



Methods and Methodologies for the Seismic Hazard Assessment for Microzonation Purposes: Tirana City Case

Elsa Veseli^{1,*}, Altin Karriqi¹, Ardit Hajrullai²

¹*Geology and Mine Faculty, Polytechnic University, Tirana, Albania;* ²*GeoSeis-IT Consulting, Tirana, Albania*

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Abstract: A review of the methods and methodologies applied in Albania in recent years for the assessment of seismic hazard for microzonation purposes is undertaken, including Seismic Intensity and Peak Ground Acceleration (PGA) as basic seismic parameters, both assessments carried out through deterministic and probabilistic procedures. The importance of assessment of seismic hazard using the probabilistic approach, which permits to add in the analysis the quantitative notion of earthquake return period, is noted.

Keywords: *Probabilistic seismic hazard, deterministic seismic hazard, seismic microzonation, seismic coefficients*

* Corresponding: E-Mail: ing_elsaveseli@hotmail.com,