

عنوان مقاله:

Effects of hazardous waste discharge from the activities of oil and gas companies in Nigeria

محل انتشار:

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خلاصه مقاله:

The paper focused on the economic effects of hazardous waste due to oil and gas companies in Rivers State. It include direct, indirect, and induced impacts on jobs, labour income and value addition. Hazardous waste, could be a source of job creation and revenue generation, if properly managed. However, poor management of hazardous waste can cause great danger to environment, plants animals and human life. There are five major waste disposal dumpsites in Port Harcourt metropolis. The present study was restricted to three functioning dump sites at Rumuorlumeni, Igwuruta, and Elioazu. Data were collected from a wide range of subjects to elicit acceptable generalization, and then analyzed and tested in the laboratory. The results showed the p values of the dumpsite dot and parameters measured are significant at 5%, while the p-value of the locations considered is significant at 10%. Hence, there is a significant difference among dumpsite dot parameters measured and the three locations considered. The least squared difference comparison tests were done to identify the significant factors. It showed that the regions where hazardous wastes are dumped are barren due to the presence of heavy metal as they render the soil unfertile to permit crops and .plants to germinate and affect on agriculture

کلمات کلیدی:

Ecosystem, Effluent, Environment, hazardous waste, Morbidity, mortality, toxicology

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