

Community Involvement and Willingness To Pay for Municipal Solid Waste Management Activities in Rapid Urbanized Region: A Case Study of Mnadani and Madukani Wards-Dodoma Urban

Authors : Isabela Thomas Mkude

Abstract : This research was done to assess how the community is involved in waste management activities and their willingness to pay for services. Mnadani and Madukani are among the old wards in Dodoma urban. These two areas are similar and face numerous environmental problems, poor solid waste management practices being among them. People realize problems because they live with them daily but the study advice that the only way to stay off problems is to find appropriate measures. The findings recognized some problems that led to poor community involvement solid waste management the study areas. Lack of community education on how to deal with solid wastes, poor responsibility of ward leaders in issues concerning the environment and in active participation of communities in environmental meeting are among other major problems found during the research. The research also revealed that there is low willingness to pay for waste collection among communities and financial problems that make environmental committee inactive; that leading to a poor disposal and unavailable collection facilities in urban area. Although the municipal improves disposal activities by increasing amount of waste to be disposed off by 11% in three years, the amount of waste that collected is also increasing by 41% each day. It is advised that some corrective measures need to be put in place so that the communities are well involved in managing solid wastes as the best way to attain achievement in keeping the urban free from solid waste. Environmental education dissemination to the communities is needed so that they become responsible and dedicated citizen on the environment. There should be some incentives from government to the wards local government and CBOs so that they can practically implement solid waste management programs and to attract formation of more groups and motivate the present groups. Capacity building programs to the ward leaders need to be given priority so that leaders are well organized and able to plan, coordinate and cooperate with various governmental institutions, and NGOs responsible for development and environmental management.

Keywords : solid waste, waste management, public involvement, rapid urbanized region

Conference Title : ICSW 2015 : International Conference on Solid Waste

Conference Location : Paris, France

Conference Dates : February 23-24, 2015