

CONSTRUCTION MATERIALS INCORPORATING DISCARDED TIRES

By Tarun Naik, Shiw Singh, Robert Wendorf and Henry Kolbeck

Reference: CBU-1992-30

ABSTRACT

Majority of discarded tires generated in the USA are either landfilled or stockpiled. This results in increased environmental and health problems, and lost resources and energy recovery. These problems have forced researchers and scientists to develop constructive use options for discarded tire as alternatives to landfilling or stockpiling. There are several reuse options for scrap tires. This paper presents the state-of-the-art information on the use of tires in roadway construction work as well as other low-cost construction material which have high potential to consume most of the tires produced in the country.