



## **Radon Concentration in some Buildings in Pristine, Kosovo**

S. Makolli<sup>1,\*</sup>, V. Lajqi<sup>2</sup>, K. Dollani<sup>1</sup>, I. Malollari<sup>1</sup>, K. Berisha<sup>3</sup>

<sup>1</sup>University of Tirana, Faculty of Natural Sciences, Albania; <sup>2</sup>Ministry of Environment and Spatial Planning, Republic of Kosovo; <sup>3</sup>University of Prishtina, Faculty of Geosciences and Technology, Republic of Kosovo

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**Abstract:** Objective of this research was the measurement of the Radon concentration in some buildings in Prishtina. The measurements have been carried out in main urban areas and key centre of the city using the active method by monitoring Radon continuously. The concentration of Radon has been measured in various locations of the buildings. The time of the measurements was 24 hours in a closed environment for every case during several months continuously. The obtained results show that in Prishtina city, the level of Radon gas in some buildings exceeds many times the reference level established by international organizations. Maximum level reaches to 631 Bq/m<sup>3</sup> where the biggest presence of Radon is found in the basements of collective buildings which have been adopted for living. The highest concentration of Radon is found during the night as a result of weak ventilation.

**Keywords:** *Radioactivity, Radon concentration, Radon health risk, environment pollution*

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\*Corresponding: E-Mail: samimakolli@hotmail.com; Tel +377(0)44116964