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GLOBAL SKILLING

# About Geo-Space Bharat 2025

Geo-Space Bharat 2025 is poised to be a transformative event, focusing on the future of the geospatial and space sectors in India. It aims to bring together a diverse audience, including industry leaders, government officials, researchers, and startups, to discuss the latest advancements and opportunities within these fields. The event will feature a lineup of esteemed keynote speakers who will share their insights on the evolving landscape of geospatial technology and its critical role in national development. Engaging panel discussions will cover essential topics such as satellite technology, remote sensing applications, geospatial data analytics, and their implications for sectors like defense, agriculture, urban planning, and disaster management. These discussions will highlight the importance of integrating geospatial intelligence into various applications to enhance decision-making processes. In addition to insightful dialogues, the event will host exhibitions where companies and organizations can showcase their latest innovations, fostering an environment of collaboration and knowledge sharing. Workshops and training sessions will be conducted to equip participants with practical skills in emerging technologies, ensuring that the workforce remains adept and competitive. The culmination of the event will be an awards ceremony that recognizes exemplary contributions and innovations in the geospatial and space sectors, celebrating the achievements of organizations and individuals who are pushing the boundaries of technology. By promoting collaboration, driving innovation, and encouraging the adoption of geospatial technologies, Geo-Space Bharat 2025 aims to address national challenges effectively while positioning India as a leader in the global geospatial and space arena.





#### **Geospatial Industry : Market Size**

#### **Indian Geospatial market**

India's geospatial economy is expected to reach Rs. 63,000 crore (US\$ 7.67 billion) by 2025 at a growth rate of 12.8%, and is also expected to provide employment to more than 10 lakh people mainly through geospatial start-ups

#### **Global Geospatial Market**

Geospatial Market Size was valued at USD 96.26 Billion in 2023. The Geospatial market industry is projected to grow from USD 105.06 Billion in 2024 to USD 211.54 Billion by 2032, exhibiting a compound annual growth rate (CAGR) of 9.1% during the forecast period (2024 - 2032).

Geospatial, growing demand for location-based services and rising need for spatial data analysis in various industries are the key market drivers boosting the growth of the Geospatial market. As per Analyst at MRFR, "the rising adoption of Geographic Information System (GIS) technology across sectors such as urban planning, transportation, agriculture, natural resource management, and disaster management. GIS enables organizations to capture, store, analyze, and visualize spatial data, empowering them to make informed decisions, optimize operations, and enhance efficiency."



### **Space Industry : Market Size**

#### **Indian Space Market**

Indian Space Sector was valued at USD 9.6 Bn in 2020, contributes 2%-3% of the global space economy. The size of the sector is expected to reach USD 13 Bn by 2025, and by 2030 India further aims to capture a larger share of close to 10% of the global economy.

#### **Global Space Market**

The global space launch services market is projected to grow from \$14.21 billion in 2022 to \$31.90 billion by 2029, at a CAGR of 12.25% in forecast period.

#### **Opportunities in the Indian Space Sector**

India contributed 2.1% to the global space industry economy in 2020, amounting to US\$ 9.6 billion, with a contribution of 0.4% to the country's gross domestic product (GDP)

# **Exhibitor Profile : Geospatial**

Aerial Photography Augmented Reality Cartography Data & Cloud Management Digital Terrain Analysis Earth Observation & Satellite GIS Software & Services Global Navigation Satellite System (GNSS) Ground Penetrating Radar Indoor Mapping Instrumentation & Automation Light Detection and Ranging (LiDAR) Mobile Mapping

Instrumentation & Automation Light Detection and Ranging (LiDAR) Modelling & Visualisation Optical Photogrammetry & Remote Surveys Radar Remote Sensing Satellite Image Surveying Surveying Instruments & Services Synthetic Aperture Radar Topographic Surveys Virtual Reality

### **Visitor Profile : Primary Sector**



### Visitor Profile : Job Titles

Architects

Cartographers / Photogrammetrists CEOs / Directors / Business Owners Consultants Data Analysts **Department Heads Developers / Programmers Engineers / Technicians GIS** Specialists Landscape Architects Infrastructure & Construction **Professors / Lecturers Project Co-ordinators** Researchers / Scientists Senior Managers / Managers Solutions Architects / Systems Integrators Students Surveyors / Valuers Venture Capitalists / Investors

## Visitor Profile : Secondary Sector

Coastal & Inshore Navigation Emergency Services Heritage Manufacturing Defence Oil & Gas Road & Rail Smart Mobility Water & Waste



# **Key Visitor Sector**

Aerospace & Defense Aviation Geospatial Mining Telecommunications Transport C-level and senior management Purchasing and procurement

#### Engineers Analysts Space scientists Military Government officials Electricians Technologists Academics

# **Exhibitor Profile : Space**

The Space Sector at Geo-Space Bharat 2025 will bring together leading organizations, startups, and research institutions pushing the boundaries of space exploration and technology. This platform will highlight pioneering advancements in satellite systems, launch services, space exploration, communication technologies, and more, shaping the future of the space industry.

#### Satellite Manufacturers & Operators:

Design and operation of satellites, including smallsats and CubeSats for communication, Earth observation, and research.

#### Launch Service Providers:

Offering launch vehicles and reusable technologies for satellite deployment into orbit.

#### Space Exploration & Research:

Agencies and companies leading planetary missions, space robotics, and deep space research.

#### Satellite Communication & Broadband:

Providing global connectivity solutions via geostationary and low-Earth orbit satellites.

#### Space Infrastructure & Habitat:

Innovations in space habitats and infrastructure for long-term missions and tourism.

#### **Ground Control & Mission Support:**

Advanced ground stations and mission control systems for satellite management.

**Space Robotics & Autonomous Systems:** Robotics for space exploration, satellite servicing, and debris removal.

#### **Rocket & Propulsion Systems:**

Developers of chemical, electric, and hybrid propulsion technologies.

#### Space Tourism & Commercial Spaceflight:

Companies offering civilian space travel and suborbital flights.

#### **Space Debris Management:**

Solutions for mitigating space debris and ensuring sustainable space operations.

#### Space Law & Regulation:

Experts in space governance, laws, and international regulations.

#### Space Mining & Resource Utilization:

Asteroid mining and in-situ resource utilization technologies.

#### Satellite Data & Analytics:

Firms offering satellite data insights for industries like defense and agriculture.

#### Space Medicine & Life Sciences:

Research and solutions for human health in space environments.

#### **Innovative Space Startups:**

Cutting-edge startups advancing space technologies such as nanosatellites and space habitats.

# **Geo-Space Bharat 2025 : Participation Details**

### Standard Walk On



### Facilities

1 Table

- 2 Chairs
- **3** Spotlight
- **1** Power Socket
- 1 Trash bin
- Tea/Coffee & Lunch for 2 pax

### **Premium Walk On**

### Facilities

1 Table 2 Chairs 3 Spotlight 1 Power Socket 1 Trash bin Flex Posters for 3 walls Tea/Coffee & Lunch for 2 pax



**Bare Space** 



Facilities

1 Power Socket for 9 Sqr Mtr Each

Electricity as per requirement

Tea/Coffee & Lunch

#### Trade Promotion Council for Geospatial and Space Industry (TPCGSI),

Founded in 2019 amidst the global lockdown due to the pandemic, stands as a testament to resilient and effective leadership. Swiftly incorporated as a Section 8 organization, TPCGSI has, in just a few short years, gained widespread recognition and acceptance by industries globally.

Our mission revolves around advancing geospatial and space technologies, providing a robust platform for the exchange of ideas, techniques, and experiences. With a primary objective to accelerate the adoption of these technologies in India, we strive to ensure that the government, industry, academia, and society comprehend the industry's needs and contributions to national development. Recognized by both the government and industry, TPCGSI is a catalyst for the growth and development of the Geospatial and Space Industry. Headquartered in New Delhi, with its satellite offices in other Metro cities in India and Outside India, and with also key affiliates globally, we serve as a powerful industry advocate.

Our initiatives encompass organizing exhibitions, conferences, training sessions, and workshops, along with policy representation, marketing support, technology initiatives, and publishing industry-related information. Through unwavering policy advocacy efforts, we have established ourselves as a potent voice within government corridors, believing that technology is the cornerstone of economic growth. Join us in shaping the future of the Geospatial and Space industry

## **For Further Information**

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Trade Promotion Council for Geospátial & Space Industry भू-स्थानिक एवं अंतरिक्ष उद्योग व्यापार संवर्धन परिषद Accelerating the Adoption of Geo-Space Technology

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