

- 1165. Mittal, S.P. 1985.** Operational research projects for watershed management in Shiwalik foothills. Abst. No. 62, National Seminar on Soil Conservation and Watershed Management, New Delhi, Sept. 17-18: 41.

The watersheds are typical of the Shiwalik foothill region having the problems of overgrazing and denudation of hill slopes leading to the problems of severe soil erosion, floods and sedimentation. The plans have been implemented with people's participation whose immediate need is to get irrigation water for their rainfed agricultural fields. Keeping this in view, 16 metres high homogeneous earth fill dams have been constructed one each in Village Bunga (Haryana) and Behdala (H.P.) with storage capacities of 59.63 and 13.98 ha m, respectively to provide supplemental irrigations to wheat crop over an

area of 243 ha in Village Bunga and 70 ha in Village Behdala. Irrigation water will be conveyed through underground pipeline by gravity. Thus no power or diesel will be required.