

**GOVERNMENT OF INDIA  
MINISTRY OF EARTH SCIENCES  
LOK SABHA  
UNSTARRED QUESTION No. 1839  
TO BE ANSWERED ON WEDNESDAY, FEBRUARY 13, 2019**

**UPGRADATION OF FORECASTING TECHNOLOGY**

**1839. SHRIMATI SAVITRI THAKUR:**

**Will the Minister of EARTH SCIENCES be pleased to state:**

- (a) whether any proposal for upgradation of weather forecasting technology/equipment to more accurate prediction is under consideration;**
- (b) if so, the details thereof;**
- (c) whether it will have the facility of providing the timely information of likely damage due to weather to farmers; and**
- (d) if so, the details thereof?**

**ANSWER**

**MINISTER FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND  
MINISTRY OF EARTH SCIENCES  
(DR. HARSH VARDHAN)**

- (a) Yes Madam.**
- (b) It is being planned to further enhance the accuracy of weather forecasts and their effective & timely dissemination in the ensuing years. For this purpose, under the Umbrella Scheme entitled 'Atmosphere & Climate Research – Modeling Observing Systems & Services (ACROSS)', a sub-scheme has been planned viz., 'Upgradation of Forecast System'. The various components of this sub-scheme include
  - (i) Development of an advanced operational forecast system.**
  - (ii) Upgradation and sustenance of communication systems for weather services**
  - (iii) Capacity building & outreach etc.****

**As a part of the first component, it is being planned to have a Decision Support System to enable the weather forecasters to view and analyze huge volume of data and products efficiently within the given time frame, and decide the forecast and warning. A forecast & warning dissemination tool which will enable the inclusion of user friendly textual & graphical products as well as videos is also envisaged under this programme.**

**This along with further improvements in the observational network and numerical modeling capability as planned under ACROSS are also expected to increase the accuracy of weather forecasts.**

**(c) & (d)**

**The scheme is meant for the enhancement of existing facilities of early warning system including timely dissemination of user friendly impact based information to all users including farmers.**

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