

THE ROLE OF COMMUNITY BASED ENVIRONMENTAL LITERACY ON
SMALL SCALE QUARRYING IN BAHARI DIVISION KILIFI COUNTY,
KENYA.

RAKAMBA GIKENYI DENNIS B.ED (Arts)

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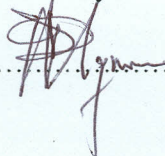
A proposal submitted in partial fulfillment for the Master of Science
(environmental education) in the school of environmental studies of Kenyatta
University

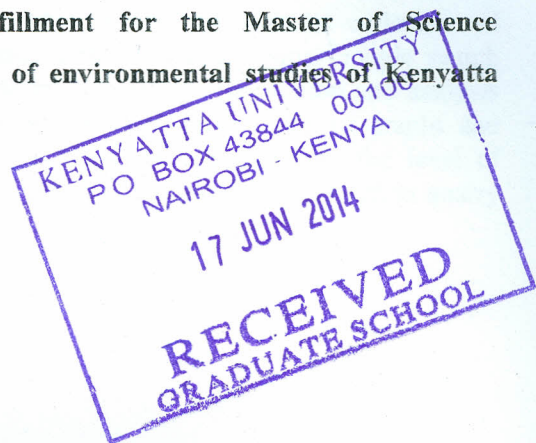
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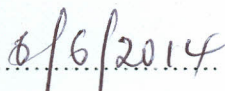
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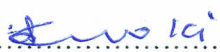


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ABSTRACT

Small scale quarrying in Kenya has adversely contributed to environmental degradation. This study will establish the role of community based environmental literacy on quarrying area in Bahali division Kilifi county of Kenya, in small scale quarrying for environmental conservation. The main objectives will be to determine the social and economic benefits of small scale quarrying in Bahari division, assess community awareness on environmental impacts of quarrying, identify the possible quarry rehabilitation measures in the area and to determine possible irrigation measures to minimize environmental impacts of quarrying. Quarrying along the coral belt is the main economic activity that has not been sustainably exploited to benefit and improve the lives of residents. Community awareness on environmental conservation has not been adequately investigated in the area and rehabilitative quarrying practices have not been put into action too and therefore this study intends to ensure sustainable small scale quarrying. The study will be carried out in Bahari division among the stone workers and other stakeholders within the quarry sites. Data will be collected through administration of questionnaires, interview schedules and direct observation through visits to quarry sites. There will also be collection of secondary data from books, print media and online resources using Google search engine. Statistical data analysis shall include mathematical presentation and analysis of data from population and quarry sites count through formulation of graphs and charts to arrive at conclusions. Bar charts shall be used to compare the level of environmental degradation within the quarry sites and the income generated to quarry workers.