

**GOVERNMENT OF INDIA
EARTH SCIENCES
LOK SABHA**

UNSTARRED QUESTION NO:1302
ANSWERED ON:03.03.2011
CLIMATE CHANGE
Patel Shri Lalubhai

Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether the Government has set up any centre to undertake any study regarding the recent changes occurred in the pattern of weather; and

(b) if so, the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF PLANNING, MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS, MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES(SHRI ASHWANI KUMAR)

(a)-(b) Under the Global and Regional Climate Change (GRCC) programme of the Ministry of Earth Sciences during the XI plan, the Government has established a dedicated Centre for Climate Change Research (CCCR) under the Indian Institute of Tropical Meteorology (IITM), Pune.

The primary focus and goal of the CCCR is to build a high resolution Earth System Model (ESM), which is a fully coupled atmosphere-ocean-land-biosphere-cryosphere dynamical model, required to address issues on attribution and projection of regional climate change; and provide reliable inputs for various multi-sector impact assessments studies. CCCR addresses the critical issues of science of regional climate change with particular emphasis on the variability of the South Asian monsoon system in the global warming environment.