

## Completed Geophysics Theses and Dissertations Since 2008

Advised/co-advised by Dr. Kelly Liu and Dr. Stephen Gao

- Abdelnabi, A.**, 2011. Seismic Interpretation and Reservoir Characterizations of the Middle Eocene Gialo Formation, Assamoud Field, Sirte Basin, Libya, **MS thesis**.
- Aboaja, U.H.**, 2010. Seismic Interpretation and Reservoir Characterization of the Middle Frio Formation in the Stratton Field Gulf Coast Basin of South Texas Using Three-Dimensional Seismic and Well Log Data, **MS thesis**.
- Alhakeem, A.A.**, 2013. 3D Seismic Data Interpretation of Boonsville Field, Texas, **MS Thesis**.
- Almadani, S.A.**, 2011. Receiver function studies of crustal structure, composition, and evolution beneath the Afar Depression, Ethiopia and the Tien Shan, Central Asia, **Ph.D. Dissertation**.
- Alzaki, T.**, 2016. 2D Seismic data and gas chimney interpretation in the south Taranaki Graben, New Zealand, **MS Thesis**.
- Atef, A.H.**, 2009. Geophysics Investigations of Continental Crust of Saint Charles-Saint Louis Counties, Missouri and Egyptian Nile in Egypt, and Apparent Weekly and Daily Earthquake Periodicities in the Western United States, **Ph.D. Dissertation**.
- Baldwin, J.**, 2016. Structural analysis and fluid flow modeling of the Kapuni Field, New Zealand, **MS Thesis**.
- Bashir, L.**, 2011. Crustal Structure and Evolution beneath the Colorado Plateau and the Southern Basin and Range Province: Results from Receiver Function and Gravity Studies, **Ph.D. Dissertation**.
- Bridges, D.L.**, 2011. A Geological and Geophysical Study of the Tendaho Graben, Ethiopia, Afar: Insights into Transitional Continental Rifting, **Ph.D. Dissertation**.
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- Cherie, S.**, 2015. Shear wave splitting analysis in Tien Shan: Geodynamic implications of complex anisotropy, **Ph.D. Dissertation**.
- Dahm, H.**, 2016. Receiver function imaging of the mantle transition zone beneath Alaska, **Ph.D. Dissertation**.

- Dayma, A.**, 2016. Crustal thickness and Vp/Vs ratio of Yellowstone, eastern Snake River Plain, Wyoming Province, and the northern Basin and Range province using receiver function analysis, **MS Thesis**.
- De Almeida Goetze, B.**, 2016. The mantle transition zone beneath South America from stacking of P-to-S receiver functions, **MS Thesis**.
- Elsheikh, A.**, 2014. Seismic Anisotropy and Mantle Flow beneath Africa and Arabia, **Ph.D. Dissertation**.
- Ersay, E.Y.**, 2015. Seismic Stratigraphic and Attribute Analysis of the Teapot Dome Field, Wyoming, **MS Thesis**.
- Gepek, M.**, 2014. Post-stack Processing of Seismic Data in Alasehir Basin and Their Structural Interpretation, **MS Thesis**.
- Gocer, N.**, 2015. AVO Gradient Analysis of 2D Seismic Data, Sable Island, Nova Scotia. **MS Thesis**.
- Ibrahem, A.A.**, 2013. Seismic Interpretation and Petrophysical Analysis of the Upper Ordovician and Silurian Sequences, Ghadamis Basin, Libya, **MS Thesis**.
- Karabulut, Z.**, 2013. Inversion and Interpretation of 2D Seismic Data from the Kumrular-Karachaoglan Fields, Thrace Basin, Turkey. **MS Thesis**.
- Kong, F.**, 2016. Methodology investigations for shear-wave splitting analysis, **Ph.D. Dissertation**.
- Lemnifi, A.**, 2016. Azimuthal Anisotropy beneath North Central Africa from shear wave splitting analysis, **Ph.D. Dissertation**.
- Lin, P.**, 2015. Seismic interpretation and facies identification of the GuanTao Formation, Huagou Gas Field, Bohai Basin, China, **MS Thesis**.
- Liu, Y.**, 2016. Seismic anisotropy and mantle dynamics beneath the southeastern United States inferred from shear-wave splitting analysis, **MS Thesis**.
- Mert, D.**, 2014. Time Migration Processing of 2-D Seismic Data in the Gediz Graben, Turkey, **MS Thesis**.
- Moidaki, M.**, 2009. Crustal Modification by the Tectonic Events and Upper Mantle Anisotropy beneath the Midcontinent Rift and New Madrid Seismic Zone: Insights from Receiver Function Studies and Teleseismic Shear Wave Splitting, **Ph.D. Dissertation**.

- Purevsuren, U.**, 2014. Crustal Thickness and Vp/Vs beneath the Western United States: Constraints from Stacking of Receiver Functions, **Ph.D. Dissertation.**
- Ray, M.**, 2014. Shear-wave splitting beneath the western Tibetan Plateau, **MS Thesis.**
- Reed, C.**, 2016. Layered crustal and mantle structure and anisotropy beneath the Afar Depression and Malawi rift zone, **Ph.D. Dissertation.**
- Refayee, H.A.**, 2008. Seismic Stratigraphic Interpretation and Reservoir Characterization of the Mamuniyat Formation in the B-NC115 Field, Murzuk Basin, Libya, **MS Thesis.**
- Refayee, H.A.**, 2012. NA-SWS-2.1: An Updated Uniform Database of Teleseismic Shear Wave Splitting Measurements for North America and Shear Wave Splitting Measurements and Implications for Mantle Structure and Dynamics beneath the South-central United States, **Ph.D. Dissertation.**
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- Yaqci, G.**, 2016. 3D seismic structural and stratigraphic interpretation of the Tui-3D Field, Taranaki Basin, New Zealand, **MS Thesis.**
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