



ABSTRACTS

8. Bofu Constantin, Crenganis Loredana: **SEISMIC HAZARD ANALYSIS OF BUILDINGS IN IASI CITY USING GEOGRAPHICAL INFORMATION SYSTEMS**

Natural hazards, and especially earthquakes, are often recurring phenomena. Therefore, there is a permanent need for solutions to reduce earthquake losses by developing technologies, procedures, knowledge, and tools for seismic design and rehabilitation of buildings and infrastructure. The analysis of the current status of the buildings may be needed in certain situations and the realization of technical expertise for risk assessment. Based on the obtained data by applying the expertise, it results the need of some work to limit the effects of the quake. Altogether, the data from the technical expertise improves the database from the cadastral evaluation of the studied areas.

Organisers



Technical University of Civil Engineering Bucharest
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Partners



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