

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 1139
TO BE ANSWERED ON 02.12.2024

Study on Effects of Climate Change in the Himalayas

1139. DR. INDRA HANG SUBBA:

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

- (a) whether the Government has allocated any fund to study the effects of climate change in the Himalayas;
- (b) if so, the details thereof;
- (c) whether any Reports has been prepared on the effects of climate change in the Himalayas and if so, the details thereof; and
- (d) whether the Government has allocated any funds to the State of Sikkim to mitigate the situation caused by the flood in the Teesta Basin as a consequence of Climate Change and if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI KIRTI VARDHAN SINGH)

(a) to (c) The Government of India has allocated funds for studying the effects of climate change in the Himalayan region through various Ministries/ Departments including the Ministry of Environment, Forest & Climate Change (MoEF&CC).

The Department of Science & Technology (DST) has launched the National Mission for Sustaining the Himalayan Eco-System (NMSHE) as a key component of the National Action Plan on Climate Change (NAPCC), aimed at understanding the impact of climate change in the Himalayan region.

The Ministry of Earth Sciences (MoES), through the National Centre for Polar and Ocean Research (NCPOR), studies the effects of climate change on Himalayan glaciers and its contribution to water sustainability. The Polar and Cryosphere Research (PACER) sub-scheme of MoES also supports studies and monitoring of glaciers in the Himalayas.

The G.B. Pant National Institute of Himalayan Environment (NIHE), an autonomous Institute of the MoEF&CC, undertakes studies on different aspects of climate change impact on the Himalayan environment. The National Mission on Himalayan Studies (NMHS) implemented by MoEF&CC supports innovative studies towards sustenance and enhancement of natural and human capital of the Indian Himalayan Region.

Detailed findings on biodiversity shifts, glacial melting, livelihood impacts, vulnerability and risk assessment in the Himalayan region due to climate change have been published as reports and journal papers.

(d) As per information provided by the State Government of Sikkim, Rs 40 crore has been approved for the State of Sikkim under the National Disaster Mitigation Fund for Glacial Lake Outburst Flood (GLOF).
