

**GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA**

UNSTARRED QUESTION NO:5326
ANSWERED ON:29.04.2002
SCHEME FOR DEVELOPMENT OF WATER RESOURCES
IQBAL AHMED SARADGI

Will the Minister of WATER RESOURCES be pleased to state:

- (a) whether any scheme for application of remote sensing in water resources development and management was approved during the Eighth Five Year Plan;
- (b) if so, whether this scheme was not completed in Eighth Plan and lingered on to Ninth Plan; and
- (c) if so, the time by which the scheme is likely to be completed?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SMT. BIJOYA CHAKRAVARTY)

(a) to (c) The Scheme "Remote Sensing Application in Water Resources Development and Management" at an estimated cost of Rs. 202.75 lakh, was taken up in December 1994 during the Eighth Five Year Plan. Total expenditure of Rs. 121.57 lakh was incurred in the financial years 1994-95 to 1996-97. Due to delay in approval of the scheme and non-availability of required budget as planned, the activities envisaged under the scheme during the Eighth Plan could not be completed, and as a result, the scheme spilled over to the Ninth Plan and was approved for Rs. 336.11 lakh. In order to make use of Remote Sensing Techniques, infrastructural facilities in the form of image processing units, GIS analysis unit and related hardware and software were taken up under this scheme which have been completed. Studies related to various aspects of water resources development like, estimation of water logged areas, changing morphological behaviour of rivers, reservoir sedimentation status etc., are taken up periodically. The studies are required to be continued by using the Remote Sensing Techniques for continuous updating of the acquired data base .