

GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
UNSTARRED QUESTION NO. 2905
TO BE ANSWERED ON WEDNESDAY, 20TH DECEMBER, 2023

ADDRESSING CLIMATE CHANGE

†2905. SHRI VIJAY KUMAR:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether any schemes have been formulated to address the problems of climate change in Bihar;
- (b) if so, the details thereof; and
- (c) if not, the reasons therefor?

ANSWER
THE MINISTER OF EARTH SCIENCES
(SHRI KIREN RIJJU)

- (a) & (b) Ministry of Earth Sciences implements the central sector scheme “Atmosphere & Climate Research-Modelling Observing Systems & Services (ACROSS)” to deliver the Weather and Climate Services for the entire country including Bihar. A state-of-the-art Earth System Model (ESM) known as the IITM-ESM has been indigenously developed at Centre for Climate Change Research, Indian Institute of Tropical Meteorology (IITM). The National Climate Change Assessment report documenting the regional climate change projections, has been released to benefit students, researchers and policy makers. The report is available at <https://link.springer.com/book/10.1007/978-981-15-4327-2>. India Meteorological Department (IMD) has prepared a Climate Hazards and Vulnerability Atlas of India for the thirteen most hazardous meteorological events including Cold waves, Heat Waves, Floods, Lightning, Snowfall, Dust Storms, Hail Storms, Thunderstorms, Fog, Strong winds, Extreme Rainfall, Droughts and Cyclones.
- (c) Does not arise.
