**PROJECT TITTLE;**

**ASSESSMENT OF STUDENT AWARENESS AND PRACTICE ON SOLID WASTE MANAGEMENT IN ZANZIBAR.**

1. **STATEMENT OF THE PROBLEMS**

Since the garbage collection system is not well managed in schools, students dispose the garbage wherever possible mostly in drainage or in the river banks, roads unproved dump sites that lead to the blockage of the drains, environmental and health implication to the students. The open burning and natural decay of solid waste is an important source of greenhouse gases emissions and atmospheric pollutants with the adverse health effects. When this solid waste disposed off on the land in open dumps arounds schools it causes health and environmental implication such as epidemics through stray animals, release of greenhouse gases, generation of inflammable gases, bad odor and pests, ground and surface water contamination through runoff and leachate. Worldwide solid waste management is the major challenge in schools should be solved to ensure sustainable goals. The amount of waste generated from different schools it depends on the size and the number of students, staffs and all workers around the schools. solid waste management in schools is stilling big challenges in developing country especially in Zanzibari due to inadequate provision of basic services in schools such as sanitary facilities, transportation infrastructure and collection, inadequate provision of education on the management of solid waste management. Population of Zanzibar increases with the increase the number of students and finally increase waste generation, majority of the students around Zanzibar their lack of education on the important of management of solid waste. Schools in Zanzibar face a big challenge on solid waste management, in every schools around Zanzibar generate waste which is arising from their daily activities such as classwork, sweeping, serving food, and bush cutting. The common type of solid waste found in schools including plastic bottle, paper, grasses, biscuits, sugar, cane, candy wrappers and corn cobs (Wahab,2003). This waste is generated by the students during breakfast, lunch, and dinner that are offered in schools. Not only food Offered in schools but also some students come up with their package of food and products from home such as bates from their home and their eat during schools’ programs (ojederan.1983). this kind of behavior lead to the high generation of waste from the schools and institution.

The integrated solid waste management should be implemented to manage solid waste in schools in order to reduce the health and environmental implication among students. Little is known about the extent of solid waste management in schools. No study has been caried out in schools especially in Zanzibar. The aim of this study is to assess student awareness and practice on solid waste management in Zanzibar

**1.2 OBJECTIVES**

MAIN OBJECTIVE

1. To assess student’s awareness and practice on solid waste management

Specific objective

1. To determine the practice of students on solid waste management
2. To assess the level of awareness of student’s participation toward solid waste management
3. To assess the challenges of students on solid waste management

Researcher questionnaire

1. What are the practices of students on solid waste management?
2. What is the level of awareness of student’s participation towards solid waste managements?
3. What is the perception of students on solid waste management?

**1.3 SIGNIFICANT OF THE STUDY**

The study may find ways of encouraging schools to participate positively in finding ways of managing solid waste not only in their schools’ ground but also their surrounding communities. The study may also help the Zanzibar government in the finding the solution of solid waste management through promotion of environmental education and education for sustainable community. The research will stimulate further research on the subject in other places. Therefore, the findings and information that will be generated from this study will provide an opportunity for schools performing very poor solid waste management to understand the factors and the effects to ensure effective solid waste management.

**1.4 SCOPE OF THE STUDY**

 scope of this study will cover only solid waste management in assessing the student’s awareness, Practices and their perception towards solid waste management and methods like questionnaire, interview, and field observation will be used to meet the objectives.

**1.5 METHODOLOGY**

**1.5.1 Data collection methods.**

 The data which will be used for this study will both primary data and secondary data. Primary data will be collecting for the first time and secondary data will collected through statistical process from previous studies (Kothari, 1992).

1.5.2 **Data collection tools.**

This study will use interview, questionnaire, checklist and physical observation to collect data, data will be collected from the schools, due to the nature of the study, respondents and cost in time this method make easy to collect data. Also, the consultation of the key information from the internet. The following bellow are the methods will be used to collect data

**1.5.2.1 Physical observation.**

 The investigation will be done through surveying the schools around Zanzibar to assess the level of awareness of student’s participation toward solid waste management, during the observation the photograph of the different schools will take by using camera. Beyond that through the physical observation help to examine the current practices concerned with the solid waste management. make easy to know the challenges facing them on the management of solid waste management.

**1.5.2.2 Interview.**

Is the face to face or through mobile interaction between two or more people with the specific aim in mind (Kothari, 1992). It involves the construction of question which will extract the information from the students which related to the study. Interview between the researcher and students at schools around Zanzibar area will conducting. This method will used to identify the challenges facing the students in schools. Through this method the students will express their challenges facing them on the management of solid waste.

**1.5.2.3 Questionnaire.**

 Is the main data collection instrument will be used in this research to examine the current practices on the solid waste management in schools. This method will be involving a set of question relating to the schools environmental establishing to the respondents, the questionnaire will base on two parts, the first part is biographical data of the respondent and school’s environment. The researcher will be visiting 20 schools with the latter directing to the school’s head master for the permission to access the school’s area and collect data. The researcher walking through the schools environmental and randomly selected 200 respondents from 20 different garage. The list will tick and recording what is observing through the use of camera.

**1.5.2.4 Observation Checklist**

Observational checklist for the sample of 200 respondents that preparing a list of awareness to identify the level of knowledge among the students on the solid waste management. This method will used to identify the level of knowledge by the students around schools. The researcher will be visiting the different schools in collected data. This checklist method will be done through the surveying areas physically and recorded data through physical observation.

**1.6 RESEARCH BUDGRT**

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| SN | ACTIVITIES OR PARTICULAR | COST (TZS) |
| 1. | Transportation | 500,000 |
| 2. | Data collection | 300,000 |
| 3. | Report preparation | 500,000 |
| 4. | Meal and accommodation | 500,000 |
|  | Total  | 1,800,000 |