

Effect of Drought on Socio – Economic Status of Rurals in Hamoon County

Abstract

Drought as a natural disaster widespread across different countries especially in hot and dry areas and damage has occurred repeatedly in the field of, economic, social and environmental brought. Though unable to prevent drought conditions in the region and in terms of any natural factors and the occurrence of droughts, there is no course but to confront and reduce its effects can be fitted actions, first step without hesitation, the precise identification of the consequences of this phenomenon and its effect in the different aspect, based on the effectiveness of strategies and approaches that, in this context was to compile and work Therefore it is applied research aimed at investigating the effects of drought on hamoon County Economic and Social condition of the villagers has been done. Of the 65 households in the village over 50 city hamoon conclusions by Sharp frame, 32 random direction village Do research were selected. These villages were based on the household has 2297 number of samples necessary for Cochran formula 329 questionnaire was calculated In order to provide a data. Validity of content, with some letter of inquiry is the owner of experts in the field of economic, social and natural resources was approved. To determine the reliability a questionnaire was carried out prior to the test the value of cronbach's Alpha Index which was calculated 0.8 for the economic, and 0.76 for social- psychological, Index and limit was appropriate. The Analysis of economic and social data with descriptive statistics include mean, SD, frequency and criteria for analysis and comparison of the mean differences include inferential statistics and T-TEST based on the application of the SPSS and EXCEL softwares, was done. The results are based on the index of drought occurrence, especially SPI in 1377-1392 suggests that it was during this 15-year drought on hamoon County but in 1383, rainfall has been apropreated . Among the economic indicators of the impact of the drought, reducing the proceeds of products, reduce the income of the farming products and an increase in the cost of production, and social impact of the drought on the index, rising unemployment, increasing poverty and an increase in stress and mental and emotional stress are respectively ranked first and second, and the third in terms of the answering. Research studies suggest the author of the reduction of 55% agricultural and horticultural products, acreage decreased 56% of the monthly income of the agricultural and horticultural products, reduction of 40% of the average monthly income of households fell 48%, the number of goats and sheep and 68% cattle numbers, increased 17.3% unemployment rate , increased 50% family cover Support for organization-relief, increase the amount of insecurity, increase in pulmonary diseases, kidney, eye and skin in between the family after the drought is fitted. The impact of drought on the amount and rate of migration and marriage of rural has been inefficacy and 50% of households have amount of food only for not to be hungry.

Key words: Drought, Ecosocial Impacts, Rural Households, Sistan, Hirmand River



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