

## recharge

984. **Adhikari, R.N. and Chittaranjan, S. 1990.** Estimation of water balance and other hydrological components for treated watershed. *Hydrology Journ. of IAH*, III(4):186-197.

The paper deals with a hydrological study conducted at red soil area of GR Halli watershed in Karnataka State. Water balance of the watershed was used as a tool to analyse the performance of the system and locate the problems in the water harvesting process. The water lost due to seepage, deep percolation etc. has been quantified. Threshold values of rainfall for causing runoff in the watershed have also been worked out. The watershed having been treated with sound and scientific conservation measures produced only 1.45, 0.69 and 1 t/ha of soil and