

**GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA**

UNSTARRED QUESTION NO:2591
ANSWERED ON:29.03.2012
STUDY OF RIVER SYSTEMS
Shantha J.

Will the Minister of WATER RESOURCES be pleased to state:

- (a) whether the Central Government proposes to study hydrologic response of river systems in the country;
- (b) if so, the details of study of major rivers in the country;
- (c) whether latest study on river channelisation, flood control, river management for stream bank erosion, catchment area processes and stream flow of all the major rivers has been done by the Government; and
- (d) if so, the details thereof?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF WATER RESOURCES & MINORITY AFFAIRS (SHRI VINCENT H. PALA)

(a) & (b) Central Water Commission undertakes hydrological studies as part of techno-economic evaluation of water resources projects. National Institute of Hydrology also carries out comprehensive hydrological studies. The support systems envisaged under Hydrology Project II, which, inter-alia, include use of data generated under Hydrologic Information System (HIS) are annexed.

(c) & (d) Central Water Commission makes observations of river cross sections at all gauge and discharge site locations before and after the monsoon season. In addition, the river cross sections at approximately 10 kilometer interval has been taken on 17 rivers namely, Ganga, Sharda, Rapti, Yamuna, Brahmaputra, Subansiri, Pagladia, Mahanadi, Kosi, Bagmati, Mahananda, Tapi, Krishna, Tungbhadra, Ghagra, Satluj and Gandak during the 11th Five Year Plan.