



The effect of Climate change in Rural Nepal: Case of Badarjhula of Chitwan district, Province 3, Nepal

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Abstract:

Agriculture is the mainstay for the national economy and the two-third population in Nepal depends on agriculture. Therefore, the effect of climate change for Nepal is more concerned because Nepal has severely been suffering from it. The rural population that mainly depend on agriculture are more vulnerable. Huge and unexpected induced-disasters such as floods, drought, and fire are making hard rural livelihoods. A case study of Badarjhula village (climate prone area) reveals that the huge amounts of agriculture lands have been destroyed by unexpected-flooding and drought for decades. Badarjhula lies in a tropical climate. Agriculture is the most vulnerable sector in this village and their direct effects are seen in the household's livelihood. The results also expose that the water and health sectors are also badly hit due to the causes of climate change. The effects of climate change need to be addressed in order to secure the livelihood of poor rural people in a sustainable way. The main objective of the study to explore the adverse impacts due to climate change at Badarjhula village and discusses some measures for minimizing climate change's effect.

Keywords: Adaptation, adaptation, climate change, green gas emission, human life, & temperature.



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Biography: Mr. Deepak Chaudhary is now a Ph.D. Candidate at the Central Department of Rural development, Tribhuwan University. Before joining the University, Chaudhary worked as a researcher in a social science field and involved in Environmental Impact Assessment (EIA) as Social Expert. He published some books-two in Nepali and one in English. Besides, some articles have been published in the peer-review journal of Nepal. Mr. Chaudhary participated in two international conferences as presenter-one in Dague, South Korea, and another at Bari University, Italy. Similarly, he participated in two international trainings-one at AIT, Hanoi and another at Trondheim, Norway.

[9th World Climate Change Congress, Septeber 21-22, 2020](#)

Abstract Citation: [The effect of Climate change in Rural Nepal: Case of Badarjhula of Chitwan district, Province 3, Nepal, Deepak Chaudhary, Ph.D. Scholar, Central Department of Rural Development, Tribhuwan University, Nepal, 9th World Climate Change Congress, Septeber 21-22, 2020, pp:0-1](#)