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Watersheds impact evaluation using time scale disparity index

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ABSTRACT

This study assessed the impacts of four watersheds namely Laxmipur, S. Venkatapur, Kakatiya and Shettihadapnurn in Karimnagar, Medak, Warangal and Adilabad districts of Telangana region in Andhra Pradesh to derive logical macro-level policy inferences following time scale disparity index approach. This article, using data from the report of the impact evaluation study carried out by CRIDA and submitted to NABARD, attempts to evaluate the impacts of above watersheds in terms of relative contribution of pre-project (before) and post-project (after) periods on bio-physical and socio-economic aspects. Composite index (watershed impact index) used in this study will enable the policy makers and planners to understand and compare the overall impact of each watershed that will integrate the effect of all the parameters or indicators.