

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT AND FORESTS
RAJYA SABHA
QUESTION NO 06.12.2010
ANSWERED ON
MEASURING OF CLIMATE CHANGES .

2842

Dr. Vijay Mallya

Will the Minister of COALENVIROMENT AND FORESTS be pleased to state :-

- (a) whether Government has any proposal to use remote earth sensing for establishing a strong data base for measuring climate changes;
- (b) whether any study has been carried out by the Government to assess the impact of such data base for prevention and control of global warming in the country; and
- (c) if so, the details thereof?

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT AND FORESTS

(SHRI JAIRAM RAMESH)

(a) to (c) Department of Space is carrying out climate and environment related studies pertaining to Land Use/ Land Cover changes, snow and glaciers, methane emissions and desertification processes using remote sensing technique.

The National Institute for Climate and Environment Studies (NICES) in collaboration with National Atmospheric Research Laboratory (NARL) of Indian Space Research Organisation (ISRO)/ Department of Space (DoS) will undertake activities related to:

- i.Design and development of newer sensors, satellites for studying various climate and environmental parameters;
- ii.Establishing a 'Data Centre' with the repository of climate data and data dissemination to the concerned agencies
- iii.Carrying out focussed research and developing modelling capabilities utilizing national and international expertise;
- iv.Capacity building in the areas of climate and environment science.