



PRESIDENT’S MESSAGE—Iric Burden



Happy Holidays to all of you and your families,

I am optimistic for a wet winter throughout our great state! We have found ourselves in a precarious situation as of the end of October; some people have had to make serious decisions whether you are a rancher or manager in some parts of the state, while others have had the good fortune to be in a relatively safe spot for the time being. Either way, many people working on Arizona Rangelands have gathered much information to make informed decisions, regardless of facing tough decisions!

That my friends, is the true definition of a great Steward!

As I write this letter, today marks the last day for comments on the strategic plan, diversity statement and by-laws we sent out. As it stands, we are full steam ahead to present our final versions to all of you at the joint winter AZ/NM SRM meeting in Silver City, New Mexico January 9 – 11, 2019. We will also be unveiling our new logo: shirts and hats will be available. We have ordered a limited number but will take orders at the meeting once we run out. **Continued on Page 2...**



CALL FOR AUCTION ITEMS!

Help support the Arizona Section and Natural Resources Conservation Workshop for Arizona Youth (NRCWAY) by donating items for the annual Winter Meeting Live Auction.

Questions? Contact Andrew Brischke at brischke@cals.arizona.edu



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PRESIDENT'S MESSAGE

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I would like to personally thank a few people who have worked so hard and lead the effort to put together such a wonderful joint AZ/NM winter meeting for all the people from such two beautiful states. I know all the people on the Board for the Arizona Chapter are excited and honored to partner with New Mexico to be able to put such a fantastic event our membership. Please take the opportunity at the meeting to thank all the Board Members from both the Arizona and New Mexico Sections, as they have done an unbelievable job! Specifically, please make sure that you seek out both Brenda Simpson (New Mexico SRM President-Elect) and Andrew Brischke (Arizona SRM President-Elect) and congratulate them on all their efforts and work coordinating this event. I am very appreciative of their work. Thank you, Andrew and Brenda. I promise, this will be time worth spent!



I write this letter conflicted today. I truly have enjoyed my time with all the Board members over the past three years, as for our membership, we all know everyone in our professional community within our great state. I further will say, we are all friends and family, we laugh and share, we know each other beyond the proverbial "how is the family", we care for all our fellow friends but most importantly, we are accepting. Many of you know by now, our Society lost a bright, wonderful and caring soul in Jessica Orozco recently. We lost a friend, we lost a family member, we lost a person who truly was asking beyond "how is the family"! As the upcoming holidays approach, I will be thinking of friends and family come and gone, reflect on the positives that have enriched my life, take pause to appreciate and be thankful for it all...I will be thinking of all of you!

I am honored to have been able to serve this membership and thank you for letting me. I look forward to seeing all of you at the meeting, and please know, when I ask "how you are" or "how is the family" I am asking beyond.

Please have a safe and happy holiday season.

Sincerely,

Irnie B. Burden

President – Society for Range Management
Arizona Section

2018 Arizona Section Board of Directors and Website

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Arizona Section Website

<http://www.azrangelands.org/>

SOCIETY FOR RANGELAND MANAGEMENT ARIZONA & NEW MEXICO SECTIONS JOINT WINTER MEETING



MANAGING RANGELANDS WITHOUT BORDERS

WHEN

**Wednesday, January 9th, 2019 –
Friday, January 11th**

WHERE

Grant County Conference Center
3031, U.S. 180, Silver City, NM

REGISTRATION INFORMATION:

[CLICK HERE TO REGISTER ON-LINE](#)

SRM Member: \$125

Includes breakfast Thursday/Friday, lunch Thursday, & Dinner Thursday

Rancher/Producer: \$100

Includes breakfast Thursday/Friday, lunch Thursday, & Dinner Thursday

Student: \$50

Includes breakfast Thursday/Friday, lunch Thursday & Dinner Thursday

Non-Member: \$150

Includes breakfast Thursday/Friday, lunch Thursday & Dinner Thursday

Late Registration: \$150

After 12/28/18 - Includes breakfast Thursday/Friday, lunch Thursday & Dinner Thursday

Thursday Dinner Only (Spouse/Partner): \$25

Lodging available at:

Holiday Inn & Suites
1103 Superior, Silver City
(575) 538-2525

Comfort Inn
1060 US-180, Silver City
(575) 534-1883

Quality Inn
1120 Hwy 180 E, Silver City
(575) 534-1111



Optional Wednesday Tours:

Gila Cliff Dwellings Tour: \$25
Includes sack lunch and transportation from/to the convention center

Tyrone Copper Mine Open Pit Tour: \$25
Includes light snack. Tour limited to 35 people—first come first served.

Featured Speakers include:

Jeff Witte

New Mexico Secretary of Agriculture

Dr. Craig Gifford

NMSU Beef Specialist

Larry Howery

UA Range Specialist and Professor

Chandra Holifield Collins

Soil Scientist with the Southwest Watershed Research Center

Keynote Speaker:
Dr. Fred Provenza

POSTER PRESENTATIONS ARE STILL BEING ACCEPTED

Society for Rangeland Management
Arizona & New Mexico Sections Joint Winter Meeting
Grant County Conference Center - Silver City, NM
January 9th - 11th, 2019

Managing Rangelands Without Borders Agenda

Wednesday January 9th

- 10:30 am Gila Cliff Dwellings Tour (Optional + fee, sack lunch included)
12:00 pm Tyrone Copper Mine Open Pit Tour (Optional + fee, light snack included)
5:00 pm AZ/NM SRM Mixer
6:00 pm Section Business Meetings
7:00 pm Dinner (on your own)

Thursday January 10th

- 7:00 am Breakfast / Posters Up (Included w/ registration)
8:00 am Opening Speakers (10 min. ea.)
Jeff Witte, New Mexico Secretary of Agriculture
Judith Dyess, USFS Regional Office, Southwest Region (3)
8:30 am Collaboration / Relationships (30 min. ea.)
Ty Bays: Reclamation efforts and natural resource management at the Tyrone Mine
Shane Lyman: USFS Border Patrol Liaison
Alejandro Carrillo: Greening the Chihuahuan Desert
10:00 am Break
10:30 am Education / Research (30 min. ea.)
Leticia Lister and Lan Hauser: 5 and 10 year monitoring results of aerially applied creosote treatments
Emilio Carrillo: Rangeland Analysis Platform
Dr. David Johnson-Regenerating the Diversity of Life in Soils-Hope for Farming, Ranching, Environment and Climate!
12:00 pm Lunch (Included w/ registration)
1:00 pm Range Livestock (45 min. ea.)
Dr. Craig Gifford, NMSU Beef Specialist: Cattle Nutrition on Rangelands
Dr. Larry Howery, UA Range Specialist and Professor: Potential to Genetically Select Cattle for Improved Grazing Distribution
2:30 pm Break
3:00 pm Education / Research (40 min. ea.)
Matt Reeves: Production Tool
Dr. Jeff Herrick: Land PKS tool
Chandra Holifield Collins, Soil Scientist, Agricultural Research Service, SW Watershed Research Center- Rangeland Brush Estimation Toolbox (RaBET)
5:00 pm AZ/NM Social / Poster Session
6:00 pm AZ/NM Auction
7:00 pm Dinner / Awards and Recognition Banquet (Included w/ registration)
Key Note Speaker: Dr. Fred Provenza

Society for Rangeland Management
 Arizona & New Mexico Sections Joint Winter Meeting
 Grant County Conference Center - Silver City, NM
 January 9th - 11th, 2019

Managing Rangelands Without Borders (Agenda continued...)

Friday January 11th

- 7:00 am Breakfast (Included w/ registration)
- 8:00 am Young Professional / Student Presentations (~20 min. ea.)
Tatjana Mercado: Development of a Multidimensional Metric to Assess Terrain Use of Rangeland Cattle.
Liz Delcamp: Analysis of 30-Plus Years of Monitoring on the Arizona Strip at the Landscape Scale (Preliminary Results), Univ. of Arizona Cooperative Extension, Mohave Co.
Matthew McIntosh: Long-term Trends in Perennial Grass Production, Precipitation and Ambient Temperature in the Chihuahuan Desert
Arizona Section High School Youth Forum Delegates: Lauren Basteen and Alex Solano
*Dave Stricklan: Dispersal of One-Seed Juniper (*Juniperus monosperma*) by a Diverse Frugivore Guild in Central New Mexico*
- 10:00 am Break
- 10:30 am Young Professional / Student Presentations (30 min. ea.)
Natalya Robbins Sherman: Adaptive Management in Natural Resource Management
Yasser Almalki: Juniper sapling regrowth following targeted grazing treatments in relation to terpenoid concentration
Dr. Josh Grace: Importance of Maintaining Relationships and Coordination Among Public Land Stakeholders When Implementing Adaptive Management [WT], University of Arizona Cooperative Extension
- 12:00 pm Adjourn

[CLICK HERE TO REGISTER ON-LINE](#)

Or use the following URL:

<https://events.eventzilla.net/e/arizona-and-new-mexico-joint-society-for-range-management-meeting-managing-rangelands-without-borders-2138708094>



FEBRUARY 10 - 14, 2019 | MINNEAPOLIS, MN
SRM ANNUAL MEETING
Gateway to the Prairie

<http://annualmeeting.rangelands.org>

ARIZONA SRM CANDIDATE VICE PRESIDENT 2019

Emilio Carrillo

Title/Position: Rangeland Management Specialist

Affiliation: USDA- Natural Resources Conservation Service (NRCS)

Phone: 520-647-9326

E-mail: emilio.carrillo@az.usda.gov

Mailing Address: USDA-NRCS

2000 E. Allen Rd, Bldg 320

Tucson, AZ. 85719



Biography: Emilio is native to Arizona. He is a 6th generation Tucsonan whose family came to Tucson in the late 1800's to ranch. He is a University of Arizona graduate with a B. S. in Range Management.

He has been working with NRCS for 23 years. His career with the Natural Resources Conservation Service (NRCS) began as an intern in 1996 in Willcox, AZ. As the summer internship ended in Willcox he returned to the UofA and worked part time in Tucson for NRCS. Upon graduating in 1998 he began working full time in Tucson for NRCS. During that time, his major responsibilities were to provide landowners (ranchers & farmers) with conservation planning and management advice on private lands.

His current position with NRCS, as Area Rangeland Management Specialist, he is responsible for training new employees & keeping staff current with

new technology. Emilio has also been on multiple national NRCS training cadres for many years where he instructed NRCS employees across the nation in conservation planning and range management principles. He has served as Arizona NRCS State Rangeland Management Specialist.

Emilio has been an active member of SRM for many years. He served as Director South and as Chairman of the Awards Committee for numerous years. He has also been involved with SRM at the national level, where he served on a few committees throughout the years.

Emilio has come to know many of the producers and professionals in the discipline. As a 6th generation Tucsonan he has strong ties to Southern Arizona. Emilio humbly submits his name for nomination of Vice President.

WANT TO FOLLOW THE ARIZONA SECTION ON SOCIAL MEDIA?



Facebook

Like our page:

Arizona Section Society for Range
Management



Instagram

Follow us at:
arizona_srm

You'll see posts featuring upcoming events and workshops, job advertisements, relevant news, plant identification, photos, and more!

ARIZONA SRM CANDIDATE DIRECTOR NORTH 2019

JD Eddy

Title/Position: Landowner Relations Program Specialist, Region 1

Affiliation: Arizona Game and Fish Department

Phone: (928) 532-3682

Email: JEddy@azgfd.gov



I would be glad to serve as the Director North for the Arizona Section Society of Range Management. I believe this position would provide me an opportunity to continue working and network with like-minded individuals of this great state. I have also been encouraged to participate by my graduate advisers and peers here in Arizona. It is my professional goal to both benefit the wildlife and ranch management objectives when conducting conservation practices by bringing my training and perspective to prospective projects. I believe this position would also keep with the goals and objectives of my current position within Arizona Game and Fish as the Landowner Relations Program Specialist for Region 1.

I started my path towards conservation management at Dixie State University in St. George, UT. I graduated from Dixie State in Biology with a minor in Chemistry during May 2014. I also was able to participate in multiple range and wildlife activities outside of the class room throughout my education. I served as a Research Assistant for my adviser in a preliminary survey study of lichens at Snow Canyon State Park. I conducted a summer internship for the National Park Service as a Natural Resource Intern at Pipe Springs National Monument. I also returned to Dixie following my graduation to teach both an ecology lab and two biology labs for their Biology department.

Following my teaching opportunity at Dixie, I accepted a research assistantship for the Borderlands Research Institute at Sul Ross State University Natural Resource Department. My masters research project was the removal of invasive brush species, particularly Torrey mesquite, for scaled quail habitat restoration. I graduated from Sul Ross in May 2017 with a Masters in Range and Wildlife Management. I was active in my student range and wildlife club as the Treasurer at Sul Ross which kept me involved in both the Society for Range Management Texas Section and the Texas Chapter of The Wildlife Society. I was then able to secure a position with Pheasants Forever/ Quail Forever as a Farm Bill Wildlife Biologist working as a contractor for the AZ Game and Fish Department.

I have recently been able to secure a similar position as the Landowner Relations Program Specialist for Region 1 of the Arizona Game and Fish Department. During all this I have been blessed with many great learning and training opportunities all while being afforded the ability to support my wonderful family of three kids and my wife, Brytani. I have thoroughly enjoyed this journey so far and look forward to the many opportunities the great state of Arizona has to offer particularly here in the White Mountains.



ARIZONA SRM CANDIDATE DIRECTOR SOUTH 2019

Kent Curley

Title/Position: Rangeland Management Specialist

Affiliation: USDA Natural Resources Conservation Service (NRCS)

My name is Kent Curley. I'm originally from Steamboat, Arizona, a small community on the Navajo Reservation. I work for Natural Resource Conservation Services (NRCS) as a Range Management Specialist in Willcox, Arizona. Prior to NRCS, I've worked for the U.S Forest Service as a Range Technician. Growing up on a ranch all my life, I've always been passionate about finding a balance between the conservation of natural resources and livestock production, so I picked a career path in rangeland science at New Mexico State University. Since then, I have accomplished my goals with a bachelor's degree and now spend my time out in the field working with ranchers to improve rangelands.

Someday, I would like to bring the knowledge and experiences I have gained and return to the Navajo Nation to educate the younger generation the importance of rangeland conservation.



DIRECTOR NORTH REPORT —

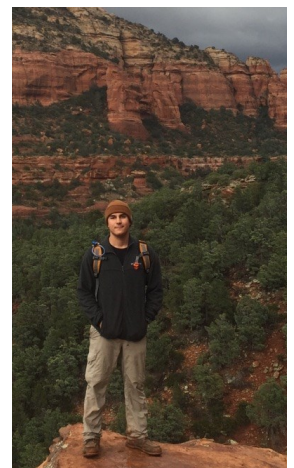
Joey Dahms

Hello all,

The last time that I wrote to you back in June I wrote about preparing for drought and Josh touched upon it again in September. As ranchers and rangeland managers up in the great north experienced firsthand, it came, and it came hard. Many of the ranches that I have been on of late have had little to no effective precipitation from late summer into early fall and while the rain from Hurricane Rosa fell in heaps in some places it is important to realize that timing can be everything with rangeland production. These conditions have led to very rough conditions ranging from lack of water in tanks, rampant dust, lack of warm season growth, and in some severe cases large scale die-offs of warm season perennial grasses. While the damage has been done this points to the importance of adaptive management and always be-

ing prepared for the worst-case scenario in case it should arise. As for the coming year I am optimistic on at least having average conditions. We had our first snow here in Flagstaff early this year (October) and seem to have some pretty good storms scheduled to come in early December that hopefully will set the stage the rest of the winter and potentially even the rest of the year!

This will also likely be the last time I write to you as Director North as my term is coming to an end at our upcoming winter meeting in January, where we will hold elections for a new person to take over the role. It was a pleasure being able to serve on the board and I plan on remaining active in the section as well as serving on multiple committees. Happy Holidays to all!



IN MEMORY OF JESSICA MAE OROZCO



“Plants Not Pants!”

It is with great sadness that we say goodbye to one of our brightest faces whose positive energy was heartwarmingly contagious. The Arizona Section has lost a family member in Jessica, who was taken much too soon on Oct. 27, 2018 at the age of 31.

Excerpts from Jessica's Obituary published in the Kingman Daily Miner (<https://kadminer.com/news/2018/nov/01/obituary-jessica-mae-orozco/>):

“She was born Feb. 1, 1987 in Sacramento, California. She received a Master of Science in Botany from Claremont Graduate University, and a Bachelor of Science degree in Plant Biology from San Francisco State University. She also minored in American Indian Studies at SFSU, and had been working her dream job as a Range Specialist with the Hualapai Natural Resources Department.

Jessica Orozco was a proud Native woman who was able to take all of the anguish and pain of the past and transform it into a beautiful life, where she fought for the rights of the indigenous and refused to submit to the lasting effects of colonization. Jessica had an unprecedented love and understanding of the earth and all its plants. The joy she felt in discovering plants unknown to her, or in teaching others about plants unknown to them, was a joy that would resonate in everyone around her. Jessica developed her love for nature at an early age. As a botanist, she trudged through paths less traveled in order to shine light on plants that would have otherwise been overlooked. She truly

was a gift to Mother Earth...

She loved her nephew James more than anything in the world. When the time came for James to need a parent, Jessica overnight became an amazing, committed single mom whose life was so enriched by her courageous decision. She commonly referred to him as her “heart.” She felt a strong need to protect her “heart,” and had been his legal guardian since 2015...

No matter how much time anyone spent with Jessica, she always left an impression. Her bright, bubbly, and exciting nature could fill any room with laughter and smiles...She had spent her life dedicated to the purpose of helping the planet heal, and there was so much more she had planned to do. Forever in our hearts, our minds, and within the energy of plants. Jessica Mae Orozco, you will be missed.”

The AZ Section Society for Range Management is working to establish a “Jessica Mae Orozco Memorial Award”. Stay tuned for updates.

The Society of Ethnobiology has recently renamed one of their Fellowships, [an award Jessica received in 2016](#), to the "Jessica Mae Orozco Indigenous Ethnobiologist Fellowship".

Donations to support Jessica's adopted son, James, can be made on GoFundMe.com at: <https://www.gofundme.com/jessica-m-orozco-fund-for-james>.

CALENDAR OF EVENTS

2019

- January 09-11 Arizona SRM and New Mexico SRM Joint Annual Winter Meeting, Silver City, NM
January 11 Reproductive Diseases of Beef Cattle Workshop, Marana Stockyards
January 26 Southern Arizona Equine Health Symposium, UA Campus Ag Center, Tucson, AZ
<https://extension.arizona.edu/2019-southern-arizona-equine-health-symposium>
- February 06 Southeastern Arizona Ag. Day, Willcox Community Center
February 08 Graham County Farm, Home, and Ranch Day at the Discovery Park, Safford, AZ
February 10-14 2019 SRM Annual Meeting, Technical Training, and Trade Show, Minneapolis, MN
February 26 Rain Gauge Workshop, Willcox, AZ (contact kimm@cals.arizona.edu)
- March 05 Range Livestock Nutrition Workshop, Willcox, AZ
March 06 Range Livestock Nutrition Workshop, Prescott, AZ
March 07 Range Livestock Nutrition Workshop, Holbrook, AZ



*Photo by Kelsey Hawkes Landreville, Santa Rita
Experimental Range, February 2013*

Kelsey (Hawkes) Landreville
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