

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

UNSTARRED QUESTION NO:2524

ANSWERED ON:27.08.2012

NATIONAL POLICY ON CLIMATE CHANGE

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

- (a) whether the Government has conducted any scientific study on climate changes caused by global warming and its likely adverse effects on specific crops;
- (b) if so, the details thereof;
- (c) whether the Government has launched any National Action Plan on Climate Changes to deal with the impact of environmental changes;
- (d) if so, the details thereof;
- (e) whether any Expert Committee set up for the purpose has submitted its report;
- (f) if so, the details and the action taken thereon; and
- (g) if not, the time by which it is likely to submit its report?

Answer

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

(a) & (b) A study to assess the impact of climate change on four sectors in four regions of India has been undertaken and a report titled "Climate Change and India: 4X4 Assessment - A Sectoral and Regional Analysis for 2030s" was published in 2010 by Ministry of Environment and Forests, Government of India. The report has assessed impacts of climate change on four sectors including Agriculture, and projects a variable rate of change in agriculture production including losses in some crops such as mustard, peas, tomatoes, onion, wheat, sorghum, rice and garlic.

(c) & (d) The Government has released National Action Plan on Climate Change (NAPCC) on June 30, 2008 that 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. These National Missions are being institutionalized by respective Ministries for implementation.

(e) to (g) An expert committee has been set up in 2007 under the chairmanship of the Principal Scientific Adviser to the Government of India to assess the impacts of climate change on various sectors e.g. agriculture, methane emissions from livestock, coastal zone, health, water resources, forests and natural ecosystem. The Expert Committee has submitted its reports in 2008 on Agriculture, Climate Modelling, Coastal Zone Management, Health, Water Resources and Natural Ecosystem. The reports contain recommendation for future policy initiatives for the above sectors. The reports have been circulated to the relevant line Ministries for appropriate actions.