

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 818
TO BE ANSWERED ON 14.12.2018

Rise in Temperature

818. SHRI PANKAJ CHAUDHARY:

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

- (a) whether the Government has taken cognizance of threats of rising temperature;
- (b) whether the Government has taken any measures to curb the rise in temperature;
- (c) if so, the details thereof;
- (d) whether the Inter-Government Panel for Climate Change has drawn the attention of the world towards its report which insists on the ill-effects of rising temperature due to the emission of green house gases; and
- (e) if so, the details thereof and the response of the Government thereto?

ANSWER

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

a) Yes, Madam. As per the World Meteorological Organization, Global mean temperatures in 2017 were $1.1\text{ }^{\circ}\text{C} \pm 0.1\text{ }^{\circ}\text{C}$ above pre-industrial levels. The average global temperature for 2013–2017 is close to 1°C above that for 1850–1900 and is also the highest five-year average on record. According to India Meteorological Department (IMD), in line with rising temperatures across the globe, All India mean temperature has risen by nearly 0.64°C over the last 110 years. Changes in many extreme weather and climate events including heat waves have been observed since 1950 and their incidence has risen in the last 30 years.

b) and c) In order to combat the adverse effects of temperature rise due to climate change, the Government of India is implementing the National Action Plan on Climate Change (NAPCC) which comprises eight National Missions being implemented by different ministries in specific areas of Solar Energy, Enhanced Energy Efficiency Energy Efficiency, Sustainable Habitat, Water, Sustaining the Himalayan Ecosystem, Green India, Sustainable Agriculture and Strategic knowledge for Climate Change. Also, 32 States and Union Territories have prepared the State Action Plan on Climate Change to address state-specific issues. The Government is also supporting adaptation actions of States and Union Territories through National Adaptation Fund for Climate Change.

d) and e) The Intergovernmental Panel on Climate Change (IPCC) has brought out a Special Report on Global Warming of $1.5\text{ }^{\circ}\text{C}$. The report was in response to decision 1/CP.21 of the United Nations Framework Convention on Climate Change (UNFCCC). India participated in the 48th Session of the IPCC at Incheon, Korea from October 1-6, 2018 wherein this report was formally adopted. The Government has taken due note of the report.
