

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**LOK SABHA**  
**UNSTARRED QUESTION NO. 1898**  
TO BE ANSWERED ON 21.12.2018

**Study of Climate Change Issues**

1898. SHRI PREM DAS RAI:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether the Government has allotted enough fund for the latest technology to study the climate change issues in the country;
- (b) if so, the details thereof;
- (c) whether the Government is planning to set up expert institutions/ centers of excellence for study of Climate Change in North-Eastern States; and
- (d) if so, the details thereof and if not, the reasons therefor?

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE**  
**(DR. MAHESH SHARMA)**

(a) & (b): The studies on various aspects of climate change vis-à-vis energy, water, agriculture, forestry, human health, habitat, transportation, etc. are embedded in respective sectoral schemes of various Ministries for which allocations are made in the annual budget based on the projected requirements from time to time. Recently, this Ministry has launched two programs, namely, National Carbonaceous Aerosols Program (NCAP) and Long Term Ecological Observatories (LTEO) Program to study black carbon impact on climate and monitor impact of climate change on flora and fauna respectively by using state of the art technologies. Sufficient funds have been provided for these projects under the scheme "Climate Change Action Plan".

(c) & (d) No Madam. However, the Ministry of Environment, Forest and Climate Change (MoEFCC) periodically prepares national communications for submission to the United Nations Framework Convention on Climate Change, which contains among others, information on impact of climate change on ecosystems in different parts of the country including North Eastern region. Further MoEFCC has carried out a study titled "Climate Change and India: A 4X4 Assessment - A Sectoral and Regional Analysis for 2030s" which provides assessment of impacts of climate change in 2030 on four key sectors of Indian economy, namely, agriculture, water, forests and human health in four climate sensitive regions of India, viz. the Himalayan region, the Western Ghats, the Coastal region and the North-Eastern Region.

\*\*\*\*\*