

Analysis and collection practices and disposal of municipal solid waste and optimum location using GIS software (Case study :Somaesara)

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Abstract location using GIS software Given that the economic, industrial and service times, affect the environment is very important. How to collect, correct and principled conduct and municipal solid waste landfill could be environmentally sustainable development. The present study aimed to investigate the practices of collection and disposal of solid waste and its optimal location in the city Somesara, the analytical method and using the analytic hierarchy process to geographic information system has been done. 48 tons of garbage generated daily in the city Somesara 35 to 40 tons of waste daily in Sowme'eh Sara, 6 tons and 2 tons in Gurab Zarmikh Tvlmshhr the amount of waste produced compost is transferred to the company. The majority of production-related waste, domestic waste, part of the city Sowme'eh Sara and Gurab Zarmikh waste separation and segregation of the waste in Tvlmshhr Mygyrd.yky way to reduce waste, sorting of origin and citizens must be given the necessary training. The highest volume of waste is waste and scrap materials, old houses. In now part of the collection at Qsabsra that the land is enclosed, shed and then poured sand, disappears. ZM garbage depot in a temporary location that is then transported to the landfill in Capt. **Key words:** location, solid and urban waste, city Somesara, GIS

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