

**GOVERNMENT OF INDIA
OCEAN DEVELOPMENT
LOK SABHA**

UNSTARRED QUESTION NO:2193
ANSWERED ON:10.03.2006
TSUNAMI AND CYCLONE PRONE INDIAN COAST
Oram Shri Jual

Will the Minister of OCEAN DEVELOPMENT be pleased to state:

- (a) whether the Government has identified the Indian Coasts which are prone to Tsunami and Cyclone;
- (b) if so, the details thereof, State-wise;
- (c) whether any steps have been taken to provide advance warning on the occurrence of Tsunami and cyclone and also to build shelters for the people; and
- (d) if so, the details thereof?

Answer

THE MINISTER OF SCIENCE AND TECHNOLOGY AND MINISTER OF OCEAN DEVELOPMENT SHRI KAPIL SIBAL) :

(a) and (b) The Government have identified thirteen coastal States/Union Territories as vulnerable to cyclones/Tsunami. These are States/Union Territories of West Bengal, Orissa, Andhra Pradesh, Tamilnadu, Pondicherry, Kerala, Karnataka, Goa, Maharashtra, Daman & Diu, Gujarat and the island territories of Andaman and Nicobar Islands and Lakshadweep.

(c) and (d) Apart from normal conventional communication channels for cyclone warnings, India Meteorological Department has installed a network of 352 Cyclone Warning Dissemination System (CWDS) which works via the INSAT satellite and provides area-specific service for dissemination of cyclone warnings. Ministry of Ocean Development is setting up an Early Warning System for Tsunami and Storm Surges in the Indian Ocean Region covering the entire Indian coastline. The warning system is scheduled to be operational by September, 2007. A centre would be set up at Indian National Centre for Ocean Information Services (INCOIS), Hyderabad on a 24x7 basis. Model designs for construction of cyclone shelters have been developed and shared with the concerned State Governments/ Union Territory Administrations.