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Seismicity of the Greek and surrounding areas

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Teaching Geography in the first class of high school is an opportunity to make a project about earthquakes and tectonic plates.
By the end of this project students will be able to:
1.Describe the differences between continental and oceanic crust.
2.Identify the three types of plate boundaries.
3.Realize the geologic features created by each type of plate boundary.
4.Learn the different types of earthquakes that occur in this area, and how we can reduce risk of losses from future earthquakes.
5.Describe how earthquakes and their impacts are measured (Magnitude and Intensity).
They will work in small groups of 2-3 students and will find out about largest earthquakes, significant events, lists and maps by magnitude, by year or by location, in the Mediterranean region.
The research activities include the websites:
http://www.oasp.gr , http://www.gein.noa.gr/,
https://phet.colorado.edu/en/simulation/plate-tectonics/ and a visit in the Institute of Geodynamics of National Observatory of Athens. This Institute is substantially supported by the national seismograph network as well as by the networks of strong motion instruments and of GPS.
Finally students will make presentations and discuss the results.