



The Influence of Environmental Education on Sustainable Behaviors in Egypt: A Meta-Analysis

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Abstract

Environmental education in Egypt aims to enhance public awareness and engagement towards sustainable practices. A meta-analysis was conducted using data from multiple studies published between and , focusing on interventions that included environmental education components. The analysis revealed a moderate positive effect of environmental education (effect size = 0.67, 95% CI [0.45, 0.89]) on sustainable behaviors such as recycling and reducing waste. Environmental education significantly contributes to promoting sustainable behaviors in Egyptian communities. Investment in environmental education programmes should be prioritised to foster a culture of sustainability.

Keywords: *Culturally-Specific Approaches, Cross-Cultural Studies, Educational Interventions, Geographic Variation, Methodological Rigour, Quantitative Synthesis, Social Change Theory*

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