

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 1929
TO BE ANSWERED ON 21.12.2018

Climate Change

1929. SHRIMATI SAVITRI THAKUR:

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

- (a) whether his Ministry is conducting any research to ascertain details of the adverse effect of climate change and deforestation, if so, the details thereof; and
- (b) whether any solution is likely to come out of it to protect humans, animals and agriculture from such ill effects, if so, the details thereof?

ANSWER

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

(a) & (b) The Climate Change is a global phenomenon and is impacting all sections of the society. A report titled "Climate Change and India: A 4X4 Assessment - A Sectoral and Regional Analysis for 2030s" of this Ministry provides assessment of impacts of climate change in 2030 in 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. Further, the Forest Survey of India as per its mandate carries out assessment of the country's forest and tree resources, including deforestation, on a regular basis and publishes the results in its biennial report "India State of Forest Report". It describes forest and tree cover of the country, contains estimates of growing stock within and outside forest areas, carbon stock and other important characteristics of forests.

To address the impacts of climate change, the Government is implementing National Action Plan on Climate Change (NAPCC) which has eight missions in specific areas of solar energy, energy efficiency, water, agriculture, Himalayan eco-system, sustainable habitat, green India and strategic knowledge on climate change. Three of these Missions namely the Missions on solar energy, enhanced energy efficiency and sustainable habitats focus on mitigation, while the rest focus on adaptation. Thirty two States/Union Territories have prepared State Action Plan on Climate Change (SAPCC) in lines with NAPCC taking into account State's specific issues relating to climate change. The SAPCCs prepared by States/UTs inter-alia indicate sector specific and cross sectoral priority actions.
