

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

UNSTARRED QUESTION NO:3563  
ANSWERED ON:29.07.2009  
GLOBAL WARMING  
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**Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:**

- (a) whether Global Warming is increasing and proving devastating for various livestock in the country;
- (b) if so, the details thereof;
- (c) whether the Government has proposed to assess the impact of global warming in the country;
- (d) if so, the details thereof; and
- (e) the steps taken/proposed to be taken by the Government to combat the impact of Global Warming?

**Answer**

MINISTER OF THE STATE E(INDEPENDENT CHARGE) IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI JAIRAM RAMESH)

(a)&(b): Studies on 'Mean seasonal and annual surface temperature' at regional and all India level conducted under the aegis of India's Initial National Communication to the United Nations Framework Convention on Climate Change (published in 2004) indicate a warming of 0.4oC during the period 1901-2000.

Scientific studies reveal that livestock species of India have capacity to adapt to temperature changes.No devastating effects on livestock productivity and health due to global warming have been reported so far.

(c)&(d): Studies on impacts of climate change and vulnerability assessment in key sectors such as agriculture, water, health, infrastructure and sea level rise in Indian context are currently in progress as a part of preparation of India's Second National Communication. Besides, an Expert Committee on Impact of Climate Change set up under the chairmanship of Principal Scientific Adviser to Government of India in 2007 has also studied the impacts of climate changes on various sectors.

(e) Government is aware of the challenges posed by climate change and has taken steps in this regard. The National Action Plan on Climate Change (NAPCC) was released on 30th June 2008 to outline India's strategy to meet the challenge of Climate Change. The National Action Plan outlines steps that will enable the country to adapt to climate change and enhance the ecological sustainability of India's development path.