





and educational activities.

Bucharest.

platform. Some objectives are aimed:

- To train students and teachers how to make analysis and interpretation of seismological data;
- To improve the participation rates in physical sciences for students;
- To raise awareness of geoscience as a scientific discipline for pre-university students;

considered as an effective strategy to communicate safety messages to the entire community.





SEP seismometer installed in a high-school,



- (Bucharest, Iasi) or high populated places (Cluj, Sibiu, Timisoara, Zalau).

BUILDING AN EDUCATIONAL SEISMIC NETWORK IN ROMANIAN SCHOOLS

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Scientists, teachers and students through different actions: visits, open lessons, facebook, e-learning

CONCLUSIONS

- the visits in schools and the workshops for teachers give us certitude that the use of scientific equipment like seismometer and practical activities from the educational materials will stimulate the interest of students for earth science topics and knowledge in general; - jAmaseis is not setted to compute magnitude with SEP seismometer and is necessarily to implement a magnitude formula into e-learning platform; - earthquake locations can be done in jAmaseis but the locations module will be implemented into elearning platform;

- the program provides opportunities to introduce earthquake, seismology, plate tectonics topics, earthquake effects on surrounding environment and buildings into school curriculum; - the program and associated educational materials represent a wide range of information related to seismology.

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References

Jones Alan. AmaSeis: An IRIS program to acquire seismometer data. http://harvey.binghamton.edu/~ajones/AmaSeis.html jAmaseis: http://www.iris.edu/hq/programs/education_and_outreach/software/jamaseis

