

**GOVERNMENT OF INDIA
ENVIRONMENT AND FORESTS
LOK SABHA**

UNSTARRED QUESTION NO:4033
ANSWERED ON:19.12.2011
MELTING OF GLACIERS
Singh Shri Jagada Nand

Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

- (a) whether the Gomukh Glacier is slipping away from its original place due to environmental changes;
- (b) if so, the details thereof;
- (c) whether any survey has been conducted regarding melting or slipping away of Gomukh Glacier; and
- (d) if so, the details thereof and the outcome thereof?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT AND FORESTS (SHRIMATI JAYANTHI NATARAJAN)

(a) to (d) As per the studies carried out by the Geological Survey of India, the Gaumukh, the mouth of Gangotri glacier shows recession. According to the studies conducted by the Geological Survey of India since 1935 till 1996, the overall average rate of recession of Gomukh between 1935-1996 is 18.8 meters per year. The glacier recession is a part of natural cyclic process of changes in size.