

**GOVERNMENT OF INDIA
WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION
LOK SABHA**

UNSTARRED QUESTION NO:4126

ANSWERED ON:13.08.2015

Sea Erosion

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Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION be pleased to state:

- (a) whether it is a fact that large area of land on India"s coast has been lost because of the rising sea level;
- (b) if so, the details thereof along with the action taken thereon; and
- (c) whether any periodic study is proposed to be taken in this regard and if so, the details thereof?

Answer

ANSWER

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION
(PROF. SANWAR LAL JAT)

(a) & (b) No specific study on land area of India's coast lost due to rise in sea level is available. However, a study based on satellite data of 1989-91 and 2004-06 carried out by Space Application Centre (SAC) and Central Water Commission (CWC) indicates that, an area of about 73.061 square kilometre has been lost in these years. The State-wise details are annexed.

The flood management and anti-erosion schemes are, formulated and implemented by the concerned State Governments as per their priority. However, the Ministry also provides central assistance to States for critical works under Flood Management Programme (FMP), which has an approved outlay of Rs. 10,000 crore for the 12th Plan.

In addition to FMP, a loan amounting to 250 Million USD for Sustainable Coastal Protection and Management Investment Programme (SCP&MIP) was approved by ADB in Oct, 2010 for the States of Karnataka, Maharashtra and Goa.

Currently Sustainable Coastal Protection and Management Investment Programme (SCP&MIP)-Tranche-1 has been undertaken in the States of Karnataka and Maharashtra having total estimated cost of US \$ 62.7 million including ADB loan of US \$ 51.555 million.

(c) A Technical Assistance (TA) programme has been signed by Government of India for Climate Resilient Coastal Protection and Management Project (CRCP&MP) at the national level and in the two focal states of Karnataka and Maharashtra where the SCP&MIP is already operational under external assistance from Asian Development Bank (ADB). The above programme inter-alia envisages analyzing the climate change impact including the aspects related to Sea Level rise in the coastal areas, preparation of planning & designing criteria and guidelines for coastal climate change adaptation.
