



*****Early Registration Ends 10 January*****

48th Joint Annual Meeting of the Arizona/New Mexico Chapters of the Wildlife Society and the Arizona/New Mexico Chapters of the American Fisheries Society

A joint annual meeting to be held at the:

Hotel Encanto de Las Cruces in Las Cruces, NM

<http://www.hotelencanto.com/>

Thursday February 5th - Saturday February 7th, 2015

REGISTRATION INFORMATION CURRENTLY ONLINE AT:

<http://www.eventzilla.net/web/event?eventid=2139036783>

More information will be added to website as it becomes available, so check back often.

Hotel Reservations - Rooms are available at the Hotel Encanto - visit their website at www.hotelencanto.com for more information. Reserve your hotel room now! Individual reservations can be made by calling the Hotel directly at 575-522-4300 or 1-866-383-0443. For individuals to receive the Group rate of \$88 + Tax, they must identify themselves as members of the AZ/NM Joint Annual Meeting, and this can **ONLY** be done by reserving a room over the telephone. Please note that this rate is only guaranteed until January 31st, 2015.

A block of rooms has also been set aside at the Hampton Inn and Suites. The Group rate for the conference is \$89/night + Tax. The Hampton Inn and Suites (575) 527-8777, located at 2350 East Griggs Ave., is approximately 1 mile from the conference site at the Hotel Encanto.

Plenary - The plenary theme is *New Technologies in Fish and Wildlife Science*. We sought to bring together a diverse group of presenters that are employing cutting edge technologies in their research and management activities. Although some of the technologies discussed during the plenary have been around for a while in other fields (e.g., genetic analyses) we believe that the novel application of these technologies in fish and wildlife research and management will be of interest to both fisheries and wildlife biologists.

Student Mentor Lunch - There will be a student mentor lunch held on Friday February 6th from 11:30 a.m. to 1:00 p.m. at Farley's Restaurant across from the conference hotel. This is a great opportunity to talk about careers with a variety of professionals from different organizations and agencies. Pre-registration for students is required.

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Student Quiz Bowl - The quiz bowl is a fun and exciting event where you can watch your schools compete in wildlife and fisheries trivia. Teams consist of undergraduate students from around Arizona and New Mexico. Come out and watch on Thursday February 5th from 7:00-9:00 p.m. To register for the quiz bowl, interested teams must email Heather Bateman (Heather.L.Bateman@asu.edu), and provide the names of school, student chapter, team captain, faculty advisor, and each team member before January 10th, 2015.

Photo Contest - Come on out to the San Rafael room and help judge the photo contest. There are five categories: wild mammals, wild birds, wild reptiles, wild fish, habitat and landscapes, and recreation or employees at work. 5x7 up to 11x14 inch prints on backing board are accepted for the contest, no framed art. Photos should be entered at the registration desk by 10 AM on February 6th. First (\$15), second (\$10), and third (\$5) places prizes will be awarded in each category. There will also be a prize for Best of Show (\$50).

Socials and Awards Banquet – We will have two social events at the 2015 JAM. You are encouraged to attend the welcome reception on Thursday February 5th from 6:00 to 9:15 PM and the Awards Banquet on Friday February 6th from 7:00 to 9:30 PM.

Workshops Thursday February 5th, 2015

ALL WORKSHOPS, REGARDLESS OF COST, REQUIRE ADVANCE REGISTRATION AND ARE SUBJECT TO SPACE LIMITATIONS

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Piscicide Applications Short Course – Registration: \$30; 9:00 AM-4:00 PM

This short course will focus on safety, label requirements, Standard Operating Procedures, and case histories for piscicide applications and will meet the annual CEU requirement for Arizona and New Mexico aquatic certified applicators. Class participants are encouraged to bring case history information on recent piscicide applications.

Interview and Resume Building - Registration: Free. All participants must register for workshop and conference; 9:00 AM-3:00 PM

This workshop is designed to improve resume building and interviewing skills. Participants will learn tips and techniques for building a professional resume and cover letter, and have an opportunity to participate in mock interviews. The course is tailored to students and young professional who want to pursue a career in fisheries and wildlife.

Wildlife Handling and Restraint- Kerry Mower, NMDGF. Registration: \$50; 8:00 AM-12:00 PM

We will cover some basics of chemical immobilization, handling wildlife during the immobilization process, equipment, pharmacology, and legal requirements. We will also cover non-chemical methods of wildlife capture, restraint, safe handling, and wildlife transport. Philosophy and suggestions on appropriate use of drugs in wildlife capture and restraint will also be discussed. Most information will be specific to big game species, but we will also discuss capture and restraint of birds and waterfowl.

New Mexico - Species of Greatest Conservation Need - Matt Wunder, NMDGF. Registration: Free. All participants must register for workshop and conference; 1:00-4:00 PM

Every state prepared a State Wildlife Action Plan (SWAP) to serve as a blueprint for conservation. State Plans assess the health of wildlife and habitat, identify which species are most at risk, and outline steps needed to conserve the “Species of Greatest Conservation Need” (SGCN) before they become more rare and costly to protect. The State Wildlife Grants (SWG) Program provides federal dollars and matching state funds to support states and territories in cost-effective conservation. New Mexico prepared their SWAP, called the Comprehensive Wildlife Conservation Strategy (CWCS) for New Mexico, in 2005. The SWG Program requires that each state revise their SWAP by October 2015. The Department has prepared a draft revised list of SGCN. The session will present an overview of the SWG Program, CWCS and revision process, and solicit feedback on the draft revised list of SGCNs.

Law Enforcement Use of Social Media - Alex Hansell, NMDGF. Registration: Free. ****Open to current LE officers only**** 9:00-11:00 AM

This DPS-certified course will provide an introduction to the process of collecting and preserving social media and email accounts as evidence. Overview of social media sites include Facebook, Instagram, and email servers. Open only to law enforcement officers.

Reptile Enforcement - Brian Anthony and Randy Babb, AZGFD. Registration: Free. ****Open to both LE officers and non LEO**** 1:00-3:00 PM

Arizona and New Mexico are home to one of the most diverse and unique reptile faunas in North America. The species found here are of interest to researchers and reptile enthusiasts alike. This workshop will cover commercialization of reptiles in the Southwest, enforcement techniques for conducting reptile investigations, current laws and regulations, and reptile species of special concern. We will also discuss some of Arizona and New Mexico’s most interesting and sought after reptiles and potential impacts illegal collecting may have on these species.

Workshop in program R - David Daniel, NMSU. Registration Cost: \$25 for each ½ day workshop; 8-11:30 AM morning session; 1:00-4:30 PM afternoon session

R is an open source programming environment that is primarily targeted at performing statistical methods and creating graphics, but is used for many purposes in research and business. It is known for its flexibility and its ever-growing libraries of specialized packages.

Introduction to R – Part 1 (morning course)

This course will introduce participants to the R programming environment. No previous experience with R is required. Participants will be given access in advance to the example data files used in presenting material so that they can run the session examples themselves, and note packets will be handed out at the course. It will include the following topics (time permitting):

- Overview of R
- Useful R references
- Variable types and naming
- Operations & syntax
- Using methods & objects
- Packages
- Help system
- Environment
- Reading & writing data
- Missing values
- Data manipulation
- Implicit loops
- Conditional statements
- Explicit loops

Introduction to R – Part 2 (afternoon course)

This course will introduce participants to functions, graphics, and statistical methodologies in R. The prerequisite for this course is participation in the morning session or some equivalent experience with R. Participants will be given access in advance to the example data files used in presenting material so that they can run the session examples themselves, and note packets will be handed out at the course. It will include the following topics (time permitting):

- Functions
- Scatterplots
- Histograms, boxplots, & strip charts
- Plotting options & parameters
- Plot editing and overlaying
- One and two sample tests
- Distribution functions
- Adding points, lines, & curves
- Regression & diagnostics
- ANOVA

2015 JAM – Las Cruces, NM – Schedule at-a-Glance

Thursday February 5			
Start	End	Event	Location
9:00 a.m.	4:00 p.m.	Piscicide Training	Guadalupe
9:00 a.m.	3:00 p.m.	Interview and Resume Building Workshop	Soledad
8:00 a.m.	11:30 a.m.	R Workshop I	San Agustin
8:00 a.m.	12:00 p.m.	Wildlife Handling and Restraint	Tularosa
9:00 a.m.	11:00 a.m.	Law Enforcement use of Social Media	San Rafael A
1:00 p.m.	4:30 p.m.	R Workshop II	San Agustin
1:00 p.m.	3:00 p.m.	Reptile Enforcement	San Rafael A
1:00 p.m.	4:00 p.m.	New Mexico - Species of Greatest Conservation Need	Tularosa
2 :00 p.m.	6:00 p.m.	Registration	Lobby
3:00 p.m.	6:30 p.m.	Presentation Loading	Socorro Board Room
4:00 p.m.	6:30 p.m.	Poster Setup	San Rafael A&B
4:30 p.m.	6:00 p.m.	AZ TWS Business Meeting	Tularosa
4:30 p.m.	6:00 p.m.	NM TWS Business Meeting	San Agustin
4:30 p.m.	6:00 p.m.	AZ/NM AFS Business Meeting	Soledad
5:00 p.m.		Raffle and Silent Auction Opens	San Rafael A&B
6:00 p.m.	9:15 p.m.	Welcome Social and Appetizers	Azul Lounge and Patio
7:00 p.m.	9:00 p.m.	Student Quiz Bowl	San Andres Ball Room
Friday February 6			
7:00 a.m.	12:00 p.m.	Registration	Lobby
7:00 a.m.	11:00 a.m.	Presentation Loading	Socorro Board Room
7:30 a.m.	8:45 a.m.	SW Section Breakfast-open to all attendees	San Andres Ball Room
10:00 a.m.		Deadline to Submit for Photo Contest	Conference Registration
9:00 a.m.	11:30 a.m.	Plenary	San Andres Ball Room
11:30 a.m.	1:00 p.m.	Lunch	On Your Own
11:30 a.m.	1:00 p.m.	Student Mentor Lunch	Farley's
12:00 p.m.	5:00 p.m.	Photo Contest Voting Open	San Rafael A&B
1:00 p.m.	3:00 p.m.	Wildlife Student Paper Competition	Guadalupe
3:00 p.m.	5:00 p.m.	Technical Sessions-Wildlife	Guadalupe
1:00 p.m.	5:00 p.m.	Technical Sessions-Wildlife	Soledad
1:00 p.m.	5:00 p.m.	Fisheries Student Paper Competition	Tularosa
1:00 p.m.	4:00 p.m.	Technical Sessions-Fisheries	San Agustin
4:00 p.m.	5:30 p.m.	Presentation Loading	Socorro Board Room
5:00 p.m.		Photo Contest Voting Closes	San Rafael A&B
5:30 p.m.	6:30 p.m.	Poster Session Social	San Rafael A&B
5:30 p.m.		Raffle and Silent Auction Closes	San Rafael A&B
7:00 p.m.	9:30 p.m.	Banquet and Awards Ceremony	San Andres Ballroom
Saturday February 7			
6:45 a.m.	8:00 a.m.	AFS/TWS Officer Breakfast	Garduño's
7:00 a.m.	8:00 a.m.	Poster/Photo Take Down	San Rafael A&B
8:00 a.m.	12:00 p.m.	Technical Sessions – Wildlife and Fisheries	Guadalupe, Soledad, San Agustin, Tularosa