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Globally, construction waste is becoming a serious environmental problem in many large cities in the world due to large quantities of waste generated throughout the construction and demolition activities. Attitudes and behavior are corner stones in the construction waste management, and their understanding can contribute to solving many waste management problems. The main objective of this study was to determine the factors that affect contractors' attitudes and behavior in construction waste management in the southern West Bank of Palestine. The findings showed that contractor size, following waste reduction practices, and number of unskilled labors, are significant factors explaining contractors' attitudes toward waste management; while following waste reduction practices, perception of construction waste environmental impacts, number of skilled and unskilled labors, and training of field supervisors are significant factors affecting contractors' behavior regarding waste management. The study recommends upgrading the current legislations to create integrated and comprehensive waste management system.



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