

## EXHIBITORS

### Booth # 1

AEG: Association of Engineering and  
Environmental Geologists  
PO Box 460518  
Denver, CO 80246  
[www.aegweb.org](http://www.aegweb.org)

AEG is the acknowledged international leader in environmental and engineering geology, and is greatly respected for its stewardship of the profession. AEG offers information on environmental and engineering geology useful to practitioners, scientists, students, and the public. Other geosciences organizations recognize the value of using and sharing AEG's outstanding resources.

### Booth # 4

Weatherford Laboratories  
8845 Fallbrook Drive  
Houston, TX 77064  
[www.weatherfordlabs.com](http://www.weatherfordlabs.com)

Weatherford Laboratories rock mechanics lab provides core-based testing and engineering analysis services to optimize reservoir and enhance production. Weatherford laboratories offer many different kinds of testing services with applications to hydraulic fracture design, wellbore stability, sand production, and other reservoir engineering and geophysical applications for conventional and unconventional reservoirs.

### Booth # 5

Applied Geodynamics, Inc.  
P.O. Box 772129  
Steamboat Springs, CO 80477  
[www.capprex.com](http://www.capprex.com)

Controlled Foam Injection: The CFI method utilizes high-pressure foam to initiate and propagate controlled fracturing in rock (or concrete). An injection barrel, incorporating a special hole-bottom seal, is used to inject foam into the bottom of pre-drilled holes in the rock. The high viscosity of the foam combined with the energy stored in the gas phase result in very controlled and efficient breakage. Airblast and flyrock are reduced to very benign levels.

**Booth # 6**

Golder Associates, Inc.  
18300 NE Union Hill Road  
Redmond, WA 98052  
[www.golder.com](http://www.golder.com)

Golder Associates is a leading international geo-engineering consulting firm, offering geomechanics, hydrodynamics, geologic, and geophysical service including site characterization, planning and permitting, engineering, and development. Golder Associates provides services to the oil and gas, mining, transportation, and environmental industries. Golder Associates' FracMan Technology Group is a recognized leader in analysis and engineering of fractured reservoirs, rock slopes, underground mines, tunnels, geothermal, and Carbon Capture and Storage (CCS)

**Booth # 7**

MTS Systems Corp.  
14000 Technology Drive  
Eden Prairie, MN 55344  
[www.mts.com](http://www.mts.com)

Researchers worldwide turn to MTS for the technology and expertise they need to accurately and efficiently determine the physical characteristics of rock and concrete materials for research, industrial and commercial applications. The MTS offering includes high-performance servohydraulic load frames, durable test accessories, versatile digital controllers and fully-featured test application software.

**Booth # 8**

The University of Texas at Austin  
Department of Civil Engineering  
1 University Station C1792  
Austin, TX 78712-0280  
[www.caee.utexas.edu/prof/tonon](http://www.caee.utexas.edu/prof/tonon)

Rock mechanics and tunneling at the University of Texas, Austin. Research: DEM, rockfall impact fragmentation; rock block stability analysis under general loading for underground excavations, slopes, scour, prediction of groundwater inflow; structural synthetic fibers for shotcrete and final lining; risk analysis with imprecise probabilities; face stability in mechanized tunneling. Education: online certificate in tunneling.

**Booth #9**

Geokon, Inc.  
48 Spencer Street  
Lebanon, NH 03766  
[www.geokon.com](http://www.geokon.com)

Geokon, Inc. manufactures a full range of high-quality geotechnical instrumentation suitable for monitoring the safety and stability of civil and mining structures. Geokon's Vibrating Wire sensors exhibit excellent long-term stability, accuracy, and reliability even in the most adverse conditions.

**Booth # 10**

TerraTek/RPSEA  
1935 S. Fremont Dr.  
Salt Lake City, UT 84104  
[www.rpsea.org](http://www.rpsea.org)

Sustaining Fracture Area and Conductivity of Gas Shale Reservoirs for Enhancing Long-Term Production and Recovery--This theoretical and experimental project is aimed at understanding the multiple causes of loss of hydraulic fracture area and conductivity in gas shale reservoirs. The objective is to define solutions to prevent the resulting loss of production. The multi-disciplinary project tasks include an evaluation of reservoir geology, mechanical properties, in-situ stress, and rock-fluid interactions.

**Booth # 11**

MetaRock Laboratories, Inc.  
6723F Stella Link Road  
Houston, TX 70005  
[www.metarocklab.com](http://www.metarocklab.com)

MetaRock Laboratories, Inc. is a unique and diversely skilled Geo-Mechanics laboratory. We are able to provide high quality testing services (i.e., Triaxial, Uniaxial, UCS, SCAL, etc) on rock samples. We have extensive experience in designing and developing testing apparatus/vessels and pumps. More recently, we have developed a highly exceptional capability in the acoustics testing realm that is gaining much attention and notoriety.

**Booth #12**

MALA GeoScience USA, Inc.  
2040 Savage Road  
PO Box 80430  
Charleston, SC 29416  
[www.malags.com](http://www.malags.com)

MALA GeoScience USA, Inc. is the North American distributor for Reutech Mining's Movement and Surveying Radar (MSR) systems. The MSR systems provide highly accurate, real-time, all weather surveying and slope movement measurements in open pit mines using state-of-the-art radar and surveying technology. All measurements are fully geo-referenced to an accuracy that allows integration of the data with the Digital Terrain Mapping tools of the mine.

**Booth # 13**

ADAM Technology  
Suite 3  
41 Belmont Avenue  
Belmont, WA, 6104  
Australia  
[www.adamtech.com.au](http://www.adamtech.com.au)

ADAM 3DM Analyst software has been used for open-pit surveying and geotechnical mapping with the addition of autonomous unmanned aerial vehicles to ADAM's product range. Low-cost and quick-turnaround aerial mapping is now a reality, and 3DM Analyst underground mapping field kit extends the functionality of the software to underground applications as well.

**Booth #14**

Ruen Drilling, Inc.  
PO Box 267  
2320 River Road  
Clark Ford, ID 83811  
[www.ruendrilling.com](http://www.ruendrilling.com)

Ruen Drilling, Inc., established in 1974 provides drilling services throughout the United States and Peru, South America. Services include core drilling for geotechnical, mineral exploration, and geothermal industries. Hole depth capacities include horizontal coring to 2500 ft. as well as vertical coring to over 10,000 ft. Ruen Drilling utilizes track, skid, truck and helicopter supported drills. The quality sampling, which the company provides, allows clients and project owners to generate defensible quality pre-design reporting. Ruen Drilling strives to train its crews in this manner and supports them with the equipment needed to generate the sample quality, along with providing the services in a safe, timely fashion and within budget parameters.

**Booth #15**

GCTS Testing Systems  
6103 S. Maple Avenue, #1  
Tempe, AZ 85283  
[www.gcts.com](http://www.gcts.com)

GCTS provides a full line of computer servo-controlled testing systems for rocks, soils, pavements, and construction materials, advanced systems for Triaxial, Direct Shear, Point Load, Indirect Tension, Hydraulic Fracture, Poly-Axial, Hollow Cylinder, Ultrasonic, and other specialized equipment including high-pressure/high-temperature triaxial cells.

**Booth #16**

Rocscience Inc.  
31 Balsam Avenue  
Toronto, Ontario M4E 3B5  
Canada  
[www.rocscience.com](http://www.rocscience.com)

Rocscience Inc., formed in 1996 in Toronto, Canada, has over 6,000 customers in over 100 countries. As a spin-off company from the University of Toronto, we have continued the evolution of ideas and technology over the years, creating new software products in the field of geomechanics while maintaining a close connection to the research environment. Our company offers 11 Windows programs, specializing in 2D and 3D analysis and design programs for civil engineering and mining applications. Our high-quality software allows engineers to quickly and accurately analyze surface and underground structures in rock and soil, thereby improving safety and reducing the cost of design projects.

**Booth #17**

Engineering Seismology Group  
20 Hyperion Court  
Kingston, Ontario K7K 7G3  
Canada  
[www.esg.ca](http://www.esg.ca)

ESG is a world leader in industrial microseismic monitoring. We design, manufacture and install systems for mining, petroleum and geotechnical applications where information is required for operational decisions. In mining, ESG is the top provider of commercial products and services for the monitoring of mine seismicity with applications in ground support design, evaluation of alternative mining methods, reducing seismic hazard, and ensuring the safety of personnel.