

**GOVERNMENT OF INDIA
EARTH SCIENCES
LOK SABHA**

STARRED QUESTION NO:186
ANSWERED ON:24.08.2007
PREDICTION OF RAINFALL
Rao Shri Sambasiva Rayapati

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether the Government has made any progress in evolvir predict rainfall accurately in advance, and
- (b) if so,the details thereof?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF SCIENCE ANDTECHNOLOGY AND MINISTER OF EARTH SCIENCES (SHRI KAPILSIBAL)

(a) Yes, Sir.

(b) Earthquake Risk Evaluation Centre (EREC) is an integral part of India meterological Department (IMD) uner the Ministry of earth science (MoES) and the Earth Commission (EC).

A standing Advisory Committee (SAC) of the centre, consisting of eminent scientists also periodically reviews the activities of the centre and recommends scientific projects to be undertaken by EREC. The activities on the recommendations is taken and proposals submitted for government approvals. Some of the major recommendations made by SAC include:

(i) Undertaking first level (on the scale of 1:50,000) sesimic hazard micrzonation of Delhi including related sesimotectonic, site response, geoscientific and geotechnical studies of the area to accomplish the task.

(ii) To prepare detailed plan for sesimic hazard microzonation od delhi, Guwahati and Ahmadabad at higher resolution scale.

(c) Accordingly sesimic hazard microzonation of Delhi has been completed at 1:50,000 scale. Microzonation of Delhi has been taken up at the scale of 1:10,000 for quantification of hazard for better land use planning and risk evaluation. Detailed proposals have been prepared to carry out microzonation of five more cities.

(d) Yes Sir.

(e) Nine projects related to EREC activities including continuation of EREC have been approved by the Earth Commission. these are currently being processed for implemenatation under the XI five year plan.

(f) Does not arise.