

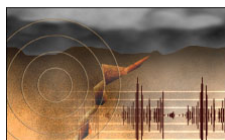


First Quarter 2007

## A word from the President

QuakeFinder dedicated the final months of 2006 refining our sensors and getting ready for the American Geophysical Union (AGU) Conference in San Francisco, December 2006. Our current studies continue to draw attention from the scientific community like USGS and other governmental agencies.

We are delighted by the acceptance of 6 posters and 1 presentation at the AGU conference which signifies our continued recognition in the scientific community. Our next task involves converting posters and presentations into scientific papers for journal publication. Participation in the AGU conference garnered credibility of our methodologies within the global scientific community. Not only did we maintain past relationships, we established new contacts with foreign nations—such as China, India and others—who are interested in our technologies. The ability to develop earthquake forecasting technology continues to expand worldwide.



QuakeFinder has been refining the ULF data algorithms and fixing some nagging timing problems with our new sensors. Overall, however,

more scientists are becoming interested in the data from our CalMagNet sensors since they represent a valuable data base of magnetic data over a 6 year period. Looking ahead, 2007 promises to be a year of collaboration locally, nationally, and best of all, internationally.

*Tom Bleier  
President*

See you at the Responsive Space Conference  
Los Angeles, CA on April 23rd-26th



San Francisco, CA  
December 2006

With pleasure we announce and congratulate the success of our QuakeFinder team for submitting numerous abstracts for the AGU Fall Meeting. A total of 6 posters and 1 presentation were accepted and presented. The AGU maintains a database of all abstracts at <http://www.agu.org/meetings>.

Abstract Titles are:

- ◆ **Statistical analysis of ELF/VLF magnetic data from the DEMETER/IMSC instrument for large Earthquakes** (Jacob Bortnik, Clark Dunson, James W. Cutler and Thomas Bleier)
- ◆ **An automatic wave detection algorithm applied to Pc1 pulsations in California, and results of a 6-year statistical survey** (Celeste Ford, Jacob Bortnik, James W. Cutler and Clark Dunson)
- ◆ **A Strategy for Collecting and Analyzing Multiple Electromagnetic (EM) Data Sets for Pre-Earthquake Signal Investigations** (QuakeFinder, LLC: Thomas Bleier, Jamie Cutler, Clark Dunson, Matt Maniscalco, UCLA: Jacob Bortnik, Purdue: Eric Calais, Thomas Dautermann)
- ◆ **Pc 3-4 Pulsations: Observations, Processing, and Characterization in the California Region** (Clark Dunson)
- ◆ **CalMagNet - An Array of Search Coil Magnetometers Monitoring ULF Activity in California** (James Cutler, Jacob Bortnik, Clark Dunson, John Doering, Tom Bleier)
- ◆ **Comparison of GPS Integrated Electron Content Measurements with Electron Density Values acquired by the DEMETER Satellite before large Earthquakes in Japan** (Thomas Dautermann, James Cutler, Clark Dunson, Eric Calais)
- ◆ **Investigation of Ionospheric Electron Content Variations Before Earthquakes in Southern California, 2003-2004** (T Dautermann, E Calais, J Haase, J Garrison)