

## Evaluating the Impact of Extreme Weather (Flooding) Experience on Climate Change Perceptions in Accra, Ghana

**Authors :** Bright Annang Baah

**Abstract :** Evaluating public perceptions of climate change risk and the elements that impact them has been shown to be critical in developing support for climate change action. Previous research has found a variety of elements, including the experience of extreme weather events, that impact public perceptions and worries about climate change. However, little is known about the public's perception of climate change risks and the variables that influence them in developing countries. Using a household survey, this study attempted to evaluate respondents' risk perceptions of climate change, as well as the impact of flooding experience on such beliefs. The findings demonstrate that flood victims have a greater risk perception and are more concerned about climate change than non-victims. Concerns regarding the effects of climate change, on the other hand, were found to be the lowest when compared to other pressing challenges confronting the country. This study's findings contribute to the understanding of climate change risk perception and the impact of extreme weather events from the perspective of a developing nation.

**Keywords :** climate change risk perception, harsh weather, perceived concern, Accra, Ghana

**Conference Title :** ICW 2024 : International Conference on Water

**Conference Location :** New York, United States

**Conference Dates :** September 12-13, 2024