



## **The efficiency of the solid waste management process in Kirikiththamulla Grama Niladhari Division**

Mandira M.A.T<sup>1</sup> ; Dr. Amarasinghe A.G<sup>2</sup>

### **Abstract**

Inefficient disposal of waste can be ascertained as a social as well as a significant environmental problem. It has also resulted in the creation of varietal waste management issues. Waste management has become a problem both in urban and rural areas in Sri Lanka. Participatory observations, interviews, and questionnaires were employed in gathering primary data for this study. A sample of 50 families in Kirikiththammulla GND was selected and a set questionnaire was used to collect data. Secondary data was obtained through the use of company data, reports, statistics, prior researches in the same field, newspapers and journal articles. Ignorance and carelessness of people, inadequate facilities for waste recycling, attitudes of people, inadequate knowledge in relation to waste management, the rapid increase in waste products, and the absence of an effective waste management mechanisms are the main factors resulting in the inefficient disposal of waste in the study area. To minimize this situation educating the rural communities, improve waste management facilities introduce waste recycling practices and educate the community about the social and environmental impact of waste disposal through formal disposal can be regarded as solutions to the Waste Management Industry.

*Keywords: Efficiency, Solid waste management, Process*

<sup>1</sup>Department of Geography, Faculty of Social Sciences, University of Kelaniya, Sri Lanka. ([mathejavimandira@gmail.com](mailto:mathejavimandira@gmail.com))

<sup>2</sup>Senior Lecturer, Department of Geography, Faculty of Social Sciences, University of Kelaniya, Sri Lanka ([amarageo@kln.ac.lk](mailto:amarageo@kln.ac.lk))