# Gregory L. Torell

CONTACT Information Texas A&M AgriLife Research Center at El Paso

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RESEARCH INTERESTS

Resource and environmental economics, water economics, rangeland economics, energy economics, applied microeconomics.

EDUCATION

University of Wyoming, Laramie, Wyoming USA

2016 Ph.D., Economics

New Mexico State University, Las Cruces, NM USA

2010 M.S., Agricultural Economics

2008 B.A., Economics

2008 B.A., Foreign Language - German

EMPLOYMENT HISTORY 2016–present Assistant Professor, Texas A&M AgriLife Research at El Paso, Texas A&M University Department of Agricultural Economics

**PUBLICATIONS** 

Torell, G.L. and R.B. Stevens, (2018), *The Texas State Water Plan: History and Future*, Western Economic Forum, **16**(1), 23–29

Stevens, R.B., and G.L Torell, (2018), Exceptional Drought and Unconventional Energy Production, Sustainability, 10(4), 1218

Torell, L.A., McDaniel, K.C., Brown, J.R., and G.L. Torell, (2017), Broom Snakeweed (Guierrezia sarothrae) Population Change in Central New Mexico: Implications for Management and Control, Rangeland Ecology and Management, 71(2), 228–238

Torell, L.A., Torell, G.L. and R.K. Skaggs, (2014), Incorporating Ecosystem Services into Economic Assessments of Restoration Projects, Rangelands 36(2), 1–7

Godby, R., Torell, G.L. and R. Coupal, (2014), Estimating the Value of Additional Wind and Transmission Capacity in the Rocky Mountain West, Resource and Energy Economics **36**(1), 22–48.

Torell, L.A., Torell, G.L., Tanaka, J. and N. Rimbey, (2013), *The Potential of Valuing Rangeland Ecosystem Services on Public Rangelands*, Western Economic Forum **12**(1), 40–46

Torell, G.L. and F. Ward, (2010), Improved Water Institutions for Food-Security and Rural Livelihoods in Afghanistan's Balkh River Basin, Int. J. of Water Resources Development 26(4), 613–637

EXTERNAL FUNDING

2017-2020: USDA-AFRI Agricultural Water Challenge. Proposal Title: "Diversifying the Water Portfolio for Agriculture in the Rio Grande Basin". (\$34,919 of \$5,000,000)

2017-2020: USDA-NIFA. Proposal Title: "Sustainable Water Resources for Irrigated Agriculture in a Desert River Basin Facing Climate Change and Competing Demands: From Characterization to Solutions". (\$44,687 of \$4,500,000, TAMU portion \$850,000)

2017: DOE. Proposal Title: "Atmosphere to Grid: Addressing Barriers to Energy Conversion and Delivery". (\$15,675 of \$4,250,000, TAMU Portion \$15,675)

Working Papers

Torell, G.L. and K.D. Lee, Impact of Climate Change on Livestock Returns and Rangeland Ecosystem Sustainability in the Southwest, Agricultural and Resource Economics Review, forthcoming, 2018

Torell, G.L. and R.B. Stevens, Water and Energy: The Effect of Drought on Electricity Prices, Energy Economics, under review

Torell, G.L., Lee, K.D., and C. Steele, *Understanding Future Threats to Western Rangelands:*Modeling the Impact of Environmental Change, Western Economic Forum, under review

Farah, N. and G.L. Torell, Defensive Investment in Municipal Water Hardness Reduction

Torell, G.L., Lee, K.D., Mayer, A. and F.A. Ward Calculating the Basin-wide Opportunity Costs of Environmental Flows

Torell, G.L., Lee, K.D., and R.B. Stevens, Self-Sustaining Food Labels: Recent Evidence from Grass-Fed Beef Markets

Torell, G.L. Lee, K.D., Stevens, R.B., Newman, S., and D. Chavez, *The "100-year Flood" Terminology and Risk Perceptions* 

## Honors and Awards

### University of Wyoming

2014 Attilio and Hedy Bedont Outstanding College of Business Graduate Student Award
Department of Economics and Finance Best Graduate Student Teaching Award 2013–2014
Promoting Intellectual Engagement in the First Year (PIE) Award

New Mexico State University

2010 Outstanding Graduate Student in Agricultural Economics Award

# INVITED AND CONFERENCE PRESENTATIONS

2017 Pacific Northwest Regional Economic Conf., Bend, OR Northeast Agricultural and Resource Economics Assoc. Conf., Washington, DC Assoc. of Environmental and Resource Economists at Western Economic Association International Conference, San Diego, CA

2015 Energy Policy Research Conference, Denver, CO

2013 International Atlantic Economic Society, Philadelphia, PA

University of Wyoming Center for Energy Economics and Public Policy and the School of Energy Resources, Teton Village, WY
 Western Agricultural Economics Association, Park City, UT
 Pacific Northwest Regional Economic Conference, Seattle, WA

2011 Joint Annual Meeting WAEA / CAES, Banff, Alberta, Canada

## TEACHING EXPERIENCE

### University of Wyoming

Spring 2014: Instructor of Record, Environmental Economics Fall 2013: Instructor of Record, Principles of Macroeconomics

# Affiliated Groups and Professional Involvement

Graduate Student Placement Committee, TAMU Dept. of Ag Economics - committee chair Award and Acknowledgment Committee, TAMU AgriLife Research at El Paso - committee chair

Far West Texas Water Planning Group - non-voting member

Agricultural and Applied Economics Association (AAEA) - member

The American Economic Association (AEA) - member

Association of Environmental and Resource Economics (AERE) - member

American Water Resources (AWRA) - member

University Council on Water Resources (UCOWR) - member

#### Referee Service

**Economic Inquiry** 

Resource and Energy Economics

International Journal of Water Resources Development

Rangeland Ecology and Management

Canadian Journal of Agricultural Economics

Western Economic Forum