



Factors Affecting the Coping and Adaptive Behavior of Farmers in District Pishin Balochistan

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Abstract—Drought is a slow onset natural hazard which affects all the climatic zones across the globe. The recent literature on drought and projections of climate change indicates that, drought will likely to be very frequent hazard across the globe due to increase in temperature and decrease in precipitation around the world. The current paper determined the factors affecting the farmers' behavior for adaptive and coping measures. An exploratory type of research is used to achieve the objectives of the study. The study has used a sample of 377 households selected for the primary household survey, using simple random sampling due to overall similar socio-economic condition of the people in the study area. The Multiple Regression Model was used to determine the factors affecting the farmers' behavior for adaptive and coping measures. Results of the regression model reveal that household characteristics like family size, disabled individuals and families with daily wages occupation have significant positive relationship with annual economic loss. The study recommends the long and short terms preparedness measures, trainings, support from the government and agriculture extension services to the farmers to combat drought hazard in the study area for sustainable development.

Keywords—Drought, Adaptation, Coping Strategies, Regression Model, Balochistan