

Personal Bio

Vital Stats

Full Name: Shugang Wang

Affiliation: Chevron Energy Technology Company

Position: Lead Geomechanics Research Scientist



Biography

Shugang Wang joined Chevron ETC as a Geomechanics Research Scientist in 2012 after receiving his PhD in Energy and Mineral Engineering from Pennsylvania State University. His research interests are in the areas of mechanical and transport characteristics of rocks, with application to CO₂ geological sequestration and unconventional energy recovery including coalbed methane and gas shales. He is the author or co-author of more than 40 scientific papers and he has reviewed more than 250 articles for 35 international journals. He is an Associate Editor of Society of Petroleum Engineers Journal and of Journal of Unconventional Oil and Gas Resources. He is a member of Computational Geotechnics Committee and Poromechanics Committee of ASCE. He has reviewed abstracts and papers and chaired technical sessions for U.S. Rock Mechanics Symposiums.

Education

2012: Ph.D. in Energy and Mineral Engineering. Penn State University, USA

2006: M.Sc. in Geotechnical Engineering. Shandong University, China

2003: B.Sc. in Civil Engineering. Shandong Univ. of Science and Technology, China

Awards and Major Publications

Wang, S., D. Elsworth, and J. Liu (2012) A mechanistic model for permeability evolution in fractured sorbing media, *J. Geophys. Res.*, 117, B06205, doi: 10.1029/2011JB008855

Wang, S., Elsworth, D., and Liu, J. (2011) Permeability evolution in fractured coal: the roles of fracture geometry and water-content. *Int. J. of Coal Geology* 87, 13-25

2013, 2015 SPE Outstanding Service Award

2013, 2015 Outstanding Reviewer, *J. Natural Gas Science and Engineering*

2013 Top Reviewer Award, *J. of Unconventional Oil and Gas Resources*

2007- 2011 Charles B. Darrow Award, G3 and Energy Institute Scholarship Award, Anne C. Wilson

Graduate Fellowship Award, Penn State University