



***ICEEM/03 – ENVIRONMENTAL ENGINEERING
SECTION***

Solid Waste Management

**FIRST REGIONAL LANDFILL IN SERBIA –
LOCATION CHOICE**

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Abstract

Regardless the type of waste treatment we may decide on, there is always certain waste quantity to be disposed at the landfill. Regarding that landfill environmental impact may indeed be significant for human health or landscape features, a sound location choice is of particular social concern and requires integral approach for avoiding potential spatial conflicts. This paper outlines the concept of Multiple Criteria Analysis and evaluation of territorial and other elements for the choice of Municipal Solid Waste (MSW) landfill location and quality appraisal of relevant indicators and criteria. Such concept was applied for the first time in Serbia in 2005 while deciding on microlocation of the first regional landfill for MSW treatment. Location choice was made at the territory of Kolubara region comprising of 11 municipalities for which, by the end of 2007, it should be developed the first sanitary landfill of a regional character in Serbia.

Keywords: regional landfill, location, criteria, Serbia

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