

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

UNSTARRED QUESTION NO:2078
ANSWERED ON:02.12.2009
RISING SEA LEVEL
Das Gupta Shri Gurudas;Lingam Shri P.

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

- (a) whether sea level is rising due to global warming and poses threat to the safety of coastal communities in the country;
- (b) if so, the details thereof;
- (c) whether Dr. M.S. Swaminathan has suggested setting up a mission for coastal and island ecological security;
- (d) if so, the details thereof and the reaction of the Government thereto; and
- (e) the action taken or being taken by the Government in this regard?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT AND FORESTS(SHRI JAIRAM RAMESH)

(a) & (b) As per the study of the tide gauge records of the north Indian Ocean for more than 40 years, conducted by the National Institute of Oceanography, it is observed that the sea-level rose by 1.06-1.75 millimetres per year in the past century. This estimate is consistent with the estimated global sea-level rise of 1-2 millimetres per year made by the Inter Governmental Panel on Climate Change (IPCC). The scientific studies of climate scenario for the period up to the end of the century and beyond project likely rise in sea-level in the order of 55-60 mm.

(c) to (e) There is no proposal for setting up a Mission for coastal and island ecological security. However, the Committee under the Chairmanship of Dr. M.S. Swaminathan has recommended a separate Island Protection Zone Notification for the integrated management of the island.