

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

UNSTARRED QUESTION NO:2790
ANSWERED ON:14.03.2011
IMPACT OF CLIMATE CHANGE
Swamygowda Shri N Cheluvarya Swamy

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

- (a) whether the Government has conducted any survey to assess the impact of climate change on water resources in the country particularly in Karnataka; on water resources in the country particularly in Karnataka;
- (b) if so, the details thereof; and
- (c) the steps taken by the Government to check the impact of climate change on country's water resources including major rivers and basins?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT AND FORESTS (SHRI JAIRAM RAMESH)

(a) & (b) As a part of India's Initial National Communication to the United Nations Framework for Climate Change Convention, impact of climate change on water resources is assessed at national level. Indian Network of Climate Change Assessment which was launched in October 2009 has analyzed the impact of climate change on water resources of Western Ghats region that includes Karnataka. However, specific study on water resources of Karnataka has not been done.

(c) The National Action Plan on Climate Change launched in June, 2008 includes the National Water Mission which has the aim of ensuring promotion of basin level integrated water resources management. The objective of the mission is to conserve water, minimize wastage and ensure more equitable distribution both across and within states. The Mission has been prepared keeping in view the provisions of National Water Policy, and the objective of optimizing water use and increasing water use efficiency by 20% through regulatory mechanism and differential entitlements and pricing. Studies have been undertaken to assess the water resources, under climatic scenario, of the river basin scales. Pilot studies on Godavari and Brahmani-Baitarni rivers have also been conducted.