



Policy Coherence in Mauritius: A Survey Research on Climate Change Mitigation and Adaptation

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Nikhil Singh¹ is affiliated with African Leadership College (ALC) and focuses on Energy research in Africa.

Abstract

{ "background": "Mauritius is a small island nation that has been proactive in addressing climate change through various policies and initiatives. The country's energy sector plays a pivotal role in its overall strategy, with efforts to reduce greenhouse gas emissions and enhance resilience to climate impacts.", "purposeandobjectives": "This survey research aims to assess the coherence of Mauritius' energy policy framework in mitigating and adapting to climate change. Specifically, it evaluates how effectively current policies harmonize their objectives and address interrelated challenges such as renewable energy integration, energy efficiency, and disaster risk management.", "methodology": "A structured questionnaire was administered among key stakeholders including government officials, industry leaders, and civil society representatives from the energy sector in Mauritius. Respondents were asked to rate the coherence of existing policies on a scale of 1 to 5, with higher scores indicating better alignment. A mixed-method approach combining quantitative data collection through Likert scales with qualitative insights was employed.", "findings": "The survey revealed an average policy coherence score of 3.2 out of 5 among respondents, suggesting moderate alignment but room for improvement in achieving a more coherent energy policy framework across different climate change mitigation and adaptation objectives.", "conclusion": "While current policies show some degree of coherence, they are not sufficiently aligned to fully address the multifaceted challenges posed by climate change. The findings highlight areas where policy coherence can be enhanced through targeted interventions.", "recommendations": "To improve policy coherence, Mauritius should prioritise cross-sectoral collaboration and stakeholder engagement in developing a comprehensive energy strategy that integrates renewable energy sources with robust disaster risk management strategies. Additionally, regular reviews of the energy policy framework are recommended to ensure its continued relevance and effectiveness in achieving climate change mitigation and adaptation goals.", "keywords": "Mauritius, Climate Change, Energy Policy Coherence, Mitigation, Adaptation", "contributionstatement": "This study provides a detailed analysis of Mauritius' energy policies through stakeholder feedback, offering actionable insights for policymakers to enhance The empirical specification follows $Y = \beta_{0+\beta} p X + varepsilon$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: *Mauritius, Sub-Saharan, Policy Analysis, Sustainability, Climate Change, Energy Security, Integration Studies*

ABSTRACT-ONLY PUBLICATION

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