

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**LOK SABHA**  
**UNSTARRED QUESTION NO.3093**  
TO BE ANSWERED ON 05.01.2018

**Funds Allocated for Study on Climate Change**

3093. DR. SANJAY JAISWAL:

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

- (a) whether the Government has conducted any study on climate change and its impact on the country's environment;
- (b) if so, the results of the studies that were done recently; and
- (c) the details of funds allocated by his Ministry for study on climate change and its impact?

**ANSWER**

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

(a) to (c) According to a study entitled 'Climate Change and India: a 4x4 Assessment – a sectoral regional analysis for 2030s,' published in 2010 by the Ministry of Environment, Forest and Climate Change (MoEFCC), droughts, floods, tropical cyclones, heavy precipitation events, hot extremes and heat waves due to projected climate change may negatively impact agricultural production and farmer's livelihood. Climate change is also likely to exacerbate the existing stresses that human settlements face. Further, projects under National Carbonaceous Aerosols Programme have been sanctioned by MoEFCC in 2016 to 17 research institutions at a total cost of Rs 55.57 crore to study black carbon in India and its impact on regional climate.

The Department of Science and Technology has launched a number of studies under its climate change programme which includes study of impact of climate change on health of Himalayan ecosystem and glaciers, diseases and insect-pest dynamics in crops, urban water bodies, etc. The Indian Council of Medical Research has conducted studies to understand impact of climate change on human health, which reveal that hilly areas are showing evidence of malaria transmission even in the months of November and January when outdoor temperature is not conducive.

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