

GOVERNMENT OF INDIA  
MINISTRY OF RURAL DEVELOPMENT  
DEPARTMENT OF LAND RESOURCES

LOK SABHA

UNSTARRED QUESTION NO. 1205  
TO BE ANSWERED ON 03.12.2024

**Geo Stationary Mapping**

†1205. **Shri Ramvir Singh Bidhuri:**

Will the Minister of **RURAL DEVELOPMENT** be pleased to state:

- (a) whether the Government is taking any measures to ease the process of identification of land blocks by using geo-stationary mapping and other technologies, if so, the details thereof; and
- (b) whether such technology is being used in the villages of Delhi as well and if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF RURAL DEVELOPMENT  
(Dr. CHANDRA SEKHAR PEMMASANI)

(a) Under **DILRMP**, the Government has taken several measures to simplify and enhance the process of identifying land blocks/ parcels using advanced Geospatial technologies and other technologies such as **aerial mapping, high-resolution satellite imagery, Electronic Total Station/ Differential Global Positioning System (ETS/DGPS), etc..** However, **Geo-stationary mapping** is not directly used due to its low spatial resolution. **GIS-based platforms** are also employed by different States/UTs as per their requirement to improve accuracy and transparency in land records. In DILRMP, the following three methodologies are prescribed for survey/ resurvey;

- i. Electronic Total Station (ETS) + Differential Global Positioning System (DGPS)
- ii. Hybrid Aerial Photographs + ETS + DGPS
- iii. Hybrid High Resolution Satellite Imagery+ETS+DGPS (< 1 m spatial resolution)

(b) No Sir.

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