



Role of culture improvement in municipal solid wastes management

P. Ahmadi¹ and N. Abedinzadeh²

1. Member of Research Group, Environmental Research Institute of Jahad Daneshgahi
2. Member of Educational Board, Environmental Research Institute of Jahad Daneshgahi

With increasing cities' population, development of civilization, extension of industrial activities and changing in consumption pattern, a huge amount of solid waste are produced annually in our country, for accelerating its control and optimization in form of recycling, cooperation of all people is needed. According to existing statistics, about 3.5 million ton of solid waste are produced daily in all over the world, which the share of our country is about 40000 ton/day. At the present time a considerable amount of produced wastes in the country are land filled but not hygienically or are spread out on the surface of earth. The produced solid wastes include various components, which a lot of these components such as paper can be reused. In Iran, after degradable material, paper and card Board are the second valuable and recyclable components, which form 10 % of solid waste components. Recycling of paper can reduce environmental pollution, forest protection and improvement in economic condition. In addition, paper recycling reduces air pollution up to 74 % and water pollution 35 % which are the most basic environmental factors. Considering the public role as solid wastes producers, necessity of creation a proper culture in terms of decreasing solid wastes production and solid wastes separation from source production via public training, seem absolutely important. The main aim of training is increasing reasoning level, knowledge, ethic of people and increasing their responsibility level in the society.

Keyword: Culture making, Solid waste, Recycling, Education

¹ Corresponding author

Email: p_ahmadiattar@yahoo.com