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Radioactivity concentration in soil samples taken from region of Banja Luka (Bosnia and Herzegovina)

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Surface soil samples (0-15 cm) were collected from the region of Banja Luka (Bosnia and Herzegovina), in order to evaluate their radioactivity. Concentrations of radionuclides in samples were determined by γ -ray spectrometer using HPGe detector. The obtained results of uranium and thorium series as well as potassium K-40 and Cs-137 activity concentrations are discussed. The radioactivity levels are compared with the results from other countries.

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