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## Study on Construction Material Waste Management

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Abstract: Construction Waste Management is an aspect of Sustainable Development, which is fueled by the growing concern for the effect of man's activities on the environment. The management of Construction processes to reduce, reuse, recycle and effectively dispose of wastes has a serious bearing on the final cost, quality, time and impact of the project on the environment. This research studied the practice of Construction Material Waste Management by firms in Nigeria by the use of structured questionnaires to senior construction-professional personnel of construction firms. The study found out that specific Government legislation on wastes from construction sites were non-existent and that the respondents considered other project goals of timely project delivery, quality and cost as more important than the impact of the project on the environment. Most respondents displayed a poor understanding of waste management and most companies did not have a policy on Material Waste Management. The paper recommends that the Nigerian Government puts in place legislation regarding construction site waste management. Professional bodies and academic institutions in the country should seek to further educate their members on the importance of effective material waste management strategies.

**Keywords:** Construction Waste Management, Government Legislation, Nigeria, Policy, Sustainable Development, construction and demolition waste, waste management, bibliometric search, scientometric analysis, science mapping, holistic review.

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