

BETTER MANAGEMENT OF NATURAL RESOURCES IN DHARMAVARAM MANDAL BY USING GEO INFORMATICS & IT TECHNIQUES

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ABSTRACT

Natural resources influence socio-economic status of the inhabitants in any area. Because of the growing population, economic development and industrialization, the pressure is increasing on natural resources to meet the present demand and community livelihood options are also changing day by day. In this situation, conservation and management of the natural resources in a sustainable way and searching for the better livelihood options for people to improve their socio-economic conditions are essential. Application of information technology viz., Remote Sensing and Geographical Information System (GIS) in the areas of planning, Natural resource management and socioeconomic analysis will enable us to perform better and to take actions in time. The present study deals with utilization of the available Information and Communications Technology for better management of natural resources and good governance of Dharmavaram Mandal, situated in Anantapur District of Andhra Pradesh state. It conceived through the integration of management of natural resources and good governance using information and communication technology.

KEYWORDS: Remote Sensing, Geographical Information System (GIS)