

Donald L. Brooks

Professional Summary

August 22, 2025

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Professional Preparation

Academic Background

B.S. Physics, Auburn University,
GIS Level I Certificate, Austin Community College,
M.Eng. Radiological Health Engineering, University of Michigan,

Professional Appointments

Present Position: Research Associate, Bureau of Economic Geology, The University of Texas at Austin (January 2014 - Present).
Research Associate, Geofluids Group, Bureau of Economic Geology, The University of Texas at Austin (June 2011 - December 2013).
Geographer, U.S. Geological Survey Water Resources Discipline (2008 - 2011).
Geophysics Engineer, Exploration Instruments, Austin, TX (2003 - 2008).
EMC Engineer, Dell Computer Corporation, Austin, TX (1998 - 2000).

Areas of Expertise

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Development, testing and deployment of temperature-two pressure probe for ocean drilling program
Methane hydrate lab studies
Permeability measurements in gas shales
Rock mechanics measurements

Publications

Peer Reviewed Journal Articles

Brooks, D. L., Janson, X., and Zahm, C., 2016, The effect of sample volume on micro-rebound hammer UCS measurements in Gulf Coast Cretaceous carbonate cores: GCAGS Journal, v. 5, p. 189-202.
Nolting, A., Zahm, C., Kerans, C., and Brooks, D. L., 2016, Spatial and temporal characterization of mechanical rock properties from West Caicos, British West Indies: Proceedings of the 50th Symposium of the American Rock Mechanics Association, v. 16, no. 705, p. 1-14.
Flemings, P. B., Polito, P. J., Pettigrew, T. L., Iturrino, G. J., Meissner, E., Aduddell, R., Brooks, D., Hetmaniak, C., Huey, D., and Germaine, J., 2013, The motion decoupled delivery system: A

new deployment system for downhole tools is tested at the New Jersey Margin: Scientific Drilling, no. 15, p. 51-56, doi:10.2204/iodp.sd.15.07.2013.

Non Peer Reviewed Journal Articles

Burley, T. E., Asquith, W. H., and Brooks, D., 2011, Spatially pooled depth-dependent reservoir storage, elevation, and water-quality data for selected reservoirs in Texas, January 1965-January 2010: U.S. Geological Survey Data Series 594, 13 p., appendixes online only.

Published Reports

Ambrose, W. A., Smith, D. C., Hentz, T. F., Loucks, R. G., Reed, R. M., Ogiesoba, O. C., Olariu, M. I., Fu, Q., Zeng, H., Hamlin, H. S., Duncan, I. J., Carr, D. L., Ko, L., Peng, S., Jensen, J., Rogers, H., Clift, S. J., Sivil, J. E., Zhang, T., Eastwood, R., and Brooks, D. L., 2019, State of Texas Advanced Resource Recovery (STARR) progress report: The University of Texas at Austin, Bureau of Economic Geology 43 p.

Ambrose, W. A., Smith, D. C., Hentz, T. F., Loucks, R. G., Reed, R. M., Ogiesoba, O. C., Olariu, M. I., Fu, Q., Zeng, H., Hamlin, H. S., Duncan, I. J., Carr, D. L., Ko, L., Peng, S., Rogers, H., Clift, S. J., Sivil, J. E., Zhang, T., Eastwood, R., and Brooks, D. L., 2018, State of Texas Advanced Resource Recovery (STARR) interim report: Bureau of Economic Geology, The University of Texas at Austin, 26 p.

Ambrose, W. A., Smith, D. C., Young, M. H., Scanlon, B. R., Reedy, R. C., Collins, E. W., Elliott, B. A., Wolaver, B. D., Paine, J. G., Hentz, T. F., Frébourg, G., Loucks, R. G., Reed, R. M., Ogiesoba, O. C., Olariu, M. I., Fu, Q., Zeng, H., Duncan, I. J., Rogers, H., Clift, S. J., Foss, M. M., Sivil, J. E., Zhang, T., Baumgardner, R. W., Jr., Eastwood, R., Breton, C., Brooks, D. L., Rowe, H. D., Carr, D. L., Dunlap, D. B., Gale, J. F. W., He, Y., Ko, L., Phelps, R., and Peng, S., 2016, State of Texas Advanced Resource Recovery (STARR) progress report: Bureau of Economic Geology, Biennium prepared for Texas State Comptroller of Public Accounts: 82 p.

Ambrose, W. A., Smith, D. C., Cutright, B. L., Scanlon, B. R., Reedy, R. C., Elliott, B. A., Paine, J. G., Foss, M. M., Tremblay, T. A., Wolaver, B. D., Loucks, R. G., Frébourg, G., Hentz, T. F., Ogiesoba, O. C., Olariu, M. I., Fu, Q., Zeng, H., Frost, E. L., III, Hamlin, H. S., Nance, H. S., Duncan, I. J., Hammes, U., Rogers, H., III, Clift, S. J., Sivil, J. E., Zhang, X., Reed, R. M., Baumgardner, R. W., Jr., Eastwood, R., Breton, C., Brooks, D. L., Rowe, H. D., Carr, D. L., Dunlap, D. B., Gale, J. F. W., and Peng, S., 2014, State of Texas Advanced Resource Recovery progress report and CD-ROM: Bureau of Economic Geology, The University of Texas at Austin, 90 p.