

**SW-AP-1 Reservoir sedimentation studies in Andhra Pradesh**  
**Department of Irrigation and Command Area Development, Government of**  
**Andhra Pradesh supported by Sedimentation Division, Andhra Pradesh**  
**Engineering Research Laboratory**

**Objectives**

To use Integrated Boat Mounted Bathymetric System to undertake surveys of five major reservoirs in Andhra Pradesh to quantify losses of storage due to sedimentation.

**Results and Recommendations**

To date only one reservoir has been surveyed: Priyadarshini Jurala reservoir on the Krishna River.

Since it first started impounding in 1996, 19.1% of its capacity has been lost due to sedimentation; 12.1% of the dead storage capacity and 7% of the live storage capacity.

This is equivalent to 0.49 ha m/100km<sup>2</sup>/year.

*To view the full PDS Report click here:*

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