

**GOVERNMENT OF INDIA
ENVIRONMENT AND FORESTS
LOK SABHA**

UNSTARRED QUESTION NO:753
ANSWERED ON:19.03.2012
HAZARD LINE IN COASTAL AREAS
Thomas Shri P. T.

Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

- (a) whether the Government has any proposal to demarcate a hazard line in the coastal areas of the country;
- (b) if so, the details thereof;
- (c) whether the Government has signed any agreement with the 'Survey of India' in this regard;
- (d) if so, the details thereof; and
- (e) the steps taken by the Government in this regard?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT AND FORESTS (SHRIMATI JATANTHI NATARAJAN)

(a): Yes, Sir.

(b): The Ministry has initiated a project for demarcation of hazard line in the coastal areas of the country taking into account flooding due to sea level rise, tides, waves and shoreline change. The hazard line mapping is one of the components under the Integrated Coastal Zone Management Project. The hazard line drawn along the coastline will be used for planning and regulating developmental activities along the coastal areas.

(c) : Yes, Sir.

(d) : The Ministry of Environment and Forests (MoEF) has signed a Memorandum of Understanding on 12th May, 2010 with the Survey of India for mapping, delineation and demarcation of the hazard line along India's 7 km wide coastal belt including the inter tidal area for the entire mainland of the coastal areas taking into account tides, waves, sea level rise and shoreline changes.

(e) : The Stereo Digital Aerial Photography (SDAP) would cover the 11000 km arc coastline from Gujarat to West Bengal with an area of 60,000 sq kms. The hazard line for the mainland coast of India will be mapped, delineated and demarcated on the ground over a period of five years. This will include the collection and presentation of data identifying flood lines over the last 40 years (which includes sea level rise impacts) and a prediction of erosions to take place over the next 100 years. The hazard maps would be prepared in 1:10,000 scale and after ground verification, pillars would be erected demarcating the hazard line.