

## **An Evaluation of the Adaptive Capacity of the North-West Geo-Political Zone of Nigeria to Climate Change**

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**Abstract :** Nigerian Population has grown tremendously from about 123 million to about 189 million in 2016 and remain one of the growing population in the world, Nigeria annual growth rate is about 3.2% and the country population is projected to be about 402 million in 2050, over the years Nigeria had and still experiencing series of environmental challenges, one of the paramount of these challenges is the globally shared climate change which is negatively impacting on every sector of the country's economy, particularly agriculture, water resources, bio- diversity loss, floods , droughts and desertification which are degrading the environment especially the North- West geo- political zone of Nigeria, activities like illegal mining, mineral exploitation, air pollution, water degradation are evident in the Nort-West geo political zone, the north-west geo-political zone comprises the following state, Jigawa, Zamfara, Sokoto, Kaduna, Kano, Kebbi and Katsina State, it covers an area of 216,065sqkm with a combined population of 30.6million,the paper aim to evaluate the adaptive capacity of the North-West geo-political zone to cope with the vagaries of climate change, it is an evaluative research that adopted both primary and secondary sources of data, using focus group discussion as its method of data collection, the Astronomical theory was used as intellectual framework, the research however discover that the people of the North-West geo political zone are not prepared for adaptation strategy due to their low level of awareness and are not ready to bear the cost of adaptation, the paper however recommends that government and other stakeholders should embark on massive awareness and advocacy campaign on the consequences of climate change.

**Keywords :** evaluation, adaptive capacity, combating, climate change.

**Conference Title :** ICHASS 2025 : International Conference on Humanities, Administrative and Social Sciences

**Conference Location :** San Diego, United States

**Conference Dates :** January 16-17, 2025