

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:4711
ANSWERED ON:22.04.2015
REMOTE SENSING
Reddy Shri Konda Vishweshwar

Will the Minister of SPACE be pleased to state:

- (a) the ways in which data collected from remote sensing Satellites are used; and
- (b) the details of the beneficiaries intended beneficiaries of the remote sensing data?

Answer

MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

(a) The data collected from Remote Sensing satellites are used in various applications including mapping, monitoring and management of natural resources, urban planning, infrastructure development, rural development, management of natural disasters, weather and climate studies. The ways in which the remote sensing data are used include (i) Generation of thematic maps (such as land use/land cover, forest cover map, ground water prospect map, etc.,) in conjunction with conventional data (ii) Generation of value added products and advisory services such as potential fishing zones, agricultural advisories, etc., and (iii) Analysis/ Modelling of data for Early warning of cyclones, Flood inundation mapping, land slide hazard zonation, etc.,

(b) The beneficiaries/intended beneficiaries of remote sensing data include (i) Departments under Central Ministries dealing with Natural Resources Management & Infrastructure Development (such as Ministry of Agriculture, Ministry of Environment and Forest and Climate Change, Ministry of Water Resources, Ministry of Urban Development, etc.,), (ii) Various line Departments under State Governments, (iii) Local bodies including Gram Panchayat, (iv) Non Governmental Organisations, (v) Private / Public Sector establishments and Academia.