

Solid Waste and Its Implications for Climate Change in Nigeria

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ABSTRACT This study presents Nigeria's solid waste generation, characteristics, current management practices, greenhouse gases (GHGs) emission particularly contribution by the solid waste sector, and the implication for climate change. The study reveals that based on the current solid waste generation, management practices and future potentials, the waste sector will be a significant contributor not only to Nigeria's GHGs emission, but to the world. As a mitigation option the study recommends formalization of recycling into the waste management system to reduce land filling.