

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:4093
ANSWERED ON:18.08.2010
DISASTER MANAGEMENT ASSISTANCE
Singh Shri Jagada Nand

Will the Minister of SPACE be pleased to state:

- (a) whether necessary co-operation is extended by providing required information in all phases of disaster management under the Disaster Management Assistance Programme;
- (b) if so, the details in this regard;
- (c) whether effective steps are being taken in flood management at national level with a view to enlarge its role in minimising the flood fury and the losses caused therefrom;
- (d) if so, the details thereof;
- (e) whether the States in the Ganga basin will be equipped with information and security system where flood prone area extends to more than 24 million hectares; and
- (f) if so, the details thereof?

Answer

MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE, MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES & PENSIONS, MINISTRY OF PARLIAMENTARY AFFAIRS , MINISTRY OF SCIENCE & TECHNOLOGY AND MINISTRY OF EARTH SCIENCES (SHRI PRITHVIRAJ CHAVAN):

(a) Yes Sir.

(b) The Disaster Management Support (DMS) programme of Indian Space Research Organization (ISRO) provides information derived from satellite data and at times from aerial data, for management of natural disasters during different phases of the disaster cycle.

(c) Yes, Sir.

(d) Under the Disaster Management Support (DMS) programme, National Remote Sensing Centre (NRSC) of ISRO generates near-real time flood inundation maps for the major flood events in the country, using satellite data and at times aerial data. These maps are made available to the concerned central Ministries/ agencies as well as the State Governments for relief operations. Further, a detailed geospatial database with several layers of information that will help in planning long-term flood mitigation measures is also under preparation.

(e) Yes, Sir.

(f) On request from and in association with Government of Bihar, National Remote Sensing Centre (NRSC) of ISRO has developed and implemented a Flood Management Information System (FMIS) for Bihar State. Similar efforts are being planned for the other States in the Ganga basin.