## **Publications by Bruce K. Darling to date:**

- Lock, BE, Darling, BK, and Rex, ID (1983), Marginal Marine Evaporites, Lower Cretaceous of Arkansas: Gulf Coast Association of Geological Societies Transactions, v. 33, p. 145 152.
- Darling, BK, and Lock, BE (1984), The Lower Cretaceous Formations of Southwest Arkansas, and a Proposed Revision of Stratigraphic Rank for the Three Lowest Units: Gulf Coast Association of Geological Societies Transactions, v. 34, p. 321 327.
- Darling, BK, Hibbs, BJ, Dutton, AR, and Sharp, JM (1995), Isotope Hydrology of the Eagle Mountains Area, Hudspeth County, Texas Implications for Development of Groundwater Resources, *in* Hotchkiss, W.R., Downey, J.S., Gutentag, E.D., and Moore, J.E., eds., Water Resources at Risk, American Institute of Hydrology, Minneapolis, MN, p. SL12-24.
- Hibbs, BJ, and Darling, BK (1995), Aquifer Testing and Characterization at the Proposed Low-Level Radioactive Waste Disposal Site, Hudspeth County, Texas, *in* Groundwater Management: American Society of Civil Engineers, New York, pp. 205 210.
- Hibbs, BJ, and Darling, BK (1995), Salinization of the Rio Grande Alluvial Aquifer in Hudspeth County, Texas, *in* Research Leads the Way, Proceedings of the 24th Water For Texas Conference, P. 157 161.
- Hibbs, BJ, and Darling, BK (1995), Environmental Isotopes and Numerical Models for Understanding Aquifer Dynamics in Southwestern Basins, *in* Cleveland, T.G., ed., Advances in the Development and Use of Models in Water Resources, AWWA, Herndon, VA, p. 195 200.
- Hibbs, BJ, Darling, BK, and Ashworth, JB (1995), Interbasin Movement of Groundwater and Vertical Groundwater Flow, *in* Texas Water '95, First International Congress on Water, Am. Soc. Civil Engineers, p. 267 277.
- Darling, BK, Hibbs, BJ, and Sharp, JM Jr (1998), Environmental Isotopes as Indicators of the Residence Time of Groundwaters of the Eagle Flat and Red Light Basins of Trans-Pecos Texas, *in* The Search Continues into the 21st Century, Proceedings of the West Texas Geological Society Fall Symposium, Midland, TX, p. 259 270.
- Hibbs, BJ, Darling, B.K, and Jones, IC (1998), Hydrogeologic Regimes of Arid-Zone Aquifers Beneath Low-Level Radioactive Waste and Other Waste Repositories in Trans-Pecos, Texas and Northern Chihuahua, Mexico, *in* Brahana et al. (eds), Gambling with Groundwater Physical, Chemical, and Biological Aspects of Aquifer-Stream Relations, American Institute of Hydrology, Minneapolis, MN, p. 311-322.
- Darling, BK. and Hibbs, BJ (2001), The Aquifers of Red Light Draw, Green River Valley, and Eagle Flat, *in* Mace, R, Mullican, W III, and Angle, T (eds), The Aquifers of West Texas: Texas Water Development Board Report 356, Austin, TX, Chapter 16.

- Scanlon, B.R., Darling, B.K., and Mullican, W.F. III (2001), Evaluation of Groundwater Recharge in Basins in Trans-Pecos Texas, *in* Mace, R., Mullican, W.F. III, and Angle T. (eds), The Aquifers of West Texas: Texas Water Development Board Report 356, Austin, TX, Chapter 3.
- Hibbs, BJ., and Darling, BK. (2005), Revisiting a Classification Scheme for U.S.-Mexico Alluvial Basin-Fill Aquifers, *in* Groundwater, V. 43, No. 5 (Theme Issue: Transboundary Groundwater), National Groundwater Association, pp. 750 763.
- Darling, BK (2007), Texas Groundwater The Rule of Capture and Groundwater Management in Texas. *The Water Report*, Issue 38, p. 9 17.
- Darling, BK (2007), Groundwater in Texas Marketability and Market Value. *The Water Report*, Issue 41, p 18 23.
- Darling, BK (2009), The Rule of Capture, Changing Perspectives on Water Management in Texas, the Tragedy of the Commons, and Developments in the Valuation of Groundwater. Paper published as Chapter 17 (11 p.) in Changing Face of Water Rights, Advanced Course 2009, Texas Bar Continuing Legal Education, April 2-3, 2009.
- Hibbs, B, Darling, BK, and Merino, M (2015), Reanalysis of Anecdotal Models of Recharge in Southwestern Alluvial Basins. World Environmental and Water Resources Congress 2015: pp. 613-624.
- Darling, BK (2015), Beyond the Headlines: Fracturing and Natural Gas in Groundwater: Is There a Connection? Journal of Petroleum Technology (JPT), Volume 67, Issue 07, July, p 24 26.
- Darling, BK (2015), Beyond the Headlines: Origins of Natural Gas Discharging from Groundwater. Journal of Petroleum Technology (JPT), Volume 67, Issue 09, July.
- Darling, BK (2016), Geochemical Factors Controlling the Mobilization of Arsenic at an Artificial Recharge Site, Clearwater, Florida. Journal of Contemporary Water Research & Education, Issue 159, Pages 105-116.
- Smith, BA, Hunt, BB, Darling, B, Vickers, J, and Camp, J. (2017), Status Report for Aquifer Storage and Recovery Pilot Project, Ruby Ranch Water Supply Water Corporation, Hays County, Central Texas. BSEACD Technical Note 2017-0930.
- Smith, BA Hunt, BB, Darling, BK (2017), Hydrogeology of the Saline Edwards Zone, Southeast Travis County, Central Texas. BSEACD Report of Investigations 2017-1015, 61 p.