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Construction Waste Management

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Abstract: - This study contains the general application of a construction waste management plan is to minimize the number of materials going to landfills during construction by diverting the construction waste and demolition and land clearing debris from landfill disposal. The construction and demolition waste has been correspondingly increased enormously which results in nasty and fatal impacts on urban sustainability and survival in the term of economic values and environmental safety. In literature, various methods have been employed to quantify the C&D waste generation at both regional and project levels. However, an integrated review that systemically describes and analyses all the existing methods has yet to be conducted. To bridge this research gap, an analytical review is conducted. Papers are retrieved based on a set of rigorous procedures. The characteristics of the selected papers are classified according to the following criteria - waste generation activity, estimation level and quantification methodology.

Keyword: - Construction Waste Management, Landfills, Debris, Sustainability, Environmental Safety, etc.

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