

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:970
ANSWERED ON:08.02.2017
Land Sensing Satellite Data
Kachhadia Shri Naranbhai

Will the Minister of SPACE be pleased to state:

- (a) whether the Government has given any approval to Indian Space Research Organisation (ISRO) and Geological Survey of the United States of America (USGS) for cooperation in sharing of American Land Remote Sensing Satellite data;
- (b) if so, the details thereof; and
- (c) the manner in which ISRO and USGS will be able to use satellites of each other for sharing the information of common interest?

Answer

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

(a) Yes Madam.

(b) The Memorandum of Understanding (MoU) between Indian Space Research Organisation (ISRO) and United States Geological Survey (USGS) has been signed on July 09, 2016 for cooperation in the exchange and use of satellite remote sensing data. Under this MoU, USGS is facilitating availability of data of Indian region using American remote sensing satellites viz. Landsat-7 and Landsat-8 to ISRO. ISRO is facilitating availability of data of US region using Indian remote sensing satellite 'Resourcesat-2' to USGS.

(c) The sharing of each other's satellite remote sensing data provides enhanced frequency of earth observation data to both organisations. The AWiFS payload (onboard Resourcesat-2) enables USGS to acquire earth observation data every 5 days. The Landsat satellites enable ISRO to acquire multi-spectral earth observation data including thermal data. These data sets help both countries to carry out applications in the field of natural resources inventory & management and disaster management support.
