

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
UNSTARRED QUESTION NO. 1823
TO BE ANSWERED ON WEDNESDAY, 29TH JULY, 2026

RESEARCH PROJECTS IN JAMMU AND KASHMIR**

†1823. SHRI JUGAL KISHORE:

Will the Minister of EARTH SCIENCES Be pleased to state:

- (a) whether the Government is conducting research projects in various regions of the country including Jammu and Kashmir to study the impacts of climate change;
- (b) if so, the details thereof; and
- (c) the details of the funds allocated for these projects during the last three years?

ANSWER
THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR
MINISTRY OF SCIENCE AND TECHNOLOGY
AND EARTH SCIENCES
(DR. JITENDRA SINGH)

- (a) Under the Hydrology and Cryosphere programme, Ministry of Earth Sciences (MoES) sanctioned a project jointly to the University of Kashmir and IIT Roorkee titled “*Identifying current and future GLOF risk over contrasting topographic and climate zones of Indian Himalaya using Earth observation data and modelling*” at a total cost of Rs. 91.2 lakhs in 2022.
- (b) The proposed study aims to develop and implement a comprehensive methodological approach to investigate glacial lakes across different time scales and assess their hazard potential using physically based models in contrasting climatological, geomorphological, and topographic zones across the Indian Himalayan Region (IHR). This will improve understanding and prediction of lake formation and the associated hazards and risks to downstream areas with human populations and infrastructure.
- (c) MoES has released a total amount of Rs. 62.03 lakhs in the last 3 years.
