

Soil Pollution in Mitrovica Town Surroundings as a Consequence Of Mining and Industrial Processes in Trepca Mine

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Abstract: Mining and metallurgical activities are among the main factors of the atmospheric pollution in the earth, as in the recent past and also nowadays, especially considering the rapid technical and technological development and the need ever larger underground resource. The town of Mitrovica, has the largest complex metallurgy and mining in Europe known as "Trepca", known for exploitation of lead, zinc and cadmium, which town has been, and unfortunately continues to be, one of the most polluted cities in Kosovo as in air, soil and water, in particular neighbourhood "2 Korriku", which is located between three industrial waste disposal sites, and all this as a consequence of mining and metallurgical activities of the "Trepca" mine. The purpose of this paper is to make research of the impacts of the mining and metallurgical processes on the degree of pollution in "2 Korriku" neighbourhood, determining, in particular, the heavy metals presence in soil. To reach the results of the impact on the soil pollution the following methods have been used as: Reviews of scientific materials related to field of study: Laboratory Research, with sophisticated equipment-UK AAS (atomic absorption spectrometry).

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