



## THE «SCHOOL STUDY EARTHQUAKES» PROJECT RESULTS AND FUTURE PLANS

Chouliaras Gerasimos\* (1), Cavas Bulent (2), Cerri Luigi (3), Chaniotakis Manolis (4), Di Martino Flora (3), Donertas Medine Elif (2), Drakatos George (5), Hadjitodorov Stefan (6), Ivanov Philip (6), Kouzov Orlin (6), Makropoulos Kostantinos (7), Mavromanolakis Georgios (4), Papaevripidou Marios (8), Pavlou Yvoni (8), Pavlova Daniela (6), Potsidi Marianna (4), Sotiriou Sofoklis (4), Yoshinov Radoslav (6), Zacharia Zacharias (8)

(1)National Observatory Of Athens, (2)Dokuz Eylul University, Izmir, Turkey, (3)Innovazione Didattica, Fondazione Idis - Città della Scienza, Naples, Italy, (4)Research and Development Department, Ellinogermaniki Agogi, Pallini, Greece, (5)Geodynamic Institute - National Observatory of Athens, (6)National Research Network Association, Sofia, Bulgaria, (7)Section of Geophysics-Geothermics, Department of Geology and Geoenvironment, National and Kapodistrian University of Athens, (8)Research in Science and Technology Education Group-Department of Education, University of Cyprus, Nicosia, Cyprus

\* g.choul@noa.gr

South Eastern Europe and Turkey exhibit the highest seismicity in the Mediterranean Basin and the North Anatolian Fault System. In order to stimulate the interest of young students in seismology in this earthquake prone region, a consortium of research centers and centers centers from 5 countries developed the "Students Study Earthquakes" (SSE) project network, under the European Union-Erasmus+ framework, in 2015. The SSE network of schools monitor and study real-time earthquake data from 18 seismographic stations that are mostly located in schools in Bulgaria, Cyprus, Greece, Italy and Turkey. The network employs the TC1 vertical seismometer, especially designed for educational purposes and easily assembled by teachers and children. At each seismographic station, the real time earthquake waveforms are collected with the Jamaseis educational seismology software on a local PC that is part of the distributed school network operated by the Institute of Geodynamics, National Observatory of Athens. This data is shared amongst the network of schools and teachers play a key role in developing and applying innovative educational tools. The results of the SSE project concerning the recent seismicity (2015-2017) in South Eastern Europe and Turkey, will be demonstrated in this presentation and student-teacher interaction and network sustainability will be discussed.