

92. **Prakash, C., Rao, D.H. and Kurothe, R.S. 1987.** Ravine extension in twenty years-A case study. Abstract No. 7, National Symp. on "Land and Water Management in Ravines", CSWCRTI, Research Centre, Agra, March 19-22, 1987: 6.

The paper brings out the results of a survey conducted to determine the rate of ravine extension, change in land use pattern in ravine lands and variation in area under table land and different gully classes of an interval of twenty years in 8 villages in district Kota. The analysis of survey data indicated that the total ravines area of 8 villages increased by 379 ha (i.e. from 2016 ha to 2395 ha) in twenty years. Compound rate of ingression of ravine in these villages varied from 0.45% to 2.41% per annum. On an average, compound rate of ingress of ravines is found to be 0.865% per annum. At this rate, 100 ha ravine area

will extend to 104, 109 and 119 ha after 5, 10 and 20 years period. Increase in cultivated and forest gullied land was 21% and 332% in twenty years.