

Municipal Solid Waste Management and Analysis of Waste Generation: A Case Study of Bangkok, Thailand

Authors : Pitchayanin Sukholthaman

Abstract : Gradually accumulated, the enormous amount of waste has caused tremendous adverse impacts to the world. Bangkok, Thailand, is chosen as an urban city of a developing country having coped with serious MSW problems due to the vast amount of waste generated, ineffective and improper waste management problems. Waste generation is the most important factor for successful planning of MSW management system. Thus, the prediction of MSW is a very important role to understand MSW distribution and characteristic; to be used for strategic planning issues. This study aims to find influencing variables that affect the amount of Bangkok MSW generation quantity.

Keywords : MSW generation, MSW quantity prediction, MSW management, multiple regression, Bangkok

Conference Title : ICWMEE 2014 : International Conference on Waste Management and Environmental Engineering

Conference Location : Bangkok, Thailand

Conference Dates : December 24-25, 2014