

Assessment on municipal waste released, management and recycling in supply chain in major three cities of Nepal

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Abstract

In Nepal solid waste management is one of the major environmental issues, especially in the urban areas. While solid waste management (SWM) has become a major concern for municipalities and the country as a whole, the status of SWM is not fully understood due to the lack of SWM baseline data, which are also essential for effective planning. On the other hand plastics based waste management and recycling activities in the major cities of Nepal has not adopted in the sustainable manner. Such a back drop, this research attempts to assess the plastic waste released, management and recycling in supply chain in three cities in February to August, 2018. A total 150 city households level information (@ 50 HHs/city) were collected using personal interview schedule and a weekly total waste volume from household level had been taken. Further, waste collection, distribution, management and recycling data in supply chain were collected from street wrappers, small and big Kabaadi shops and plastic industries from cities using rapid market appraisal technique.

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Speaker Publications:

1. “Drudgery reduction for women in agriculture sector in Nepal: An analytical study”; *Archives of Agriculture and Environmental Science* (2019), 4(4): 449-463