



# Climate Justice in Adaptation Financing for Vulnerable African Regions: A Libyan Perspective

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## Abstract

Climate change poses significant challenges for vulnerable regions in Africa, such as Libya, necessitating robust adaptation strategies and financing mechanisms. A qualitative analysis of existing policies and stakeholder interviews was conducted to understand current adaptation practices and identify gaps in financial support for vulnerable regions. Findings indicate a critical need for increased public-private partnerships (PPPs) in financing coastal resilience projects, with at least 40% of surveyed stakeholders favoring such collaborations. The study underscores the importance of equitable adaptation financing to enhance resilience and protect vulnerable communities from climate impacts. Governments should prioritise PPPs for large-scale coastal adaptation initiatives to ensure financial sustainability and inclusivity. Climate Justice, Adaptation Financing, Public-Private Partnerships, Vulnerable Regions The empirical specification follows  $Y = \beta_{0+\beta} p X + \text{varepsilon}$ , and inference is reported with uncertainty-aware statistical criteria.

**Keywords:** *African geography, climate justice, adaptation strategies, development economics, sustainable development, vulnerability studies, environmental ethics*

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