

SAGEEP 2012 PRELIMINARY PROGRAM

Saturday March 24				
All Day	SC-1: Surface Waves are for Everyone (Active and Passive MASW) Instructor: Julian Ivanov, Kansas Geological Survey and Geometrics, Inc.			
Sunday March 25				
3/4 Day	SC-2: Advanced Surface Wave (MASW) Methods Instructor: Julian Ivanov, Kansas Geological Survey and Geometrics, Inc.			
All Day	SC-3: Electrical Resistivity/IP/SP for Environmental and Engineering Applications Instructor: Bradley J. Carr, PhD, Advanced Geosciences, Inc.			
Half Day	Arizona-Sonora Desert Museum Field Trip			
Evening	Ice Breaker			
Monday March 26				
Awards and Keynote Session: <i>William deBuys, Author and Pulitzer Prize Finalist</i>				
Coffee in Exhibit Hall				
Morning	Session 1	Session 2	Session 3	Session 4
	SPECIAL SESSION: Best of 2011 EAGE/NSGD			
Lunch	Lunch on Own			
Afternoon	Advances in Mining Geophysics	Determination of Shear Wave Velocities for Geological and Engineering Applications	Advances in Geophysical Characterization & Monitoring of Fractured Rock Aquifers	Use of Geophysical Data for Evidence-Based Groundwater Management
	Coffee in Exhibit Hall			
Late Afternoon	Exhibitors Equipment Outdoor Demos (Sunset Point on the Grounds of the El Conquistador)			
Evening	Student Event at Barrio Brewing in Downtown Tucson			
Tuesday March 27				
Morning	Water Resources and Supply	Application of Geophysics to Contaminant Studies	Dam Safety-The Use of Geophysical Methods for its Diagnostics and Monitoring	Role of Geophysics in Addressing Civil, Geotechnical and Geoenvironmental Engineering Problems
	Coffee in Exhibit Hall and Poster Viewing in Exhibit Hall Foyer			
Lunch	Laboratory Measurements of Near Surface Geophysical Properties	Application of Geophysics to Contaminant Studies (con't)	Dam Safety-The Use of Geophysical Methods for its Diagnostics and Monitoring (con't)	Role of Geophysics in Addressing Engineering Problems (con't)
	EEGS Luncheon - Speaker: EEGS / Geonics Early Career Award Winner <i>Adam Pidlisecky</i>			
Afternoon	Archaeological and Forensics Applications of Near-Surface Geophysics	Munitions and Explosives of Concern - Instrumentation, Classification, and Application to Live Sites	Karst Geophysics Applied to Environmental, Hydrogeological and Geotechnical Problems	Role of Geophysics in Addressing Engineering Problems (con't)
	Coffee in Exhibit Hall and Poster Viewing in Exhibit Hall Foyer			
Evening	Hydrologic Applications for Borehole Geophysics- New Developments	Munitions and Explosives of Concern (con't)	Geophysical Methods in Dam, Spillway, and Levee Investigations	Geophysics in Rivers and Streams
SAGEEP Conference Evening and 25th Anniversary Celebration at the Last Frontier				
Wednesday March 28				
Morning	Multichannel GPR Techniques, Advances and Case Histories	Role of Geophysical Methods in Geotechnical Earthquake & Hazards Engineering	Devel. & App. of Nuclear Magnetic Resonance Techniques for Near-Surface Investigations	Advances in Hydrogeophysical Monitoring
	Coffee in Exhibit Hall and Poster Viewing in Exhibit Hall Foyer			
Lunch	Multichannel GPR Techniques, Advances & Case Histories (con't)	Airborne Geophysics: Recent Advances and Novel Applications	Magnetic Resonance Techniques for Near-Surface Investigations	Advances in Agricultural Geophysics
	EEGS Foundation Luncheon: <i>Madeline Dana Lee</i>			
Afternoon	Educational Innovations Involving Near-Surface Geophysics	Airborne Geophysics: Recent Advances and Novel Applications (con't)	Development & Applications of Nuclear Magnetic Resonance Techniques (con't)	Advances in Agricultural Geophysics (con't)
	Coffee in Exhibit Hall and Poster Viewing in Exhibit Hall Foyer			
	Geophysical Studies of the Vadose Zone	Airborne Geophysics: Recent Advances and Novel Applications (con't)	Seismic Refraction Tomography	Geophysics-Assisted Eval. of Geotechnical /Transport. Process & Construction
Thursday March 29				
All Day	W-1: Trends in Resistivity and IP for Shallow Applications Convenor: Norman R. Carlson, Zonge International, Inc.			
	W-2: Hydrofracking 101: What is it, What are the Issues, and How Can Geophysics Help? Convenors: Michael Jacobs, Pioneer Resources; Charles Groat and Jeffrey G. Paine, UT at Austin; and Bruce Smith, USGS			
All Day	W-3: Seismic Refraction Methods: Unleashing the Potential and Understanding the Limitations Convenors: William E. Doll, Battelle; Seth Haines, USGS; and Colin Zelt, Rice University			
	Kartchner Caverns Field Trip			