

128. **Ram Babu, Tejwani, K.G., Agrawal, M.C. and Subhash Chandra. 1981.**  
Rainfall Erosion Potential and Iso-erodent Map of India. Bulletin No. 2,  
CSWCRTI, Dehradun. 47 p.

The erosion index (EI) distribution curves and monthly and seasonal EI values in respect of 44 stations, fairly well distributed in five rainfall zones of India, have been worked out and presented in this bulletin. An attempt has also been made to develop a first approximation of the Iso-Erodent Map of India. A table containing observed range of EI and 2, 5 and 10 years return period values has been provided. A relationship between a three factors product of rainfall characteristics (2 yr-1 hr x 2 yr-24 hr x average annual rainfall), and average annual erosion index has been developed. Another relationship between average annual rainfall and average annual erosion index has also been worked out. The information provided in this bulletin would be useful for planning suitable soil and water conservation measures for different regions in the country.