

Induced Seismicity Consortium

First 2015 Review Meeting

Ronald Tudor Hall (RTH) Room- 526

July 23, 2015

8:00-8:15	Registration-Breakfast	
8:15-8:40	ISC Overview and Status Report	Fred Aminzadeh
8:40-9:05	Seismicity rate changes and injection operations in Oklahoma and California	Thomas Goebel, Cal Tech- USC
9:05- 9:40	Effect of the Earth Characteristics on Induced Seismicity Potential	Mehran Hosseini
9:40-10:05	Creating a Water contamination mapping tool	Nima Jabbari
10:05- 10:20	Coffee Break	
10:20 -10:45	Discriminating characteristics of tectonic and human-induced seismicity	Ilya Zaliapin (UNR- Reno) Yehuda Ben-Zion (USC)
10:45 -11:10	Laboratory measurement of permeability alteration under reservoir conditions and implications for field-scale systems".	Russell Detwiler, UCI
11:10- 11:35	Laboratory studies of induced seismicity and earthquake scaling	Paul Young University of Toronto
11:35 -11:50	An update on Oklahoma induced seismicity and fault database	Kim Hatfield, Regulatory Chair, Oklahoma Independent Petroleum Association (OIPA) & President of Crawley Petroleum Dana Murphy, Oklahoma commissioner of oil and gas
11:50 - 12:45	Lunch	
12:45 - 1:10	Progress on next-gen techniques for monitoring and management of induced seismicity	Josh White, LLNL
1:10 - 1:35	Upward Migration of Hydraulic Fracturing Fluid through Cement-Wellbore Interface	Azadeh Rohani

1:35 – 2:00	MEQ data to validate fracture modeling results	Ahmed Ouenes, Fracgeo
2:00 – 2:25	An update on different DOE supported Monitoring Projects in the US shale fields	Richard Hammack, NETL
2:25- 2:55	A summary of 15 years of observed seismicity measured in downhole microseismic surveys in California oil fields	Cynthia Black (CRC)
2:55 – 3:10	Coffee Break	
3:10-3:35	Strategic and technical advisory board (STAB) meeting: discussion future research directions	All
3:35-4:00	Coupled Flow and Geomechanical Modeling of Induced Seismicity in Faulted Reservoirs	Birendra Jha MIT/USC
4:00-4:30	Highlights o Strategic and Technical advisory board meeting(STAB)	Cynthia Black (CRC) Martin Karrenbach Optasens
4:30- 5:15	Brain storming for future plans	All
5:15- 5:30	Concluding Remarks	Fred Aminzadeh
6:00- 8:00	Reception and Dinner- Dinner talk: Intersection of Energy, Economy and Environment	John Gibson Former CEO of Halliburton Services and Tervita