PUBLICATIONS (*indicates student advisee; †corresponding author)

Refereed Publications

1. *Wang, W., Yang, X., Zeng, Z., and **Bidgoli, T.S.**, 2023, Exploring the roles of sediment provenance and igneous activity on the development of synrift lacustrine source rocks, Pearl River Mouth Basin, northern South China Sea: Marine and Petroleum Geology.
2. Sturmer, D.M., **Bidgoli, T.S.**, and Sweet, D., 2022, Laurentian evolution during the late Paleozoic: interactions and feedbacks between tectonism, sedimentation, and climate: Palaeogeography, Palaeoclimatology, Palaeoecology doi: 10.1016/j.palaeo.2022.110900.
3. Li, G., **Bidgoli, T.S.,** Chen, M., Ma, X., and Li, J., 2022, Sedimentary and crustal structure of the western United States from joint inversion of multiple passive seismic datasets*:* Journal of Geophysical Research: Solid Earth, doi: 10.1029/2021JB022384.
4. *Wang, W., †**Bidgoli, T.S.**, and Sturmer, D., 2022, Exploring the influence of Late Mississippian to Middle Pennsylvanian tectonics on sediment transport through detrital zircon geochronology, southwestern Kansas and northwestern Arkansas: Palaeogeography, Palaeoclimatology, Palaeoecology, doi: 10.1016/j.palaeo.2021.110750.
5. Jones, A.J., Sturmer, D.M., **Bidgoli, T.S.**, Dietsch, C. and Möller, A., 2021, Sediment routing and provenance of shallow to deep marine sandstones in the Late Paleozoic Oquirrh basin, Utah: Palaeogeography, Palaeoclimatology, Palaeoecology, doi: 10.1016/j.palaeo.2021.110582.
6. *Ansari, E. and †**Bidgoli, T.S.**, 2021, Precambrian crystalline basement properties from pressure history matching and implications for induced seismicity in the US midcontinent: Geochemistry, Geophysics, Geosystems, doi: 10.1029/2021GC009660.
7. *Ansari, E. and †**Bidgoli, T.S.**, 2020, Reply to comment by Peterie et al. on 'Accelerated fill-up of the Arbuckle Group aquifer and links to US midcontinent seismicity': Journal of Geophysical Research – Solid Earth, doi: 10.1029/2019JB019275.
8. *Wang, W. and †**Bidgoli, T.S.**, 2019, Detrital zircon geochronologic constraints on patterns and drivers of continental-scale sediment dispersal in the Late Mississippian: Geochemistry, Geophysics, Geosystems, doi:10.1029/2019GC008469.
9. *Wang W., Yang, X., †**Bidgoli, T.S.,** Ye, J., and Zeng, Z., 2019, Detrital zircon geochronology reveals source-to-sink relationships in the Pearl River Mouth Basin, China: Sedimentary Geology, doi:10.1016/j.sedgeo.2019.04.004.
10. *Ansari, E., †**Bidgoli, T.S.**, and *Hollenbach, A., 2019, Accelerated fill-up of the Arbuckle Group aquifer and links to US midcontinent seismicity: Journal of Geophysical Research – Solid Earth, doi:10.1029/2018JB016926.
11. *Wang, W., †**Bidgoli, T.S.**, Yang, X., and Ye, J., 2018, Source-to-sink links between East Asia and Taiwan from detrital zircon geochronology of the Oligocene Huagang Formation in the East China Sea Shelf Basin: Geochemistry, Geophysics, Geosystems, v. 19, doi:10.1029/2018GC007576.
12. †**Bidgoli, T.S.**, *Tyrrell, J.P., Möller, A., Walker, J.D., and Stockli, D.F., 2018, Conodont thermochronology of exhumed footwalls of low-angle normal faults: A pilot study in the Mormon Mountains, Tule Spring Hills, and Beaver Dam Mountains, southeastern Nevada and southwestern Utah: Chemical Geology, v. 495, p. 1-17, doi: 10.1016/j.chemgeo.2018.06.026.
13. Holubnyak, Y., Watney, W., Birdie, T., Wreath, D., Tsoflias, G., Nolte, K., Hollenbach, J., **Bidgoli, T.**, FazelAlavi, M. and Jackson, C., 2018, Lessons learned from small scale field test demonstrating CO2 EOR and geologic storage at Wellington Field in southern Kansas: *14th Greenhouse Gas Control Technologies Conference Melbourne (GHGT-14)*, p. 21-26, doi:10.2139/ssrn.3365741
14. Holubnyak, Y., Watney, L., Rush, J., FazelAlavi, M., **Bidgoli, T.**, and Wreath, D., 2018, Pilot scale CO2 EOR at Wellington Field in south central Kansas: Society of Petroleum Engineers, Paper Number: SPE-190308-MS, doi:10.2118/190308-MS.
15. Nolte, A., †Tsoflias, G., **Bidgoli, T.S.**, and Watney, W.L., 2017, Direct evidence of pore fluid pressure increases inducing seismicity in the US midcontinent through analysis of shear-wave anisotropy: Science Advances, v. 3, e1700443, doi: 10.1126/sciadv.1700443.
16. *Schwab, D.R., †**Bidgoli, T.S.**, and Taylor, M.H., 2017, Characterizing the potential for injection-induced fault reactivation through subsurface structural mapping and stress field analysis, Wellington Field, Sumner County, Kansas: Journal of Geophysical Research: Solid Earth, v. 122, p. 10,132–10,154, https://doi.org/10.doi: 10.1002/2017JB014071.

17. *Wang, W., Ye, J., †**Bidgoli, T.S.**, Yang, X., Shi, H., and Shu, Y., 2017, Constraining the depositional response to episodic rifting through detrital zircon provenance of the Paleogene Zhu 1 depression, Pearl River Mouth Basin, China: Geochemistry, Geophysics, Geosystems, Geochemistry, Geophysics, Geosystems v. 18 p. 3976-3999, doi: 10.1002/2017GC007110.
18. Holubnyak, Y., Williams, E., Watney, L., **Bidgoli, T.**, Rush, J., FazelAlavi, M., and Gerlach, P., 2017, Calculation of CO2 storage capacity for the Arbuckle Group in southern Kansas: Implications for a seismically active region: Energy Procedia, v. 114, p. 4679-4689, doi:10.1016/j.egypro.2017.03.1599.
19. †**Bidgoli, T.S.**, Amir, E., Walker, J.D., Stockli, D.F., Andrew, J.E., and Caskey, J.S., 2015, Low-temperature thermochronology of the Black and Panamint mountains, Death Valley, CA: Implications for geodynamic controls on Cenozoic intraplate strain: Lithosphere, v. 8, doi:10.1130/L406.
20. †**Bidgoli, T.S.**, Stockli, D.F., and Walker, J.D., 2015, Low-temperature thermochronologic constraints on the kinematic histories of the Castle Cliffs, Tule Springs, and Mormon Peak detachments, southeastern Nevada and southwestern Utah: Geosphere, v. 11, doi:10.1130/GES01083.1.
21. †Walker, J.D., **Bidgoli, T.S.**, Diderickson, B.D., Stockli, D.F., and Andrew, J.E., 2014, Middle Miocene to recent exhumation of the Slate Range, eastern California, and implications for the timing of extension and the transition to transtension: Geosphere, v. 10, doi:10.1130/GES00947.1.
22. †Andrew, J.E., Rittase, W.M., Monastero, F.M., **Bidgoli, T.**, and Walker, J.D., 2014, Geologic Map of the Northern Lava Mountains and Summit Range, San Bernardino County, California: Geological Society of America Digital Map and Chart Series 19, doi:10.1130/2014.DMCH019.

Edited volumes

1. Sturmer, D.M., **Bidgoli, T.S.**, and Sweet, D., 2022, Laurentian evolution during the late Paleozoic: interactions and feedbacks between tectonism, sedimentation, and climate: Palaeogeography, Palaeoclimatology, Palaeoecology (in press).

Non-Refereed Publications & Datasets

1. *Wang, W. and †**Bidgoli, T.S.**, 2021, Detrital zircon geochronologic dataset of Late Mississippian to Middle Pennsylvanian sediment, southwestern Kansas and northwestern Arkansas, IEDA (Integrated Earth Data Applications) GeoChron dataset, doi:10.26022/IEDA/112158.
2. *Wang, W. and **Bidgoli, T.S.**, 2019, Detrital zircon U-Pb geochronology of Upper Mississippian incised valley filling systems of the Hugoton Embayment, southwestern Kansas: IEDA (Integrated Earth Data Applications) GeoChron dataset, doi:10.1594/IEDA/10.1594/IEDA/111376.
3. *Wang, W. and **Bidgoli, T.S.**, 2019, Detrital zircon U-Pb geochronology of the Paleogene Zhu 2 Depression, Pearl River Mouth Basin, China: IEDA (Integrated Earth Data Applications) GeoChron dataset, doi:10.1594/IEDA/111268.
4. Holubnyak, Y., Dubois, M., Bidgoli, T., et al., 2018, Integrated CCS for Kansas (ICKan), DOE Final Technical Report, doi:10.2172/1491482.
5. *Wang, W., **Bidgoli, T.S.**, Yang, X., and Ye, J., and Zeng, Z., 2018, Detrital zircon U-Pb geochronology of the Oligocene Huagang Formation in the East China Sea Shelf Basin: IEDA (Integrated Earth Data Applications) GeoChron dataset, doi:10.1594/IEDA/111206.
6. Holubnyak, Y., Watney, L., Hollenbach, J., **Bidgoli, T.**, et al., 2017, Small Scale Field Test Demonstrating CO2 Sequestration in Arbuckle Saline Aquifer and by CO2-EOR at Wellington Field, Sumner County, Kansas, DOE Final Technical Report, doi:10.2172/1420310.
7. *Wang, W., Yang, X., **Bidgoli, T.S.**, Ye, J., Shi, H., and Shu, Y., 2017, Detrital zircon U-Pb geochronology of the Paleogene Zhu 1 Depression, Pearl River Mouth Basin, China: IEDA (Integrated Earth Data Applications) GeoChron dataset, doi:10.1594/IEDA/100721.
8. *Tyrrell, J.P., **Bidgoli, T.S.**, Walker, J.D., and Moller, A., 2016, LA-ICPMS depth profile data for conodonts from Mormon Mountains, Tule Spring Hills, and Beaver Dam Mountains, southeastern Nevada and southwestern Utah: IEDA (Integrated Earth Data Applications) EarthChem dataset, doi:10.1594/IEDA/100631.
9. *Tyrrell, J.P., **Bidgoli, T.S.**, Walker, J.D., and Moller, A., 2016, Collection of conodont SEM images from the Mormon Mountains, Tule Spring Hills, and Beaver Dam Mountains, southeastern Nevada and southwestern Utah: IEDA (Integrated Earth Data Applications) EarthChem dataset, doi:10.1594/IEDA/100632.

10. **Bidgoli, T.S.**, Stockli, D.F., and Walker, J.D., 2015, Beaver Dam Mountains-Tule Springs Hills-Mormon Mountains Thermochronology: IEDA (Integrated Earth Data Applications) GeoChron dataset, doi:10.1594/IEDA/100520.
11. Walker, J.D. and **Bidgoli, T.S.**, 2014, Slate Range Thermochronology: Integrated Earth Data Applications (IEDA), doi:10.1594/IEDA/100424.
12. Caskey, J., Bell, J.W., Ramelli, A.R., Adams, K.D., Reheis, M.C., Slemmons, B.D., Wesnousky, S.G., Ford, E.W., Domrose, C.J., Schneider, G., Goebel, M.W., Smith, N.W., **Bidgoli, T.S.**, and Scherer, A.M., 2002, Historical Faulting, Chronostratigraphy, and Paleoseismicity of the Central Nevada Seismic Belt: Friends of the Pleistocene, Pacific Cell, Fieldtrip Guidebook, 114 p.

Dissertation & Theses

Bidgoli, T.S., 2014, Low-temperature thermochronometric constraints on Cenozoic intraplate deformation in the central Basin and Range [Ph.D. dissertation]: Lawrence, Kansas, University of Kansas.

Bidgoli, T.S., 2005, The role of transverse faults in Great Basin extension: Transfer faults or N-S extension? [M.S. thesis]: Las Vegas, Nevada, University of Nevada.

Bidgoli, T.S., 2002, Determining the style and rate of uplift from Quaternary marine terraces of the Point Reyes Peninsula, California [Senior thesis]: San Francisco, California, San Francisco State University.