

**Bryan J. Teschke**  
**Geophysicist, Project Manager**

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Bryan Teschke is a Geophysicist for The Hutchinson Group, Ltd. and has conducted hundreds of geophysical investigations including the location and orientation of bedrock fractures, vertical seismic profiling and other vertical seismic studies, void delineation (karst and mining-related), location of buried underground storage tanks (USTs) and drums, utility and underground conduit location, contaminant plume investigations, and subsurface profiling for numerous wind farm locations throughout the United States.

**Education:**

- Franklin & Marshall College, 2007.

**Recent Publications:**

Hutchinson, P. J., and B. J. Teschke (2011). *MASW Sounding as a 3D Mapping Tool*. In: **Proceedings of the 24<sup>th</sup> Symposium of the Application of Geophysics in Engineering and Environmental Problems** (in press), April 2011, Charleston, South Carolina.

Hutchinson, P. J., and B. J. Teschke (2010). *Ground Penetrating Radar as a Sentinel Device*. In: **Proceedings of the 23<sup>rd</sup> Symposium of the Application of Geophysics in Engineering and Environmental Problems**, April 2010, Keystone, Colorado.

Hutchinson, P. J., B. J. Teschke, and J. M. King (2009). *Seismic Reflection Imaging in Urban Settings*. In: **Proceedings of the 22<sup>nd</sup> Symposium of the Application of Geophysics in Engineering and Environmental Problems**, April 2009, Ft. Worth, Texas.

Hutchinson, P. J., Teschke, B. J., Zollinger, K. M., and Dereume, J. M. (2008). *Field Applicability of MASW Data*. In: **Proceedings of the 21<sup>th</sup> Symposium of the Application of Geophysics in Engineering and Environmental Problems**, April 2008, Philadelphia, PA, Pp. 1226-1231.

**Continuing Education:**

- S&S Ground Penetrating Radar Short Course, September 2007
- Active and Passive MASW Workshop, April 2008
- Seismic Tomography Methods Workshop, April 2009
- Electrical Imaging Processing and Interpretation, June 2009
- MALA Ground Penetrating Radar Short Course, June 2009

**Professional Societies:**

- Pittsburgh Geological Society
- Environmental Engineering Geophysical Society
- Franklin & Marshall Geoscience Founders Society

**Certifications:**

- Hydrogen Sulfide Awareness Training, August 2010

**Experience:**

**The Hutchinson Group, Ltd., Murrysville, Pennsylvania, Geophysicist**

Mr. Teschke's duties include performing various geophysical surveys including, but not limited to: electromagnetic imaging (EI), electrical resistivity (ER), ground (surface) penetrating radar surveys, seismic surveys, and fracture delineation studies. In addition, Mr. Teschke is responsible for report preparation, cartography, directing field crews, and field data interpretation.

**Enviroscan, Inc., Lancaster, Pennsylvania, Geoscientist**

Conducted seismic refraction, well logging, and other geophysical tasks.

**Jeff Zell Consultants, Coraopolis, Pennsylvania, Geoscientist**

Conducted on-site concrete, soil, and asphalt tests, prepared daily field reports, and performed analytical testing of field samples. These included concrete compressive strength testing, soil proctors and soil gradations.