

USING GIS AND ANALYTIC HIERARCHY PROCESS IN DETERMINING THE SUITABILITY OF LAND FOR CONSTRUCTION OF WASTE FACILITIES IN FEDERATION OF BOSNIA AND HERZEGOVINA

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In the Federation of Bosnia and Hercegovina there no adequate area and system for processing hazardous waste , such as eg . Medical or the electronic. The construction of such facilities requires extensive planning with special emphasis on the protection of nature and environment. We also need to explore in detail the terrain and location of future space for waste facilities. The method of selecting the optimum location is interdisciplinary and requires a greater number of experts and criteria. As support of the decision-making process were selected AHP - analytical hierarchical process and the basis for decision-making are taken raster maps obtained in GIS tools. Combining these two tools will get a map with the optimal areas for construction of depots , which will facilitate their decisions planners in future plans.

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