

URANIUM (U) CONCENTRATIONS IN THE SOIL OF THE TUZLA'S URBAN AREA

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The paper presents the results of the pedological-geochemical researches of the soil in the Tuzla's urban area. The conducted researches, among the others, included the analysis of soil samples on radioactive element uranium (U). The research has required the few stages of research and application of different methods, such as literature analysis, the preparing of the work concept and the order of researches, terrain researches, analysis of the soil samples and drafting of the thematic maps and tables etc.

Increased concentrations of U in soil samples are registered in several local communities located mainly on west and southwest of the investigated area. The conducted research results indicated that increased concentrations of this radiotoxic and cancerogenous element in the analyzed area are mostly the consequence of human activities.

Key words: uranium (U), soil samples, increased concentrations, environment, Tuzla