

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

UNSTARRED QUESTION NO:1710

ANSWERED ON:16.12.2013

ACTION PLAN ON GLOBAL WARMING

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

- (a) whether the Government has conducted any study to assess the adverse effects to global warming;
- (b) if so, the findings thereof;
- (c) the action taken/proposed to be taken by the Government to control the impact of climate change due to global warming in the country along with the funds allocated in this regard;
- (d) whether the Government has any plan to launch a public awareness programme and to include Global Warming in syllabus of schools to create massive awareness among people; and
- (e) if so, the details thereof?

**Answer**

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

(a) & (b) Government has undertaken a scientific study in 2010 whose findings are published in a report titled "Climate Change and India: A 4X4 Assessment - A Sectoral and Regional Analysis for 2030s". The report assesses impacts of climate change on four key sectors of Indian economy, namely Agriculture, Water, Natural Ecosystems & Biodiversity and Health in four climate sensitive regions of India, namely the Himalayan region, the Western Ghats, the Coastal Area and the North-East Region. The study projects a mixed picture of implications for climate parameters and related impacts on the sectors identified. An overall warming for all the regions is projected.

(c) The Government has released the National Action Plan on Climate Change (NAPCC) on June 30, 2008 that identifies measures that promote India's development objectives while also yielding co-benefits for addressing climate change effectively. NAPCC outlines eight Missions in specific areas of solar energy, enhanced energy efficiency, sustainable habitat, water, sustaining Himalayan ecosystems, green India, sustainable agriculture and strategic knowledge for climate change. State Governments have also been requested to prepare the State Action Plan on Climate Change to address State specific issues.

Allocation of funds for the Missions is a part of the overall Plan outlays provided to the respective nodal Ministries during the Eleventh and Twelfth Five Year Plan.

(d) & (e) Public awareness on global warming is created through various conferences / seminars and also through the National Environmental Awareness Campaign. This campaign runs through approximately 10,000 organizations including non-governmental organisation (NGOs), academia and schools, etc. Further as per the reports published by Central Board for Secondary Education (CBSE) titled 'Primary curriculum for classes I to V' and 'School curriculum for senior classes', green house gas effects and global warming aspects have been included in the science and environmental chemistry curriculum respectively.