

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 180
TO BE ANSWERED ON 21.06.2019

Climate Change

180. SHRI G.M. SIDDESHWAR:

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

- (a) whether the Government has conducted any study to assess the impact of climate change in different fields including agriculture in the country;
- (b) if so, the details thereof;
- (c) whether any action plan has been formulated by Government to combat ill effects of climate change in coordination with the global agencies; and
- (d) if so, the details thereof?

ANSWER

**MINISTER FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI PRAKASH JAVADEKAR)**

(a) and (b)

The Government of India has conducted 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.

(c) and (d)

Under the Paris Agreement, India submitted its Nationally Determined Contribution (NDC) outlining eight (8) targets for 2021-2030 which, inter alia include (i) to reduce greenhouse gas emissions intensity of its GDP by 33 to 35 per cent by 2030 from 2005 level; (ii) to achieve about 40 percent cumulative electric power installed capacity from non-fossil fuel based energy resources by 2030; and (iii) to create additional carbon sink of 2.5 to 3 billion tonnes of carbon dioxide equivalent through additional forest and tree cover by 2030. The other targets pertain to sustainable lifestyles; climate friendly growth path; climate change adaptation; climate change finance; and capacity building and technology.
