

CONDENSED CV
Sandra Rideout-Hanzak

Mailing address:

Caesar Kleberg Wildlife Research Institute
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EDUCATION

Ph.D. 2001. Stephen F. Austin State University, Nacogdoches, TX, Forestry, (Fire ecology)
M.S. 1997. Stephen F. Austin State University, Nacogdoches, TX, Forestry, (Forest recreation)
B.A. 1987. Ball State University, Muncie, IN, Health & Safety Education, (Latin minor)

PROFESSIONAL EXPERIENCE

2013 – Present Associate Professor of Restoration and Fire Ecology – Caesar Kleberg Wildlife Research Institute and Dept. of Animal, Rangeland and Wildlife Sciences, Texas A&M University-Kingsville.
2010 – 2013 Assistant Professor. Affiliation as above.
2005 – 2010 Assistant Professor, Department of Natural Resources Management, Texas Tech University.
2001 – 2010 Post-Doctoral Research Forester, Disturbance and Management of Southern Forest Ecosystems, Southern Research Station, USDA Forest Service.
1999 – 2001 Graduate Research Assistant, Arthur Temple College of Forestry, Stephen F. Austin State University.
1998 – 1999 Instructor, Arthur Temple College of Forestry, Stephen F. Austin State University.

SELECTED HONORS AND AWARDS

2018 Faculty Fellowship Program in Israel, Competitive fellowship funded by Jewish National Fund.
2012 Junior Teaching Award, Dick & Mary Lewis Kleberg College of Agriculture, Natural Resources and Human Sciences, TAMUK.
2010 New Faculty Award, Alumni Association, Texas Tech University.
2009 Superior Service Award, Association for Fire Ecology.
2008 Master Teacher Award, College of Agricultural Sciences and Natural Resources, TTU.

SELECTED PUBLICATIONS

Wester, D.B., J.B. Hoffman, S. **Rideout-Hanzak**, D.E. Ruppert, V. Acosta-Martinez, F.S. Smith, P.M. Stumberg. 2018. Restoration of mixed soils along pipelines in the western Rio Grande Plains, Texas, USA. *Journal of Arid Environments*. In press.
Subedi, M.R., W. Xi, C. Edgar, S. **Rideout-Hanzak** and B. C. Hedquist. 2018. Assessment of geostatistical methods for spatiotemporal analysis of drought patterns in East Texas, USA. *Spatial Information Research*. Published online 30 October 2018.
Haynes, V.L., J.S. Ávila Sánchez, S. **Rideout-Hanzak**, D.B. Wester and J.A. Ortega-S. 2018. Effects of prescribed burning on gulf cordgrass, *Spartina spartinae*. *MOJ Ecology & Environmental Sciences* 3(2):110-115.

- Wester, D.B., F.C. Bryant, A.D. Tjelmeland, J.L. Grace, S.L. Mitchell, J.T. Edwards, F. Hernández, R.K. Lyons, M.K. Clayton, S. **Rideout-Hanzak**, R.V. Machen and J. Alfonso Ortega-S. 2018. Tanglehead in southern Texas: A native grass with an invasive behavior. *Rangelands* April:37-44. Received Best Popular Article award at the Texas Section for Society for Range Management meeting, Oct. 2018.
- Lovell, M.C., S. **Rideout-Hanzak**, A.D. Falk, K.A. Pawelek, D.E. Ruppert, V. Acosta-Martinez, F.S. Smith, P.M. Stumberg and D.B. Wester. 2018. Soil seed banks in stock-piled topsoils in the western Rio Grande Plains, Texas. *Ecological Restoration* 36(3):226-237.
- McCloughan, A.C., S. **Rideout-Hanzak**, D.B. Wester and W. Xi. 2017. Evaluating management techniques on survival and growth of slender rush-pea *Hoffmannseggia tenella* in southern Texas, USA. *Natural Areas Journal* in press.
- Fultz, L., J. Moore-Kucera, J. Dathe, M. Davinic, G. Perry, D.B. Wester, D. Schwilk and S. **Rideout-Hanzak**. 2016. Forest wildfire and grassland prescribed fire effects on soil biogeochemical processes and microbial communities: Two case studies in the semi-arid Southwest. *Applied Soil Ecology* 99:118-128.
- Luna, M., C.M. Britton, S. **Rideout-Hanzak**, C.J. Villalobos, R.E. Sosebee and D.B. Wester. 2014. Season and Intensity of burning on two grass species of the Chihuahuan Desert. *Rangeland Ecology and Management* 67:614-620.
- Wester, D.B., S. **Rideout-Hanzak**, C.M. Britton and H. Whitlaw. 2014. Plant community response to the East Amarillo Complex wildfires in the Southern High Plains, USA. *Community Ecology* 15(2):222-234.
- Sorensen, G., D. Wester and S. **Rideout-Hanzak**. 2012. A non-destructive method to estimate standing crop of purple threeawn and blue grama. *Rangeland Ecology and Management* 65(5):538-542.
- Roberts, A.J., C.W. Boal, D.B. Wester, S. **Rideout-Hanzak** and H.A. Whitlaw. 2012. Grassland bird community response to large wildfires. *The Wilson Journal of Ornithology* 124(1):24-30.
- Seijo, F., R.W. Gray, and S. **Rideout-Hanzak**. 2011. Special Issue: 4th International Fire Congress: Fire as a Global Process. *Fire Ecology* 7(1):1-4.
- Rideout-Hanzak**, S., D.B. Wester, C.M. Britton, and H.A. Whitlaw. 2011. Biomass not linked to perennial grass mortality following severe wildfire in the Southern High Plains. *Rangeland Ecology and Management* 64(1):47-55.
- Brown, S.D., C.M. Britton and S. **Rideout-Hanzak**. 2010. Summer and winter burn effects on vegetation of Matagorda Island, Texas. *Southwestern Naturalist* 55(2):193-202.
- Rideout-Hanzak**, S., D. B. Wester, G. Perry and C. M. Britton. 2009. *Echinocereus viridiflorus* var. *viridiflorus* mortality in shortgrass plains of Texas: Observations following wildfire and drought. *Haseltonia* 15:102-107.
- Stottlemeyer, A.D., V. Shelburne, T.A. Waldrop, W. Bridges, S. **Rideout-Hanzak**. 2009. Fuel characterization in the Southern Appalachian Mountains: an application of Landscape Ecosystem Classification. *International Journal of Wildland Fire* 18(4):423-429.
- Radke, N.J., D. B. Wester, G. Perry and S. **Rideout-Hanzak**. 2008. Short-term effects of prescribed fire on lizards in mesquite-Ashe juniper vegetation in central Texas. *Applied Herpetology* 5(3):281-292.
- Bowker, J.M., S.H. Lim, H.K. Cordell, G.T. Green, S. **Rideout-Hanzak** and C.Y. Johnson. 2008. Wildland fire, risk, and recovery: Results of a national survey with regional and racial perspectives. *Journal of Forestry* 106(5):268-276.

SELECTED CERTIFICATIONS

- 2014 Certified Senior Wildland Fire Ecologist, Association for Fire Ecology.
2012 Lead Instructor, Texas Prescribed Burner State Certification course

SELECTED GRANTS

- 2018 **Rideout-Hanzak, S.**, D.B. Wester, and A. Ortega-S. 2018. Season of burning effects on vegetative communities and rangeland health on the East Foundation’s El Sauz Ranch. \$374,630.
- 2018 **Rideout-Hanzak, S.** 2018. Fueling the Monarch Migration through South Texas. TAMUK Service Learning. \$8,300.
- 2017 **Rideout-Hanzak, S.**, D.B. Wester, M. Tewes, F. Smith, D. Ruppert. 2017. Accelerating maturation of thornscrub habitat for ocelots. State Wildlife Grants. \$99,680. 2.5 years.
- 2015 **Rideout-Hanzak, S.**, D.B. Wester, A. Ortega-S., and T. Fulbright. Comparison of seasonal burning on cordgrass community composition and livestock distribution on the East Foundation’s El Sauz Ranch. East Foundation. \$255,926.
- 2013 **Rideout-Hanzak, S.**, A. Ortega-S, R. DeYoung, D. Hewitt, A.T. Conkey, F. Bryant, J. Villarreal. Capacity building for sustainable wildlife management on private lands in Mexico. USDI, Wildlife without Borders – Mexico. \$25,000.
- 2011 Ortega, A., F. Bryant, T. Fulbright and S. **Rideout-Hanzak**. 2011. Effects of prescribed burning as maintenance treatment for roller chopped areas of mixed brush plant communities on herbaceous vegetation and invasive species. USDA, NRCS. \$70,716.
- 2008 Perry, G., S. **Rideout-Hanzak**, D.B. Wester. Abundance, habitat use, and seasonal activity patterns of Texas Horned Lizards at Camp Bowie. Texas Army National Guard. \$60,082.
- 2006 **Rideout-Hanzak, S.**, D.B. Wester, C.M. Britton, C. Boal, H. Whitlaw. Vegetation, soil and avian responses to the East Amarillo Complex Wildfires of the Texas panhandle: Management Implications. USDA NRCS, Fish and Wildlife Conservation Grants. \$199,910.
- 2001 Bowker, J.M., G.T. Green, C.Y. Johnson and S. **Rideout**. A Social Assessment of Public Knowledge, Attitudes and Values Related to Wildland Fire, Fire Risk and Fire Recovery. Joint Fire Sciences Program. \$103,000.

COURSES TAUGHT AT TEXAS A&M UNIVERSITY-KINGSVILLE:

WSC1 6325	Fire Ecology	RWSC 3380	Rangeland Improvements
WSC1 6320	Prescribed Burning	RWSC 2323	Principles of Range Management
RWSC 3390	Prescribed Fire	RWSC 2330	Principles of Wildlife Management
WSC1 6345	Restoration Ecology	RWSC 4319	Methods in Rangeland Ecology
RWSC 1110	Introduction to Wildlife Professions		