

Links to people involved with the FBV designs

Angel Rodriguez - OSOP Volcán, Panama

Angel wrote the original specifications for the Force-Balance Vertical, which he wanted to use to monitor activity from Volcán Barú. His town of Volcán rests on a 6m thick pyroclastic deposit which could be one reason for Angel's wanting to be able to listen to the volcano. He now operates OSOP, the Seismological Observatory of Western Panama.

<http://www.osop.com.pa/>

http://pubs.usgs.gov/of/2007/1401/of2007-1401en_text.pdf

Terry Brown - Rogersville, Tennessee

Terry suggested the mechanical design for the first FBV. He currently operates a rebuilt Guralp CMG-3 borehole vertical.

<http://www.seismicnews.com/indexb.html>

Dave Nelson - Palos Verdes, California

Dave created the instrument's electronic and mechanical designs and has continued to perfect them over several years. He regularly has 3 or 4 FBV instruments operating alongside a Nanometrics Trillium Compact and a Trillium 120.

http://bnordgren.org/seismo/gif_images.htm

Brett Nordgren - Berkeley Heights, New Jersey

He doesn't have an operating instrument, but has focused on theoretical analyses of the design, documentation and on communication with builders.

Random collections of files which may be useful.

<http://bnordgren.org/seismo/>

<http://bnordgren.org/seismo/FBV/>

Some FBV builders who have Web sites:

Gary Lindgren - Palo Alto, California

<http://sites.google.com/site/seismicsensorinfo/Home>

Karl Cunningham - San Diego, California

http://www.keckec.com/seismo/keckec_waveforms.html

Barry Lotz - Grass Valley, California

<http://seismicvault.com/>

Dale Hardy - Mark's Point, NSW, Australia

<http://www.daleh.id.au/earthquake.html>

Steve Jones - Huntsville, Alabama

<http://alabamaquake.com/index.html>

Approximately six more builders have instruments at different stages of construction.