

Tim Steffens

Academic Rank: Assistant Professor
Specialization: Rangeland Management
Appointment Basis: 12-month

Academic Education Background

Ph.D., Range Science, Colorado State University, Ft. Collins, CO, 1994
M.S., Animal Nutrition, Texas Tech University, Lubbock TX, 1984
B.S., Agriculture Education, Tarleton State University, Stephenville, TX, 1982

Professional and Research Experience

Oct. 2013-present Assistant Professor Department of Agriculture West Texas A&M and Texas A&M AgriLife Extension Specialist, Amarillo
Aug. 2005-Oct. 2014 Multi-county Rangeland Management Specialist USDA-NRCS; Springfield, CO
Sep. 2003-Aug. 2005 Instructor; Western Center for Integrated Resource Management, Colorado State University, Ft. Collins, CO
Sep. 2002-Sep. 2003 Manager, Mescalero Apache Cattle Growers, Mescalero, NM
Aug. 1997-Sep. 2002 Extension Range Specialist Colorado State University Cooperative Extension, Rocky Ford, CO

Teaching Experience

Oct. 2013-present Assistant Professor Department of Agriculture West Texas A&M and Texas A&M AgriLife Extension Specialist, Amarillo
Sep. 2003-Aug. 2005 Instructor; Western Center for Integrated Resource Management, Colorado State University, Ft. Collins, CO

Dates of Appointment and Promotions at Present Institution

October 2013 Assistant Professor Department of Agriculture West Texas A&M and Texas A&M AgriLife Extension Specialist, Amarillo

Publications (last five years)

Steffens, T., M. Rhoades, E. Bailey, D. Lust. 2015. Using Historical Rainfall Patterns to Plan for Drought in the High Plains. Texas A&M AgriLife Extension Publication ERM-012.
Steffens, T., E. Bailey, M. Rhoades, D. Lust. 2015. Matching Cattle Production Cycle to Forage Availability on the High Plains. Texas A&M AgriLife Extension Publication ERM-013.
Provenza, F., H. Pringle, D. Revell, N. Bray, C. Hines, R. Teague, T. Steffens, M. Barnes. 2013. Complex creative systems: principles, processes and practices of transformation. *Rangelands* 35: 6-13.
Frasier, W.M. and T. Steffens. 2013. Stocking rate decisions are not related to what you paid for your land or pickup. *Rangelands* 35: 14-21.
Steffens, T., G. Grissom, M. Barnes, F. Provenza and R. Roath. 2013. Adaptive grazing management for recovery. *Rangelands* 35: 28-34.
Grissom, G. and T. Steffens. 2013. Adaptive grazing management at Rancho Largo Cattle Company. *Rangelands* 35: 35-44.
Teague, R., F. Provenza, U. Kreuter, T. Steffens, M. Barnes. 2013. Multi-paddock grazing on rangelands: Why the perceptual dichotomy between research results and rancher experience? *Journal of Environmental Management*. 128: 699-717.

Off-campus Consulting, or Other Professional Activities, Special Honors and Recognition (past five years)

Publication award for scientific publication from Texas Section Society for Range Management, 2013 Outstanding Achievement Award – Stewardship. 2011. Society for Range Management.
Chair, Advisory Council; Society for Range Management 2010.

Membership and Offices Held in Professional Organizations

Member of Society for Range Management

- Texas Section Chairman, Outstanding Rangeland Management/ Outstanding Rangeland Conservation Awards committee 2014, 2015
- Chair, Advisory Council; Society for Range Management 2010.
- Chair-elect, Advisory Council; Society for Range Management 2009.
- President Colorado Section 2009
- Incoming President Colorado Section 2008.
- Excellence in Rangeland Conservation Committee member 2004-2007, chair 2007
- Director of Colorado Section, 1998-2000.
- Member of Excellence in Range Management Committee Texas section, 1996-1997.
- Member of Information and Education Committee Texas section, 1996

External Grants and Other Research Funding (last five years)

2016-2017. Co-PI (w/ Chuck West, Texas Tech University) Legislative exceptional item budget request: Sustainable Land and Water Use for Semi-Arid Texas: joint proposal with Texas Tech University “Sustainable Land and Water Use for Semi-Arid Texas” \$1,997,000 total; WTAMU portion \$597,000; submitted

2014. Principal Investigator. Individual Plant treatments for Redberry Juniper with Dupont MAT-28 products. \$2000.

2015-2016. Principal Investigator. Texas Water Resources Institute Grant. Mesquite effects on grass and soil ecology. \$4,983