



**Malpai Borderlands Group Science Conference**

**January 9, 2020**

**Geronimo Event Center Rodeo, New Mexico**

(31.87095° N, 109.03535° W) WGS 84

9:45-9:55 Introductions

Myles Traphagen  
Richard Winkler

Science Coordinator, Malpai Borderlands Group  
Executive Director, Malpai Borderlands Group

9:55-10:35 David Simeral

Desert Research Institute & Western Regional  
Climate Center , Reno, NV

“Climate trends and monitoring in the Southwestern U.S.”

10:35-11:00 Kathy Gerst

University of Arizona, Tucson, AZ

“USA National Phenology Network: Science and Monitoring for Informed Decisions.”

11:00-11:25 Jeff Fehmi

University of Arizona, Tucson, AZ

“Lehman lovegrass ecology and control.”

BREAK 11:25-11:40

11:40-12:05 Laura Norman

United States Geological Survey- Tucson, AZ

“Quantifiable benefits of erosion control structures in the San Bernardino Valley.”

12:05- 12:30 Brandon Bestelmeyer

USDA Jornada Experimental Range,  
Las Cruces, NM

“Socioeconomic and environmental changes in the Malpai region.”

LUNCH 12:30-2:00

2:00- 2:30 Phil Rosen & Cecil Schwalbe University of Arizona, Tucson, AZ

“Reptile and Amphibian Conservation with the Malpai Borderlands Group”

2:30- 2:55 Ivonne Cassaigne

Primero Conservation- Mexico City, DF, Mexico

“Rancher and jaguar conflicts in Sonora, Mexico”

2:55- 3:20 Juan Carlos Bravo

Wildlands Network- Hermosillo, Sonora, Mexico

“Mexico Highway 2 expansion and effects on Borderlands jaguar linkages”

3:20- 3:55 Cody Wooden

University of Arizona- Tucson, AZ

“Woody shrub increase in the Malpai region from 1990 to the present.”

3:55- 4:20 Shelemia Nyamuryekung'e USDA Jornada Experimental Range, New Mexico  
State University, Las Cruces, New Mexico

“Criollo cattle research: Landscape use, heat tolerance, mothering style & range  
finishing.”

4:20- 4:30 Cindy Tolle

Evergreen Ranching & Livestock, South Dakota

“Sustainable Southwest Beef Project using the Integrated Farm System Model.”