

# Stephanie Rae. Forstner

## Professional Summary

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Business address:

The University of Texas at Austin  
Bureau of Economic Geology  
10100 Burnet Rd., Bldg. 130  
Austin, TX 78758

Telephone:

(512) 471-1534

E-mail address:

stephanie.forstner@beg.utexas.edu

## Publications

### Peer Reviewed Journal Articles

Elliott, S. J., Forstner, S. R., Wang, Q., Corrêa, R., Shakiba, M., Fulcher, S. A., Hebel, N. J., Lee, B. T., Tirmizi, S. T., Hooker, J. N., Fall, A., Olson, J. E., and Laubach, S. E., 2025, Diagenesis is key to unlocking outcrop fracture data suitable for quantitative extrapolation to geothermal targets: *Frontiers in Earth Science*, v. 13, no. 1545052, 38 p., <http://doi.org/10.3389/feart.2025.1545052>.

Forstner, S. R., and Laubach, S. E., 2022, Scale-dependent fracture networks: *Journal of Structural Geology*, v. 165, no. 104748, 21 p., <http://doi.org/10.1016/j.jsg.2022.104748>.

Baqués, V., Ukar, E., Laubach, S. E., Forstner, S. R., and Fall, A., 2020, Fracture, dissolution, and cementation events in Ordovician carbonate reservoirs, Tarim Basin, NW China: *Geofluids*, v. 2020, no. 9037429, 28 p., <http://doi.org/10.1155/2020/9037429>.

### Conference Proceedings

Forstner, S., Corrêa, R., Wang, Q., and Laubach, S. E., 2025, Fracture length data for geothermal applications, Powering the energy transition through subsurface collaboration: proceedings of the 1st Energy Geoscience Conference, Energy Geoscience Conference Series, v. 1, London, 19 p.

### Published Abstracts

Biques, V., Ukar, E., Zhang, L., Yuan, W., Laubach, S. E., Forstner, S., Fall, A., and Sun, C., 2017, Decameter-scale bit drops at 7 km depth in the Yijianfang Formation, Halahatang Oilfield, Tarim Basin, China: fault-related deep-seated dissolution (abs.): *Geological Society of America Abstracts with Programs*, v. 49, no. 6, <http://doi.org/doi: 10.1130/abs/2017AM-305841>.

Elliott, S. J., Fisher, D. M., Ukar, E., Ramirez, G., and Forstner, S., 2017, Slip behavior of a subduction zone: preliminary inferences from quartz and calcite filled veins (hydrofractures) in an exhumed accretionary wedge, Shimanto belt, Japan (abs.): *Geological Society of America Abstracts with Programs*, v. 49, no. 6, <http://doi.org/doi: 10.1130/abs/2017AM-306581>.