

# **GeoInfra: Building Intelligent Infrastructure**

**8-9 February, 2012, Epicentre, Apparel House, Gurgaon, India**

<http://www.indiageospatialforum.org/2012/ginfra.htm>

## **Introduction:**

As the developing nations face unique challenges with the design, construction and operations of existing as well as new infrastructure, various advanced technologies gain importance to develop the cities and bring in efficiency in the work. Geospatial technology is one of the key enabling technologies being used in overall planning, deployment, delivery, maintenance, and management of the infrastructure. It is important for infrastructure managers to constantly evaluate the evolving technology options in order to implement the right solutions. The swift advancement and the evolution of the geospatial technology has transformed its usage across various verticals in India. The need and intricacy to effectively manage India's infrastructure has become a priority for the government. To accomplish the set target, India's Planning Commission has projected an investment of \$1 trillion (nearly Rs 45 lakh crore) for infrastructure development during the 12th Plan (2012-17). For sustaining the current economic growth, there is a necessity to make available and provide the required infrastructure and for that, Geospatial technology is one only tool that would help in efficient and speedy development.

## **About GeoInfra:**

GeoInfra aims to focus broadly on the development aspect of Transport and Construction & Engineering and provide a clear picture of latest geospatial technologies and its applications. This conference will explore the complementary roles of government, private industry and the academic community in realizing better means for sharing geographic data and technologies to develop the infrastructure for meeting real world needs. It will identify the cutting edge technologies and integrated applications in efficiently delivering the services, assist in the formulation of appropriate strategies, and facilitate the development of interdisciplinary approach.

GeoInfra offers an opportunity to meet top government officials, architects, construction engineers, consultants and decision-makers in the infrastructure industry from all over India.

## **Objectives:**

- To provide a platform for informative and interactive sessions advancing geospatial infrastructure theory amongst the key personalities across various spheres like Government, Policy makers, Industrial leaders, Academia and Potential investors.
- To study the geospatial technologies used in construction and best practices in the sector.
- To enhance policy and regulatory framework in the infrastructure sector

- To find a way around to turn excruciatingly slow pace of infrastructure developments at the ground level
- To explore new potential geospatial technologies in infrastructure development
- To encourage Public Private Partnership in the process of developing world class infrastructure

**Discussion Points:**

- Basic and applied research in advancing geospatial infrastructure theory
- Concepts for technology enabled societies.
- Innovative methods in implementing geospatial concepts, components and systems in infrastructure development
- Development, design and digital mapping for various transportation verticals like roads, railways, aviation, highways, ports and maritime
- Intersection of Geospatial technologies and advanced web applications in construction and engineering frameworks
- Challenges and approaches to standardization of data and interoperability of systems.
- Policies supporting creation and responsible management of spatial data infrastructure resource
- Progress achieved by developing nations with the help of GIS technology in infrastructure development
- Experiences in developing spatial data infrastructure initiatives, projects and programs at the local & regional, national and global level

**Target Audience:**

- Senior Government Officials from Ministry of Railways, Ministry of Road Transport and Highways
- Government Policy Makers
- Geospatial Domain Experts
- Infrastructure Developers
- Academicians
- Geospatial Solution Providers
- Practitioners
- Geospatial Technology & IT Vendors
- Metro Rail Infrastructure personnel
- Airport Infrastructure Authorities
- Transport Operators Academic & Research Bodies
- Port Developers / Operators Road & Highways Developers
- Construction Equipment Manufacturers
- Suppliers Consultancy Organizations
- Civil Engineers and Contractors
- Surveyors
- Architects