

- 1054. Sikka, A.K., Samra, J.S. and Bansal, R.C. 1998.** Land improvement index for evaluation impact of watershed management on land development. *IE(I) Journal-CV*: 79:10-13.

An attempt has been made to present the concept of a simple land improvement index (LI) for evaluating the impact of water harvesting structures *vis-a-vis* watershed projects on land development and demonstrates its application through a case study of Relmajra watershed in district Nawanshahar of Punjab. The increased value of LI from 0.23 to 0.65 over a period of three years shows a positive response by farmers in improving their land quality permanently. The authors suggest that this index is not only effective in evaluating the impact of watershed project on land development but can also serve as a surrogate measure of people's participation.