

A Scoping Review of Trends in Climate Change Research in Ghana

Authors : Emmanuel Bintaayi Jeil, Kabila Abass, David Forkuor, Divine Odame Appiah

Abstract : In Ghana, the nature and trends of climate change-related research are not clear. This study synthesises various research evidence on climate change published in Ghana between 1999 and 2018. Data for the review was gathered using a set of search words performed in Google Scholar, Web of Science, ProQuest, and ScienceDirect following scoping review guidelines stipulated by the Joanna Briggs Institute. Data were analysed using a scoping review. A total of 114 eligible articles were identified and included in the synthesis. Findings revealed that research on climate change in Ghana is growing steadily, and most of the studies were conducted in 2018. Trends in climate change research in Ghana relate to agriculture and development. There is a lack of attention on climate change issues related to women, water availability and management, and health. Future research should therefore focus on addressing these issues in addition to alternative livelihoods for vulnerable people.

Keywords : scoping review, trends, climate change, research, Ghana

Conference Title : ICCVCM 2023 : International Conference on Climate Variability and Climate Modelling

Conference Location : New York, United States

Conference Dates : April 24-25, 2023