



The new seismic macrozoning of the territory of Romania, based on revalued of the isoseismal maps, corroborated to complex geological and geophysical data.

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The revaluation of the seismic macrozoning of the territory of Romania is fundamental and complex, by these researches we will scientifically change radically the antiseismic design of the resistance structures. The revaluation of the seismic macrozoning of the territory of Romania became crucial and extremely pressing, because its achievement and application will drastic reduce the seismic risk, that is, the human lives and the material losses. The revaluation of the seismic macrozoning of the territory of Romania will be achieved by the integration of the revalued isoseismal maps (Pantea et al., 2004), (Pantea et al., 2005), (Pantea et al., 2006), both of the major normal and intermediate earthquakes occurred on Romanian territory in the XXth century (Nov. 10, 1940 - MGR = 7,4; March 4, 1977 - MGR= 7,2; August 30, 1986 - MGR= 7,0) and the isoseismal maps of the historical earthquakes from the XVIIIth and XIXth centuries (1790, MGR= 6,8, 1802, MGR= 7,7; 1829, MGR= 7,0; 1838, MGR = 7,3 etc.) and to corroborate them to complex existing geological and geophysical information. In the revaluating process we will use two seismological up-to-date methodologies (Pantea et al. 2004, Pantea et al. 2005), aproved by the Ministry of the Transport, Buildings and Tourism, published in the Romanian Official Monitor. These methodologies were drawn up the specificity of the Romanian territory seismicity and are concordant to EMS-98.