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Abstract

Nepal is located above the convergent plate boundary between the Indian and Eurasian plates. Therefore, it has experienced devastating earthquakes throughout history, claiming lives and causing significant damage. After the Gorkha earthquake in 2015, Nepali people are eager to know more about earthquakes and seek safety. A proper education in schools not only teaches the children, but also reaches deep across their families into the community. Earthquake education reaching a broad group of the population early in their life is strongly needed.

Our initiative aims to introduce seismology into Nepali schools with the specific focus on education and crowdsourcing. We aim to develop several educational activities within this initiative in schools. We have started this scheme in the Western Nepal region, where seismologists expect a great (M>8) earthquake, by installing low-cost seismometers in 20 schools and then hoping that the example spreads to other areas. The data will be made available freely and used to make shake maps, so that crowdsourcing will also be useful for scientific goals such as earthquake detection etc.





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Working together for earthquake education and better preparedness