

International Conference on

# EARTH SCIENCE AND CLIMATE CHANGE

September 06-07, 2018 | Zurich, Switzerland

## Effects of climate change and policy recommendation

**Yakubu Muntaka Musah**  
University of Professional Studies, Ghana

Climate change may refer to a change in the average weather condition or in the time variation of weather within the context of longer term average condition. Climate change is caused by factors such as biotic processes, variations in solar radiation, and other human activities that have been identified as primary causes of on-going climate change, often referred to as global warming. There is no doubt that the impact of climate change are beginning to manifest on the entire globe and more particularly on the developing nations. Climate change and climate variability may pose serious challenge to national development. Government and other state agencies have adopted measures to minimise the impact of climate change due to its threat to global development and effort to end poverty. Without urgent action, climate impact could push an additional 100 million people into poverty by 2030. Climate change has a number of issues which has been discussed below,

**Agricultural Issues:** Climate change is a major issues that affect farmer's especially rural farmers within our communities. Farmer's alreadystruggle to get a fair price for their goods, safe guard against weather and pest to stay in business. The impact of climate change is poised to make matters worse for young farmers. This is because there would be a lowin production pattern due to higher temperature. This low production pattern as a result

of climate change have negative consequences on our farmer's income.

**Environmental Issues:** Environmental issues is one major issues caused by climate change. The impact of climate change has led to the various erosion caused either by human activities or natural disaster. Human activities such as sand winning and illegal mining has a negative consequence on our environmental landscape such as erosion. Natural environmental issues such as volcanic reaction also has negative impact on the environment.

**Economic Issues:** One other issue of climate change is economic issues. The economy is likely to setback if agricultural sector that contributes tremendously to the Gross Domestic Product is affected by climate change. This is possible because when there is a change in temperature and farmers yield declined, thisdecline have negative impact on the performance of the economy.

**Settlement Issues:** Many communities will be force to move as they are exposed to rising sea levels, drought etc as a result of climate change impact.

**Social Impact:** Communities are also susceptible to the health concern associated with climate change such as heat related ailmentfrom higher temperature, malnourishment due to increase strain of food.

## Biography

Yakubu Muntaka Musah is pursuing MBA in Petroleum Accounting and Finance at the University of Professional Studies, Accra. He has completed his Bachelor Degree at the same University in August 2013 with distinction. He has presented in Bio plastic conference in 2017, which was held in Paris, France for which he was awarded the Student Ambassador for the conference. And he also awarded as the student facilitator in the Biofuel conference in Edinburg, Scotland.

muntakamusah11@yahoo.com

## Notes: