

Climate Change 2019 : Extended Abstract Title: Local Resilience Practices to Climate Change: A Study on Coping with Flood Vulnerability of a River-Adjacent Community of Bangladesh

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Abstract :

The geo-physical contexts of different areas of Bangladesh are diverse and distinctive from location to location. Each of the area has distinct characteristics and varied livelihoods pattern. The recent climate change has made different communities of Bangladesh vulnerable to frequent disasters. The impact of climate change has also been visible at river-adjacent communities. So, enhancing community resilience is very important to make the community people capable to cope with climate change and ensure sustainable livelihoods for future. If the community people become resilient, then they can come back in their previous usual situation within very short period after any type of disaster. The Khasbarashimul community is a flood-prone community situated in Sirajganj district of Bangladesh on bank of Jamuna River with having Brahmaputra delta characteristics. Most of the community people are marginalized; and agriculture and day-labouring are the main means of their livelihood. Almost every year, flood occurs and causes tremendous losses to property and livelihoods. The study has aimed to identify the flood vulnerability due to climate change on the Khasbarashimul community people and their livelihoods. The study has been conducted at participatory observation approach using both qualitative and quantitative research perspectives. The study has identified some of the local and indigenous community resilience techniques which the community people usually used to practice as solutions to escape from flood vulnerability by their own knowledge and experiences. Some of other resilience techniques and solutions have also been suggested to make community people more resilient to disasters and flood risks resulted from climate change.

Key Words: Climate Change, Resilience, Floods, Vulnerability

Bottom line: This work is partially Presented at 6th Global summit on Climate Change/Global Warming Effects and Causes October 21-22, 2019 Amsterdam, Netherlands