2011 Earth Resources Laboratory Founding Member Consortium Meeting Table of Contents

- 1. Double-beam stacking to infer seismic properties of fractured reservoirs Y. Zheng
- 2. Simulating shear wave propagation in two-dimensional fractured heterogeneous media by coupling boundary element and finite difference methods T. Chen
- 3. A robust method for fracture orientation and density detection from seismic scattered energy X. Fang
- 4. Experimental studies of reflections from single and multiple-fractures using lucite models Z. 7hu
- 5. Interferometric hydrofracture microseism localization using neighboring fracture O. Poliannikov
- 6. Carbon sequestration monitoring with acoustic double difference waveform inversion: a case study on SACROC walkaway VSP data D. Yang
- 7. AVO monitoring of CO₂ sequestration S. Brown
- 8. Geophysical monitoring of multiple phase saturation of rocks: application to CO₂ sequestration S. Brown
- Visibility analysis using reverse time wave sensitivity for time-lapse target-oriented migration –
 A. Shabelansky
- 10. Fracture compliance from tubewaves generated at a fracture intersecting a borehole S. Bakku
- 11. Microquake seismic interferometry with SVD-enhanced Green's function recovery- M. Silva
- 12. Hydraulic fracture monitoring: a Jonah Field case study T. Seher
- 13. Full waveform approach for complete moment tensor inversion using downhole microseismic data during hydraulic fracturing F. Song
- 14. Focal mechanism determination of induced microearthquakes in an oil field using full waveforms from shallow and deep networks J. Li
- 15. Finite difference wave modeling including surface topography A. Al Muhaidib
- 16. Integration of geology, rock-physics, logs, and pre-stack seismic for reservoir porosity estimation A. Al Muhaidib
- 17. SVD enhanced seismic interferometry for traveltime estimates between microquakes M. Silva
- 18. SH wave scattering from fractures using boundary element method with linear slip boundary condition T. Chen