

**GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA**

UNSTARRED QUESTION NO:540
ANSWERED ON:15.03.2012
EVALUATION OF IRRIGATION PROJECTS AND RESERVOIRS
Shivanagouda Shri Shivaramagouda

Will the Minister of WATER RESOURCES be pleased to state:

- (a) whether the Government has conducted any survey to evaluate various components of irrigation projects existing in the country;
- (b) if so, the details thereof State-wise;
- (c) whether the capacity evaluation of reservoirs has been conducted to assess the current capacity of reservoirs in the country; and
- (d) if so, the details thereof State-wise including in Karnataka?

Answer

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

(a)&(b) The Central Government through Central Water Commission(CWC) has not conducted any survey to evaluate various components of Irrigation Projects in the country. However, Post Project Performance Evaluation Studies of 81 Major and Medium Irrigation Projects of various regions/states of the country have been completed by CWC. Performance Evaluation Studies covers following aspects of the project:

- (A) System Performance
- (B) Agro Economic Impacts
- (C) Socio-Economic Impacts
- (D) Environmental Impacts
- (E) Economic Evaluations

Also, Water Use Efficiency studies of 30 completed Major / Medium Irrigation Projects have also been completed.

(c)&(d) CWC has been conducting the capacity survey of reservoirs since 8th plan. So far capacity survey of 33 reservoirs has been completed.

As per the compendium on silting of reservoirs in India (2001) brought out by CWC in respect of 144 reservoirs in the country including Karnataka , weighted average annual loss in gross storage capacity due to siltation is computed as 0.44%.

CWC has also conducted sedimentation studies of total 108 reservoirs using Remote Sensing technique to assess the live storage capacity of reservoirs.