



## **The level of concentration of lead, zinc, cadmium and nickel in urban soil of 2 Korriku, Kosova**

Mihone Kerolli, Flora Zabërgja, Shefqet Rashani, Hamdi Visoka, Elvane Kelmendi, Ramadan Uka

*University of Prishtina-Faculty of Mining and Metallurgy, 2Environmental NGO-Eko Trepca, Mitrovica*

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**Abstract:** This study investigated the concentration of heavy metals at “2 Korriku” quarter of Mitrovica, in Kosova. The “2 Korriku” quarter where the studying took place is situated near the Mitrovica Industrial Park and the Zveçani metallurgy landfill (waste disposal place) that comprise the main source of pollution. The studying extracts the level of urban soil pollution with metals of lead, zinc, nickel and cadmium. The determination of heavy metals was executed with the spectrophotometer method of atomic absorption SAA, at Kizhnica laboratory. The results of the analysis confirm that the contamination with heavy metals is enormous. The largest contamination is from lead (4,650mg kg<sup>-1</sup>) and from zinc (4,700 mg kg<sup>-1</sup>).

**Key words:** *heavy metals, urban soil, pollution, 2 Korriku*