



GEOMECHANICS SOLUTIONS FOR ENVIRONMENTAL AND TECHNICAL CHALLENGES IN UNCONVENTIONAL RESOURCES

***June 22, 2012, 8:00 A.M. – 5:00 P.M.
The Westin Michigan Avenue, Chicago***

Organized by
*ARMA (American Rock Mechanics Association)
UNGI (Unconventional Natural Gas and Oil Institute)*

Geomechanics is one of the key disciplines that provide solutions for the technical and environmental challenges experienced in unconventional resource drilling, reservoir characterization, stimulation, field development and production. These highly complex resources require not only novel technical approaches but also the environmental sensitivity needed to meet state and federal regulations, particularly in the field development stages. With such complexity, economics becomes an important component of the decision-making process towards unlocking these reservoirs. The concern for land, surface and groundwater contamination with completion and fracturing fluids requires paying close attention to the selection of environmentally friendly chemical additives and to the monitoring and control of fracture dimensions and orientation as a result of the stimulation operations. This workshop, sponsored by the American Rock Mechanics Association (ARMA) and the Unconventional Natural Gas and Oil Institute (UNGI), brings together experts from the energy industry, academia and federal and state government organizations to discuss technical and environmental issues and challenges, and showcase the findings from ongoing field studies.