutions for pressing problems. **While in-person participation will be invitation-only**, online participation will be open to all registered delegates.

## Venue


The In-person session will be conducted in VMCC Building in IIT Bombay, Mumbai 400076.

For Online Session: The details will be shared at a later stage.

## Tentative Schedule of Conclave

Time	Topic
9:30- 10:00 hrs	Registration confirmation and tea
10:00 - 10:30 hrs	Inauguration
<b>10:30 - 12:30 hrs</b>	<b>Industry talks (3 slide presentations)</b>
10:30 to 11:00 hrs	Consultants
11:00 to 11:30 hrs	Data Providers
11:30 to 12:00 hrs	Technology Providers
12:00 - 12:30 hrs	System Integrators
<b>12:30 - 13:30 hrs</b>	<b>Lunch</b>
<b>14:00 - 16:30 hrs</b>	<b>Round Table Discussions on 4 sectors</b> <ul style="list-style-type: none"><li>• Water resources</li><li>• Disaster Management</li><li>• Transportation</li><li>• Urban Management</li></ul>
16:30- 17:00 hrs	Closing

## Address for communication:

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### NOTE:

Participants from academia are invited for collaborative discussions on 14th June.



**GISE** | Geospatial Information  
HUB | Science & Engineering



One-day Conclave for

“Government - Industry-Academic  
Collaborations towards Geospatial Solutions”  
*Innovative engagements to help deliver  
development to the people*

**June 13, 2022**

Conducted by

**IIT Bombay**

