

ABSTRACT

The aim of the dissertation was to create a climate vulnerability index to comply with the increasing need of policy makers, and other stakeholders to gain a quick overview of complex scientific findings by means of summarized information. It is widely recognized that policy makers need reliable and well- synthesized information about climate change and its impact on the world's population. With majority of the population living in the developing countries, it is important to know which countries are more vulnerable to climate change and its associated impacts. A climate change vulnerability index can help policymakers set priorities in funding and focus more effectively on countries most vulnerable. It will help these countries get the required funding to establish projects that will help them cope with the different effects of climate change. The Climate change vulnerability index (CCVI) calculated in this paper includes takes into account the impact of climatic, social and economic variables and has been calculated for 197 countries.