



InSight / Explore the link between seismic records and weather phenomena

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This poster will present how teens students (from middle school) are led to link the effect of the environment on the seismic records.

When a seismometer is running at school (<http://edumed.unice.fr>), pupils can record data from seismic activity. Sometimes the school's seismometer records a very strange signal. Student constructs hypothesis and test them with data collected by a weather station and the seismometer. The seismic noise seems to be linked to the wind...

From the classroom, and by the use of sensors, students proved that a seismometer can record on the Earth, the weather, especially the wind... but the swell vibes hide the others signals. On Mars, with InSight mission (<https://insight.oca.eu>), there is no oceans ... and SEIS will probably record the weather and the seismic waves.