

# **Socio-Economics and Adaptation of Farmers to Climate Change in Krishna River Basin (Nagarjuna Sagar Project) of Andhra Pradesh**

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## **ABSTRACT**

The study of socio economic conditions and adaptation of farmers to climate change in NSP right canal under Krishna river basin of Andhra Pradesh was carried out during 2008-09 .The study revealed that an average age of the farmers was 36 years. The education level of farmers showed that 42.92% of farmers were educated upto high school level. The investment on health showed that 35.83% farmers invest their income on health ranging from Rs.10000-20000 year<sup>-1</sup>. It also showed that 67.06% of households were more than 12 year of age and working in cultivation. The average size of farm owned in the present study area was 1.03 hectares and 0.98 hectares was leased farm. Most of the farmers lend their credit from the institutional agencies like banks and cooperative societies. The study also revealed that 59.17 %of farmers adapted strategies to climate change of which 49.29 % of farmers adapted to water saving methods followed by crop diversification 22.53 %, change to livestock by 15.49% and off farm activities by 12.67%. The farmers that obtain the technical information from department of agriculture accounts for 62.5% followed by research stations (27.08%).

**Key words** :Adaptation, Climate Change, Krishna river basin, Socio-economics.