

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 742
ANSWERED ON 04/02/2026**

NATIONAL MAPPING DATA

742. SHRI M K RAGHAVAN:

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether the Government has taken any steps to improve the accuracy, reliability, and real-time updating of national mapping data in collaboration with agencies such as Survey of India, ISRO, and private map service providers and if so, the details thereof; and**
- (b) whether the Government proposes to establish a national framework or policy for setting up sensor networks and advanced data-collection infrastructure similar to those adopted in developed economies to ensure precise mapping and navigation services and if so, the timeline for its implementation?**

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) OF THE
MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)**

(a) A network of 1145 Continuously Operating Reference Stations (CORS), which is capable of providing real-time positioning service with centimetre level accuracy, has been established in collaboration with Survey of India. High accuracy Geoid model for 10 states has been developed. A single authoritative Administrative Boundary Data Base (ABDB) has been developed in collaboration with Survey of India and Office of the Registrar General of India and Census Commissioner.

(b) The existing data acquisition, processing and dissemination infrastructure within the country is aligned with internationally accepted standards and best practices, such as those notified by Bureau of India Standards (BIS) and prescribed by International Organization for Standardization (ISO) and other global standard-setting bodies. This infrastructure is under continuous upgradation in accordance with evolving technologies and standards. In this context, National Geospatial Mission has been announced in the Union Budget (2025-26) to develop foundational geospatial infrastructure and datasets.