

## Sandra Rideout-Hanzak, Ph.D.

Professor & Research Scientist  
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### EDUCATION

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Ph.D.	Stephen F. Austin State University	May 2001	Forestry
M.S.F.	Stephen F. Austin State University	Dec 1997	Forestry
B.A.	Ball State University	May 1987	Health & Safety Education

### LICENSURE/CERTIFICATION

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Certified Senior Wildlife Fire Ecologist, Association for Fire Ecology, March 2014

### TEACHING EXPERIENCE

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2019-Present	Professor, Department of Rangeland and Wildlife Sciences Texas A&M University-Kingsville
2013-2019	Associate Professor, Department of Animal, Rangeland and Wildlife Sciences Texas A&M University-Kingsville
2010-2013	Assistant Professor, Department of Animal, Rangeland and Wildlife Sciences Texas A&M University-Kingsville
2005-2010	Assistant Professor, Department of Natural Resources Management Texas Tech University
1998-1999	Instructor, Arthur Temple College of Forestry Stephen F. Austin State University

### SELECTED PUBLICATIONS

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#### *Refereed Journal Articles (since 2018)*

Subedi, M., W. Xi, C. Edgar, S. **Rideout-Hanzak**, M. Yan. 2020. Tree mortality and biomass loss in drought-affected forests of East Texas, USA. *Forest Ecology and Management*. in press.

Grace, J., S. **Rideout-Hanzak**, R. Stanko, V. Acosta-Martinez, A. Ortega, D. Wester. 2019. Soil seed bank characteristics in rangelands with increasing invasion of *Heteropogon contortus* or *Eragrostis lehmanniana*. *Journal of Arid Environments* In press.

Wester, D.B., S. **Rideout-Hanzak**, C.M. Britton, B.C. May. 2019. Effects of fire on Kuenzler's hedgehog cactus (*Echinocereus fendleri* var. *kuenzleri*). *Natural Areas Journal* 39(3):339-350

Grace, J.L., V. Acosta-Martinez, S. **Rideout-Hanzak**, R. Stanko, A. Ortega-S., D.B. Wester. 2019. Soil microbial community size and composition changes along a tanglehead (*Heteropogon contortus*) gradient in a semiarid region. *Applied Soil Ecology* 138:37-46.

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* 161:25-34.

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* 27:11-21.

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.

Mata, J.M., H.L. Perotto, F. Hernández, E.D. Grahmann, S. **Rideout-Hanzak**, J.T. Edwards, M.T. Page, and T.M. Shedd. 2018. Quantifying the spatial and temporal distribution of tanglehead (*Heteropogon contortus*) on South Texas rangelands. *Ecological Processes* 7(2):1-9.

#### *Nonrefereed Articles (since 2018)*

**Rideout-Hanzak**, S., D.B. Wester, and J. Avila Sanchez. 2019. Is a summer burn a "hotter" burn? *Caesar Kleberg Tracks Newsletter* (23):3.

**Rideout-Hanzak**. 2018. Prescribed burning for improved wildlife habitat is not as simple as lighting a match. *Texas Wildlife*, August:30-32.

Haynes, T., S. Avila-S., A. Ortega-S., D. Wester and S. **Rideout-Hanzak**. 2018. Improving livestock distribution and utilization in gulf cordgrass with prescribed burning. *Caesar Kleberg Tracks* 3:

#### *Books*

**Rideout-Hanzak**, S., J.G. Villarreal González, D. Hewitt, R. DeYoung, A.A.T. Conkey, J.A. Ortega-S. 2015. Manejo de Ranchos Cinegéticos: Por Donde Empezar? Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville. 157 pp.

**Rideout-Hanzak**, S.; Oswald, B.P.; Beierle, M., comps. 2010. Fourth International Congress on Fire Ecology and Management: Fire as a Global Process; 2009 November 30 - December 4; Savannah, GA. Leavenworth, WA: The Association for Fire Ecology. Berndt, T. J. (2002). Friendship quality and social development. *Current Directions in Psychological Science*, 11, 7-10.