

**GOVERNMENT OF INDIA  
EARTH SCIENCES  
LOK SABHA**

UNSTARRED QUESTION NO:297  
ANSWERED ON:10.11.2010  
FORECASTING TSUNAMI SYSTEM  
Antony Shri Anto

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

- (a) whether the Government has recently identified areas which are prone for Tsunami;
- (b) if so, the details of the areas identified so far, location-wise;
- (c) the number of Tsunami warning centres functional at present, location-wise;
- (d) the funds given to States/UTs so far to pre-empt any eventualities; and
- (e) the details of international assistance sought and received to upgrade the existing Tsunami warning forecasting ability?

**Answer**

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

- (a) Yes, Madam
- (b) Entire mainland coastline of India along with Andaman & Nicobar and Lakshadweep Islands are vulnerable to Tsunami.
- (c) The Indian National Centre for Ocean Information Services (INCOIS) is the only centre hosting 24X7 National Tsunami Warning System (NTWS) that covers the entire Indian Ocean. The NTWS is capable of detecting tsunamigenic earthquakes and to monitor tsunamis so as to provide timely advisories to concerned government departments and to vulnerable community using latest communication infrastructure.
- (d) Ministry of Earth Science has not given any funds to states for this purpose.
- (e) No international assistance has been sought/received to upgrade existing Tsunami Warning forecasting ability. However, India has signed an Implementation Arrangement with National Oceanic and Atmospheric Administration (NOAA), USA to assess the NOAA's Tsunami model performance vis-à-vis the model of NTWS over the Indian Ocean.