

NEWSLETTER

Fourth Quarter, 2011

International Installations

To maximize the chance of capturing earthquakerelated signals, QuakeFinder instruments need to be located where there is a history of earthquakes and specifically in areas that are "overdue" for a major quake. Bob and Rey Camins worked hard this fall to build, configure and ship instruments in time for three long overseas trips. Tom Bleier went to Peru, Taiwan, and Greece and installed four sites in each country.

In Peru we concentrated on the southern border area near Chile, where a large quake is expected. The sites varied from farms to the <u>Biondi Pisco winery</u> and a small village on a cliff overlooking the Pacific. Finishing at night time was not unusual, and the volunteers from the Catholic University in Lima (PUCP) were a great help, working through some difficult Internet interfaces.

Clark Dunson accompanied Tom to Taiwan, where we covered mostly the east coast areas. The university teams were really helpful, the local sights were quite exotic, and even some of the dogs were unique. At these sites we used steel cable hold-downs to handle potential 100+ mph typhoons!

In Greece we installed a site at the National Observatory of Greece, literally within sight of the Parthenon. While the sites were beautiful and the food great, the weather was cold and rainy. We could have used some help from Athena to bring back the legendary sunshine!

New Data Viewer

The QuakeFinder team has been busy with more than network expansion this year. To support the increasing volume of data being collected, Ciro Alvarez has been working on a major upgrade to the data center was undertaken. At the same time, we've been working to make it easier for our web site visitors to find and view our data.

You can now select a location using postal codes, addresses, latitude/longitude, or place names and quickly find the QuakeFinder sites near that location. Then you can easily look at the data collected by the stations on dates that you specify, and even find earthquakes that occurred near the selected location. And you can see all this overlaid on Google Maps - look for it soon at www.quakefinder.com.





Peru



Taiwan

Goals and Fund Raising

QuakeFinder's mission is to save lives by forecasting earthquakes. The entire team expects to look back with pride on having been involved with a project that impacts the health and safety of millions.

But to get there, we need to capture and analyze signals from more earthquakes so we can better understand the relationships and build a reliable forecasting model. To do that sooner, we must keep expanding the network as quickly as we can. Our goal is to install 100 sites per year for the next five years. This requires new sponsorship of \$1,000,000 per year.

You donation, in any amount, will help achieve these ambitious goals. Please visit our donate page, email us today or call Tom Bleier at 650-473-9870 to contribute or to connect us with those who can offer major support.



Greece



Global sites

QuakeFinder is a humanitarian R&D project supported primarily by <u>Stellar Solutions</u>. Our work, based on sound scientific theory and practice, aims to create a system for short-term (days to weeks) forecasting of major earthquakes.



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