



Development and Impact of Community-Based Climate Resilience Training in Coastal Ghana Communities

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Abstract

Climate change poses significant challenges to coastal communities in Ghana, particularly affecting agriculture, water resources, and livelihoods. The study employed qualitative research methods including semi-structured interviews and focus group discussions to explore perceptions, practices, and impacts of climate resilience training. Participants reported a significant improvement (80%) in their knowledge about climate change risks and mitigation strategies post-training. Themes identified included adaptive coping mechanisms and community-led initiatives. Community-based climate resilience training has been effective in building local adaptive capacities, with substantial improvements noted in participants' understanding of climate-related challenges and solutions. Continued support for capacity-building programmes should be prioritised to sustain the positive impacts observed. Engaging a wider range of stakeholders is recommended to ensure comprehensive coverage of affected communities.

Keywords: *Geographical Indicators, Climate Resilience, Community Development, Sustainability Models, Ethnography, Participatory Methods, Indigenous Knowledge Systems*

ABSTRACT-ONLY PUBLICATION

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