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TWS Wildlife Damage Management Working  
Group Newsletter

Wildlife Damage Management, Internet Center for

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Spring 2010

# INTERACTIONS: Newsletter of The Wildlife Society Wildlife Damage Management Working Group, Volume 16 Issue 2, Spring 2010

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# INTERACTIONS

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### New On-line TWS Mentoring Program

## Special points of interest:

- Information on the TWS Conference
- Learn about the new On-line TWS Mentoring Program
- Two upcoming workshops from Univ of Nebraska
- Bird Strike conference

Visit us on the web at:  
<http://Wildlifedamagegroup.unl.edu>

## LETTERS FROM GARY

# SUMMER IS RAPIDLY APPROACHING

Summer is rapidly approaching, in some areas faster than others. Work schedules change and there is more daylight for evening activities. Usually the workload lessens and we have more time for recreational pursuits. Many of the natural resources and agricultural agencies recognize youngsters are not spending as much time outdoors as they did just a few decades ago. Many have made commitments to get children more involved in outdoor programs, hire more high school and college students during the summer and use their agencies to be "on ramps" to natural resources careers.

The wildlife profession is unique in their ability to play an important role in getting youth involved in outdoor activities. Most of us spent our youth playing and enjoying the outdoors. We were men-

Continued on pg. 2



## CONFERENCE ANNOUNCEMENT

# SAVE THE DATE FOR THE 17TH ANNUAL CONFERENCE OF THE WILDLIFE SOCIETY

It is time once again to start planning for the upcoming TWS annual meeting. In this issue you will find information from the preliminary program and registration information. Also, students...don't forget to apply for your travel grants.

**Workshops will be held on Saturday, October 2. Advance registration is required for all workshops and attendance at each is limited – so register early! The registration deadline for workshops is September 3rd.**

Workshop participants must pay the appropriate workshop registration and must also register for the conference.

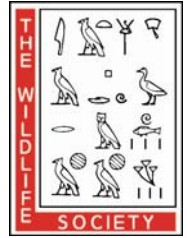
- Wildlife Applications of Bayesian Survival Analysis using WinBUGS
- Quantifying, and Restoring Native Ecosystem Diversity
- Managing Human-Carnivore Conflicts in a Modern World

- Conservation Conflict Resolution: An Experimental Training for Wildlife Professional
- Conflict Management for Wildlife Professionals: Issues in Process Design
- Navigating Species Candidate Conservation and Safe Harbor Agreements
- Advanced Ecological Data Analysis with R
- HRT: Home Range Tools for Analysis of Location Data
- NEPA Overview
- Salt Lake City: Wildlife Conservation in an Urbanizing Environment
- Field Investigation of Wildlife Mortalities
- Dealing with People: Techniques for Understanding the Human Element
- Map Your Study Area – Intro to GIS
- The USA National Phenology Network: A Practical Tool for Conservation and Education in the Face

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## OPPORTUNITIES FOR PARTICIPATION

## NEW ON-LINE TWS MENTORING PROGRAM



We are happy to announce that The Wildlife Society has implemented a state-of-the-art online mentoring system and you are invited to become one of the first group of users of our new system.

The TWS Online Mentoring Program matches mentor and mentees based on professional interests and other criteria to create a mentoring relationship and foster the next generation of wildlife professionals.

Please go to [mentor.wildlife.org](http://mentor.wildlife.org) and sign in with your membership username and password. (This is the same username and password you chose when you signed up or renewed your TWS mem-



bership). If you are not a current member, you will need to join TWS before participating in the TWS On-Line Mentoring Program.

Once you have logged in, you will be able to customize your profile and begin your mentoring relationship. Please take a moment to read the [program overview](#) and learn more about TWS online mentoring program.

Please contact [ruxandra@wildlife.org](mailto:ruxandra@wildlife.org) if you have any questions or concerns.

## CHAIR'S MESSAGE (CONTINUED FROM PG. 1)

tored in our activities by relatives and friends not once, but many times. Those of us that work in the wildlife damage area are particularly well suited to encourage youth to get interested in the outdoors. We trap, handle firearms, identify wildlife, manage habitat, follow tracks, and carry binoculars. We do all of things in the normal course of our jobs and think of them as routine, but these things are exciting to children.

These work tasks are excellent ways to get youth excited about nature and get them outside to enjoy it. While your children may enjoy spending time outside with you, their friends will also enjoy it, especially if they do not have the same opportunities. Take the time to mentor children in the skills of the outdoors, showing them the kinds of things you do every day in your jobs.

Mentoring is a commitment that requires time and energy; it is not a once and done experience. Our mentors, more often than not, spent a number of days afield with us. These experiences often directed and shaped our careers. With fewer and fewer individuals enjoying hunting and fishing each year, we can make a difference in the future of young people. It can make a difference in the future of our profession. Take time to share your abilities and skills with the next generation. If you have no children of your own, volunteer with 4-H, Scouts, Police Athletic League, Pheasants for Ever, Trout Unlimited or



WDMWG Chair—Gary San Julian

group working to teach children about and the value, conservation, and enjoyment of natural resources.

The Wildlife Society is restarting the Wildlife Bulletin in an electronic format. This was the professional outlet that many of us used to get the more hands on and field related articles published. I do not know if our recent committee report to Council on had any impact on the decision, but I hope it did.

Enjoy your summer and I hope you find the time to enjoy the natural resources you work so hard to conserve.

Article by Gary San Julian, Chair WDMWG



*17th Annual TWS  
Conference  
October 2-6 2010*

# 17TH ANNUAL CONFERENCE OF THE WILDLIFE SOCIETY (CONT. FROM PAGE 1)

- of Climate Change
- Climate Adaptation Knowledge Exchange: Building an Adaptation Community
- How to Write for The Wildlife Professional: Getting Your Story in Print
- Opportunities for Collaborative Mountain Lion Research in the Interior Western United States

A variety of symposia are scheduled to run concurrently with contributed paper sessions, **Sunday Morning through Wednesday.**

- Advancing Climate Science For Wildlife Management: From Impacts And Uncertainty To Decisions
- Recent Developments in Occupancy Estimation: Models and Applications
- From Road kill to Road Wise - Keeping wildlife alive and moving.
- Solar Energy: Impacts and Management Measures
- Wildlife Conservation Planning, Implementation, and Monitoring at Multiple Scales
- Snatching Progress from Defeat: Case Studies in Conflict Management
- Using multiple data sources to manage harvested populations
- Managing Alpine and Intermountain Wildlife Habitats in a Changing Climate
- Managing Human-Carnivore Conflicts in a Modern World
- Management of Bats: Cooperation, Conservation, and Modern Technology
- Wildlife migration and seasonal stages: Unique aspects in Ecotoxicology
- Urban Wildlife Management: Present and Future
- Ecological Site Descriptions: Decision Support for Habitat Restoration & Management
- Statistical Methods for Modeling Animal Movement Collected Using Telemetry
- Educating the Wildlife Professional
- The Role of Wildlife in Global Emerging and Re-Emerging Diseases
- Implementation of Traditional Ecological Knowledge in Natural Resource Management.

Just over 330 papers and 110 posters on a wide range of subjects will be presented on **Sunday afternoon through Wednesday.** Presentations have been grouped into sessions as follows:

- Conservation and Management of Birds
- Ecology and Habitat Relationships of Birds
- Population Dynamics of Birds
- Conservation and Management of Mammals
- Ecology and Habitat Relationships of Mammals
- Population Dynamics of Mammals
- Reptiles and Amphibians
- Biometrics
- Conservation of Communities, Ecosystems, and Landscapes
- Human Dimensions, Conservation Education, and Conservation Policy
- Wildlife Damage Management
- Wildlife Diseases and Toxicology
- New Technology and Applications

## TWS CONFERENCE REGISTRATION

Registration is now open. You can register on-line at [www.wildlife.org](http://www.wildlife.org) or download the full or daily registration form (PDF) and send it with payment to The Wildlife Society, 5410 Grosvenor Lane, Suite 200, Bethesda MD 20814, Fax 301-530-2471.

All conference participants, including speakers, must register for the conference. Name badges are required to gain admittance to all sessions and events.





## WORKSHOP ANNOUNCEMENT

GOOSE MANAGEMENT  
WORKSHOP

## Got Geese?

The Goose Damage Management Workshop is the second of a series of workshops hosted by the School of Natural Resources, University of Nebraska-Lincoln.

The goal is to provide practical real-world training to individuals and organizations interested in learning about all aspects of goose damage management.

Workshop participants will be certified by the National Wildlife Control Operators Association, whose training is accepted by Indiana and Connecticut Wildlife Departments.

The 2 ½ day workshop will be held in Lincoln, Nebraska, Tuesday-Thursday (June 29-July 1). Further details can be obtained at <http://icwdm.org> or by contacting Stephen Vantassel [svantassel2@unl.edu](mailto:svantassel2@unl.edu) 402-472-8961.



## WORKSHOP ANNOUNCEMENT

SHOOTING IN SENSITIVE  
ENVIRONMENTS

The Shooting in Sensitive Environments Workshop is the third of a series of workshops hosted by the School of Natural Resources, University of Nebraska-Lincoln. The goal is to provide practical real-world training to individuals and organizations interested in learning about the proper employment of shooting for the management of problem wildlife.

Workshop participants will experience intensive shooting instruction from Dr. Anthony DeNicola of White Buffalo, Inc. Workshop will include pre-evaluation, shooting theory and practice, shot decision and acquisition, shooting stances and more. A post-training field test will be administered.

Participants are expected to bring their own long-rifle as field instruction and training will constitute a significant portion of the course. As our other workshops, participant numbers will be limited to 40.

The 2 ½ day workshop will be held in Lincoln, Nebraska, Tuesday-Thursday (August 3-5). Further details will be posted at <http://icwdm.org> or by contacting Stephen Vantassel [svantassel2@unl.edu](mailto:svantassel2@unl.edu) 402-472-8961.

## CONFERENCE ANNOUNCEMENT

## BIRD STRIKE USA



Bird Strike Committee USA/Canada meetings have grown in popularity over the past decade. There was a record 450 people in attendance at the 2008 meeting hosted by Orlando-Sanford International Airport in Florida. Because of the growth in attendance and increased emphasis on training and interaction with other organizations in the aviation industry, BSC-USA signed a Memorandum of Understanding with the American Association of Airport Executives (AAAE) in 2006 to collaborate with meetings held in the USA. [AAAE](http://www.aaae.org) handles registration and meeting logistics, and BSC-USA handles the technical program and training sessions. This partnership has enhanced the quality of meetings and advanced the integration of BSC-USA and wildlife risk mitigation into the mainstream of the aviation industry.

The 2010 USA/Canada meeting will be hosted by Salt Lake City International Airport on 21-24 June (Monday-Thursday). The conference hotel will be the Hilton Salt Lake City Center, located in the entertainment district of the city.

Go to <http://events.aaae.org/sites/100610/index.cfm> for details regarding hotel reservations and conference registration.

**STUDENT TRAVEL GRANTS**

**FOLLOW THE PATH TO SNOWBIRD, UT!**

[www.wildlifesociety.org](http://www.wildlifesociety.org)

Apply for \$\$\$ to give your presentation

## RECENT WILDLIFE DAMAGE MANAGEMENT RESEARCH

This section will highlight current research in our field each quarter. Articles are located by conducting a search of periodical databases which contain possible relevant content. If you have wildlife damage management related article that has been accepted for publication and want to ensure that your peers are aware of its publication, please send a copy of the article to the editor at [joe.n.caudell@aphis.usda.gov](mailto:joe.n.caudell@aphis.usda.gov). Nothing is inferred by an articles exclusion or inclusion in this column. Articles that appear in *Human-Wildlife Interactions* do not appear in this column because the entire journal is available on open-access by contacting the Jack H. Berryman Institute at [www.berrymaninstitute.org](http://www.berrymaninstitute.org). Many of these articles can be found on-line at the APHIS USDA Wildlife Services National Wildlife Research Center web site (<http://www.aphis.usda.gov/ws/nwrc/is/publications.html>).

Arjo, W. M., S. A. Shwiff, and K. Kirkpatrick. 2009. Short-term evaluation of two integrated pest management programs for mountain beaver (*Aplodontia rufa*) control. *Crop protection* 28:703-709.

Campbell, T. A., and D. B. Long. 2009. Feral swine damage and damage management in forested ecosystems. *Forest Ecology and Management* 257:2319-2327.

Campbell, T.A. and D. B. Long. 2009. Strawberry-flavored baits for pharmaceutical delivery to feral swine. *Journal of Wildlife Management* 73:615-619.

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Fagerstone, K. A., L. A. Miller, G. Killian, and C. A. Yoder. 2010. Review of issues concerning the use of reproductive inhibitors, with particular emphasis on resolving human-wildlife conflicts in North America. *Integrative Zoology* 1:15-30.

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Hayes, R., S. Riffell, R. Minnis, and B. Holder. 2009. Survival and habitat use of feral hogs in Mississippi. *Southeastern Naturalist* 8:411-426.

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Jonker, S. A., J. F. Organ, R. M. Muth, R. R. Zwick, and W. F. Siemer. 2009. Stakeholder norms toward beaver management in Massachusetts. *Journal of Wildlife Management* 73:1158-1165.

Kimball, B. A., J. Taylor, K. R. Perry, and C. Capelli. 2009. Deer responses to repellent stimuli. *Journal of Chemical Ecology* 35:1461-1470.

Kretser, H. E., P. D. Curtis, and B. A. Knuth. 2009. Landscape, social, and spatial influences on perceptions of human-black bear interactions in the Adirondack Park, NY. *Human Dimensions of Wildlife* 14:393-406.

Long, D. B., T. A. Campbell, AND G. Massei. 2010. Evaluation of feral swine-specific feeder systems. *Rangelands* 32:8-13.

Martínez-Abraín, A., J. Crespo, J. Jiménez, J. A. Gómez. 2009. Is the historical war against wildlife over in southern Europe? *Animal Conservation* 12:204-208.

Shwiff, S. A., K. Gebhardt, K. N. Kirkpatrick, and S. S. Shwiff. 2010. Potential economic damage from introduction of brown tree snakes, *Boiga irregularis* (Reptilia: Colubridae) to the islands of Hawaii. *Pacific Science* 64:1-10.

Takatsuki, S. 2009. Effects of sika deer on vegetation in Japan: a review. *Biological Conservation* 142:1922-1929.

Treves, A., R. L. Jurewicz, L. Naughton-Treves, and D. S. Wilcove. 2009. The price of tolerance: wolf damage payments after recovery. *Biodiversity and Conservation* 18:4033-4051.

Treves, A., R. B. Wallace, and S. White. 2009. Participatory planning of interventions to mitigate human-wildlife conflicts. *Conservation Biology* 23:1577-1587.

## 13TH WDM CONFERENCE PROCEEDINGS NOW AVAILABLE

Copies of the Thirteenth Wildlife Damage Management Conference are available for \$15.90 (international shipping at additional cost) from: Thirteenth WDM Conference, 108 Fernow Hall, Ithaca, NY 14853. E-mail: [cce-nat-res@cornell.edu](mailto:cce-nat-res@cornell.edu). Phone: (607) 254-6556.

The Thirteenth Wildlife Damage Management Conference

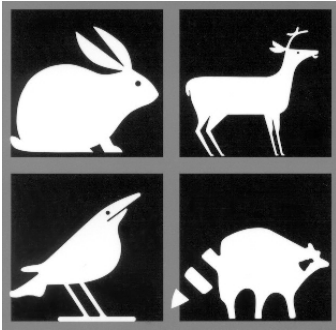


Proceedings

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## The Wildlife Society Wildlife Damage Management Working Group

**Our Mission:**

The mission of the Wildlife Damage Management Working Group is to promote better understanding of the challenges of managing human-wildlife conflicts and to provide a forum for TWS members to advance their skills and knowledge of wildlife damage management practices.

**Our Goals:**

- Enhance understanding within the profession and various stakeholder groups of the need for responsible wildlife damage management activities.
- Facilitate information transfer to wildlife management professionals and various publics.
- Serve as a professional catalyst, clearinghouse, and conduit for wildlife damage management information.
- Assist TWS Council and resource management agencies with wildlife damage management policy formulation, analysis, and decision making.
- Promote development of new technologies and maintenance of existing cost-effective management tools.

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## UPCOMING MEETINGS, CONFERENCES, AND EVENTS

**June 2010**

A Canada Goose Damage Management Workshop will be presented by the University of Nebraska, Lincoln, from June 29 - July 1. Visit the Internet Center for Wildlife Damage Management in the near future for details. <http://icwdm.org/>

Annual TWS Meeting in Snowbird, Utah. The conference this year will be from October 3-7, 2010. Be sure to check back with the TWS website ([www.wildlife.org](http://www.wildlife.org)) for details.

The 2010 USA/Canada meeting will be hosted by Salt Lake City International Airport on 21-24 June (Monday-Thursday). The conference hotel will be the Hilton Salt Lake City Center, located in the entertainment district of the city. Go to <http://events.aaae.org/sites/100610/index.cfm> for details regarding hotel reservations and conference registration.

**August 2010**

A Shooting in Sensitive Environments Workshop will be presented by the University of Nebraska, Lincoln, from August 3 - 5. Visit the Internet Center for Wildlife Damage Management in the near future for details. <http://icwdm.org/>

**October 2010**

Begin making your plans now for the 2010