

Earth System Science Organisation (ESSO) has been issuing tsunami early warning within 10 minutes of occurrence of earthquake in the Indian Ocean Region. Recognising the performance on issuing of Tsunami early warning, the ESSO - INCOIS centre has been recognised as the Regional Tsunami Service Provider for the Indian Ocean Region, by Intergovernmental Oceanographic Commission of UNESCO.

(b) Currently, a set of six tsunami buoys are working and transmitting data real time to data to the ESSO - INCOIS, Hyderabad. The data being obtained from a number of observational networks, such as, Seismometers, GPS measurements, Tide Gauges, Bottom pressure records are utilised for issue of tsunami advisories. Besides, pre-run models outputs are used to issue the location specific advisories, on travel time and run-up heights at 1800 coastal forecast points in the Indian Ocean. The Tsunami buoys and alert system have no impact on the forecast of weather reports in the country.

(c) and (d) Yes, Sir. Since the buoys are deployed in the deep in the ocean, systematic servicing is conducted periodically. Recently, the buoys deployed in the Bay of Bengal were serviced by Research Vessels Sagar Nidhi and Sagar Kanya. Technical expertise is available with ESSO - NIOT to service these buoys systems. Considering the complexity of system regional and global level coordination is in place to share experience and expertise, to sustain the Tsunami Warning System.

Working of Automatic Weather Stations

3007. SHRI B.S. GNANADESIKAN : Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether Government is in the process of integrating the existing Automatic Weather Stations (AWSs) and decided to set up more such stations across the country to increase food and water security for millions of farmers throughout the country to provide real time meteorological observations and forecast;

(b) if so, whether the reliable data collected by those AWSs would also immensely benefit weather sensitive sectors such as agriculture, irrigation, shipping, aviation, etc.; and

(c) if so, the details thereof?

THE MINISTER OF EARTH SCIENCES (SHRI S. JAIPAL REDDY) : (a) Yes Sir.

(b) Yes Sir.

(c) Department of Agriculture and Cooperation under the Ministry of Agriculture has constituted the committee for preparation of guidelines for setting up Automatic Weather Stations (AWSs) and Automatic Rain Gauge (ARGs) across the country where DGM, Earth System Science Organization - India Meteorological Department (ESSO-IMD) is also a member. The draft report submitted by the Committee is circulated for widely for comments and suggestions that dealt with following aspects:

- (i) AWS equipment standards;
- (ii) AWS installation standards & maintenance standards; and
- (iii) 3rd party accreditation and data certification services.

A Brainstorming meeting was held in Pune on 13th Sept., 2012 by ESSO - IMD to develop a national consortium involving all the concerned organizations to integrate the existing AWS/ARG networks and install new ones with the required sensors, maintenance, reception of quality controlled and uninterrupted data, data sharing mechanism etc. as per the common standards. Based on the suggestions of this meeting and based on the on-going consultations, another brainstorming meeting is planned to be organized in June, 2013 to finalize the said report.

Crop and weather data generated by such networks will be used to study possible impacts due to climate variability and change, develop crop-weather relationships and also to refine district level agro-meteorological advisory services.

Obscene scenes in films and album songs

†3008. SHRI ISHWARLAL SHANKARLAL JAIN : Will the Minister of INFORMATION AND BROADCASTING be pleased to state:

(a) whether Government has taken cognizance of item songs and obscene scenes in films and increasing obscene scenes in album songs;

(b) if so, the details thereof;

†Original notice of the question was received in Hindi.