



## **Study on Contamination of Surface Waters in Mitrovica Suburban Area**

F. Dobroshti<sup>1,\*</sup>, I. Malollari<sup>1</sup>, B. Baruti<sup>1</sup>, N. Lajqi<sup>1</sup>, D. Salihu<sup>1</sup>, M. Kelmendi<sup>2</sup>

<sup>1</sup>*Faculty of Food Technology, University of Mitrovica, KOSOVA;* <sup>2</sup>*Faculty of Natural Sciences, University of Tirana, Tirana, ALBANIA*

*Received May 24, 2014; Accepted June 29, 2015*

**Abstract:** City of Mitrovica is situated in the northern part of Kosovo. It is known as a major centre of mining-industrial and as the most polluted place, not only within Kosovo, but also wider, at the European dimension. As a result of our study, pollution in Mitrovica with the surroundings, is caused due to an over-exploitation of mineral resources, intensive development of ferrous metallurgy, chemical industry and above all, as consequently wrong location of industrial facilities and buildings, as well as due to the outdated technology which was used in the industry. (It is estimated that nearly half of Kosovo's mineral reserves, about 49.7%, is concentrated in the vicinity of Mitrovica City). The large number of polluting facilities found in a relatively small space area, high rate of exploitation, terrain configuration and climate conditions with wind rose, inadequate urbanistics arrangements, *etc.*, has brought about a high degree of environmental pollution, making life difficult for the population of Mitrovica and in all vicinity places.

**Keywords:** *Waters pollution, Suburban Area, Mitrovica, environmental*

---

\*Corresponding: E-Mail: florentdobroshti@hotmail.com; Tel: 00386 49 147 628; Fax: /