



Conferences News About Us Job: Home Journals Books Home > Journal > Earth & Environmental Sciences > JWARP Open Special Issues Indexing View Papers Aims & Scope Editorial Board Guideline Article Processing Charges Published Special Issues JWARP> Vol.3 No.9, September 2011 • Special Issues Guideline OPEN ACCESS JWARP Subscription On the Physical Composition of Solid Wastes in Selected Dumpsites of Ogbomosoland, South-Western Nigeria Most popular papers in JWARP PDF (Size: 66KB) PP. 661-666 DOI: 10.4236/jwarp.2011.39076 **About JWARP News** Author(s) Samson Ojoawo, Oluwole Agbede, Abimbola Sangodoyin Frequently Asked Questions **ABSTRACT** Solid wastes have varied compositions and constituents from place to place. The study area is not an Recommend to Peers excep- tion. The entire 5 Local Government Area (LGA)s of Ogbomosoland were surveyed and about 40 major dumpsites were identified across the spread. Twenty-five (25) of these were selected, five (5) each Recommend to Library per LGA, for the study. The wastes were collected from the dumps, sorted, weighed and classified according to their constituents. The densities of wastes from the 25 dumpsites were also determined. The overall Contact Us average composition using the main classes of wastes were found to be food; 68.4%, metals; 7.2%, textile; 4.6%, papers; 4.4%, plastic; 3.9%, glass; 3.6%, wood; 3.1%, and miscellaneous; 4.8%. The average waste density for the study area was 438.1 kg/m3. Putrescible materials dominated the waste composition of the Downloads: 402,262 study area. The components of wastes in the city revealed a higher standard of living when compared with those of the residents in the environs. Rural residents generate denser wastes when compared with the Visits: 1,011,119 urban centres and as such are prone to leachate pollution emanating from these organic wastes. The ingress of leachate is a threat to the groundwater resources of the study area. Sponsors, Associates, ai KEYWORDS Links >>

Solid Wastes, Leachate, Pollution, Ogbomosoland

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