

Earthquake Scenario for the Town of Vratsa

D. Solakov, S. Simeonova, **I. Popova**

Geophysical Institute - BAS (iliana@geophys.bas.bg / ++35929793936)

Earthquake scenario for the town of Vratsa (43.21 N, 23.56 E) is produced using all available seismological and geological data. Vratsa is affected from strong earthquakes of seismic sources on the territory of Bulgaria. The territory of Vratsa itself has low seismicity. In the model of scenario are include maximum observed local seismic intensity $I = VI$ (MSK) (1904, 41.80 N 23.10 E, (Krupnik) $M=7.8$) and maximum predictable local intensity $I = VII$ (MSK) from the (macro) seismic intensity map for the territory of Bulgaria.