

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION No. 3358
TO BE ANSWERED ON TUESDAY, JULY 23, 2019**

UPGRADATION OF WEATHER FORECASTING TECHNOLOGY

3358. SHRI M.P.VEERENDRA KUMAR:

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 Sir.**
- (b) It is 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 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) and (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.**
