

Impact Assessment of Watershed Works on Socio - Economical Development in Mutukula Watershed, Prakasam District

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ABSTRACT

Participatory integrated watershed management programme approach demonstrated on Mutukula watershed at Pullalacheruvu Mandal in Prakasam District of Andhra Pradesh State. The sampling frame of study consists of 270 farmers, out of which 83 sample farmers were interviewed. The study focused on population details, live stock details, crops and cropping pattern, change in ground water status, change in land use, cropping intensity and watershed brought under cultivation, change in crops productivity, major sources of household income, and change in migration status, claiming success. Watershed development and management is the only mean to control degradation of land, conserve much water and improve the productivity and production. The study revealed that the gross cropped area and cropping intensity increases in the watersheds. It was further observed that income generated from the agriculture has increased many folds and migration from the watershed has reduced tremendously to zero in all villages. It was concluded that participatory watershed management programmes like IWMP led improvement of the socio-economic status of the stakeholders in the watershed.

Key words: DWMA, Ground water, IWMP, Socio-economic, Questionnaire, Watersheds.