

**GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:492
ANSWERED ON:24.02.2011
TSUNAMI WARNING SYSTEM
Patel Shri Kishanbhai Vestabhai

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether new Tsunami warning system has been developed and installed in various parts of the country;
- (b) if so, the details thereof;
- (c) the details of funds allocated and released for the development of such new technology during 2010-11;and
- (d) the areas in which this new technology has been working satisfactory?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF PLANNING MINISTER OF THE STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS MINISTER OF THE STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF THE STATE IN THE MINISTRY OF EARTH SCIENCES (ASHWANI KUMAR)

(a) & (b): Yes Madam. A 24X7 National Tsunami Warning System (NTWS) has been developed and implemented by the Indian National Centre for Ocean Information Services (INCOIS) of the Ministry of Earth Sciences at Hyderabad. Under this system, the entire Indian coastline, including Andaman and Nicobar and Lakshadweep Islands, are covered. The NTWS is capable of detecting tsunamigenic earthquakes which helps in monitoring of tsunamis. As a part of NTWS system appropriate advisories are provided to all concerned authorities of coastal States/Union Territories using fail safe communication infrastructure.

(c) An allocation of Rs. 10.0 crores has been made during 2010-11 for sustained operation of various observational, monitoring, warning and expert decision support sub-systems of the NTWS.

(d) The NTWS has been working satisfactorily for the entire mainland coastline of India alongwith Andaman and Nicobar and Lakshadweep Islands.