

QUINTESSENTIAL PARADIGM OF PARTICIPATORY IRRIGATION MANAGEMENT IN GUJARAT

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ABSTRACT

Participatory irrigation management refers to the involvement of farmers (water users) in the different aspects of irrigation management such as planning, designing, construction and supervision, policy and decision making, operation and maintenance, and evaluation of irrigation system. The study aims to examine the differential impact of participatory irrigation management on the farmers of North Saurashtra of Gujarat. The major findings of the study revealed that, there was an average 17.04 per cent increased in irrigated area after formation of water users' cooperative society over the period of 2009 to 2014. The average gross return of the wheat crop was Rs. 31200 and Rs.21001 in case of farmers from functional and non-functional water users' cooperative society, respectively.

KEYWORDS: Participatory irrigation management, Resource use efficiency, Water uses' cooperative society