



# **Revisiting Climate Change Adaptation Strategies in Nigerian Coastal Communities: A 2006 Replication Study**

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## **Abstract**

This study revisits climate change adaptation strategies in Nigerian coastal communities to assess their effectiveness over time. A mixed-methods approach was employed, combining quantitative data analysis from surveys ( $N = 350$ ) and qualitative interviews ( $n = 15$ ). Data were collected through structured questionnaires and semi-structured interviews to understand adaptation practices and challenges faced by coastal residents over a decade. The findings indicate that while some initial strategies have been sustained, new vulnerabilities have emerged due to increased frequency of extreme weather events. For instance, the proportion of households adopting early warning systems has slightly declined from 60% in 2006 to 55% in 2016. Despite challenges, there is a need for continued support and innovation in adaptation strategies to address new environmental pressures on coastal communities. Recommendations include increased funding for early warning systems and community-based disaster risk reduction programmes tailored to current climate conditions.

**Keywords:** *Sub-Saharan, African, Mixed-Methods, Environmental Sensitivity, Socio-Economic Analysis*

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