



**South Dakota Chapter of The Wildlife Society  
2011 Annual Meeting Program  
Cedar Shore Resort & Convention Center  
Oacoma, South Dakota  
Feb 28-March 2, 2011**



**Monday, February 28**

11:00 am -1:00 pm - Registration and Free Lunch (lunch sponsored by the Truax Company)

1:00 pm -1:05 pm - Welcome and Introductions

1:05 pm – 4:25 pm - Special Session: “*Managing Wildlife in a Changing Environment*”

**Session 1 – Managing wildlife in a changing environment (Chad Switzer, Moderator)**

1:00 – 1:05 Opening Remarks

1:05 – 1:35 **George Vandel** –“Managing wildlife in a changing environment”

1:35 – 2:05 **Genevieve Thompson (Audubon Dakota)**—“Wind power development in the Dakotas-perspectives from the American Wind Wildlife Institute.”

2:05 – 2:35 **Dennis Todey (Extension State Climatologist)** –“South Dakota climate trends and implications.”

2:35 – 2:55 **Neil Neimuth (HAPET)**–“Using spatial models to guide wildlife conservation in a changing environment”.

2:55 – 3:15 Break

3:15 – 3:45 **Mark Norton (SD Game, Fish, and Parks)** – “The evolution of CRP in South Dakota.”

3:45 – 4:05 **Kurt Forman (USFWS)** – “Recent developments in the use of drainage tile in the Prairie Pothole Region of South Dakota.”

4:05 – 4:25 **Rick Smith (Lake Poinsett Watershed Project/Rancher)**—“Bucking the trend, sustainable grassland management on the Prairie Coteau.”

4:30 – 6:00 Student Mixer

6:00 pm Social and Fund Raiser Auction

**Tuesday, March 1st**

8:00 am-8:30 am – Committee Meeting

8:30 am-12:00 pm - SDTWS Business Meeting

12:00 pm-1:00 pm - Lunch

**Session 2 – Contributed papers (Silka Kempema, Moderator)**

1:00 – 1:20 **Travis Runia (SD Game, Fish & Parks)** – “Prairie grouse and wind energy: a research project update”.

1:20 – 1:40 **Susan Rupp (South Dakota State University)** – “Seasonal harvest of perennial grasses for biofuel production: social, economic, and environmental considerations.”

1:40 – 2:00 **Sandy Smart (South Dakota State University)** – “Patch-grazing to create structural heterogeneity”.

2:00 – 2:20 **Pete Bauman (The Nature Conservancy)** –“Private lands prescribed fire and grazing –The seven year itch.”

- 2:20 – 2:40 **K.C. Jensen**—(South Dakota State University)—“Upland game surveys and the Christmas Bird Count: Is there another valid source of information available for managers.”
- 2:40 – 3:00 **Break**
- 3:00 – 3:20 **Kevin Robling (Presenter) Troy Grovenburg, Robert Klaver, J. Jenks**- “Movement patterns and survival of white-tailed deer in the heart of the Prairie Pothole Region of Eastern South Dakota”.
- 3:20 – 3:40 **Lily Sweikert (Turner Foundation)**-“Restoring black-footed Ferrets to Bad River Ranches.”
- 3:40 – 4:00 **Mark Rumble (USFS), K. C. Jensen, Katie Herman and Brent Haase**-“Is the absence of Greater Sage-grouse from portions of the Cedar Creek Anticline the result of oil and gas development or poor habitat”.
- 4:00 – 4:20 **Tom Kirshenmann (SD Game, Fish, and Parks)**—” Northern Great Plains DSS Pilot Project”
- 4:20 – 4:40 **Josh Smith (Presenter), J. Jenks**—”Kill rates of primary prey of mountain lions in the Black Hills, South Dakota.”
- 4:40 – 5:00 **K. B. Monteith, K. L. Monteith, J. A. Delger, L. E. Schmitz, and J. A. Jenks**. “Effect of age and region on antler growth and development of white-tailed deer in South Dakota.”

6:00 pm - Social

7:00 pm - Awards Banquet

**Guest Speaker: Carter Johnson** –“Climate change: Should wildlife worry?”

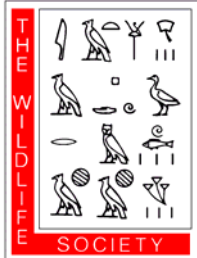
## Wednesday, March 2nd

### Session 3 - Contributed papers (– Ben Bigalke, Moderator)

- 8:00 – 8:20 **Cassandra L. Mehls (Presenter), KC Jenson Michael C. Wimberly, and Mark Rumble** – “Resource selection of ruffed grouse in the Black Hills National Forest of South Dakota and Wyoming”
- 8:20 – 8:40 **Jason Theil (Presenter), C. Dieter, K Bakker**–“Distribution and habitat selection of the western burrowing owl in western South Dakota.”
- 8:40 – 9:00 **John Bender (Presenter), S. Rupp**—“Developing sustainable harvest for cellulose based biofuels: The effect of biomass harvest on upland nesting game birds.”
- 9:20 – 9:40 **Robert Klaver (EROS)**— Spatial analysis of Northern Goshawk territories in the Black Hills, South Dakota
- 9:40 – 10:00 **Troy Grovenburg (South Dakota State University), Christopher Jaques, Robert Klaver, and J. Jenks**—“Ecology of White-tailed Deer Fawns in the Northern Great Plains: Implications of loss of Conservation Reserve Program Grasslands”.
- 10:00 – 10:20 **Break**
- 10:20 – 10:40 **Chris Hansen (Presenter), Joshua Millspaugh, Mark Rumb**--“Ruffed Grouse Selection of Drumming Sites in the Black Hills National Forest:”
- 10:40 – 11:00 **Chad Lehman (SD Game, Fish, and Parks)** –“Hand-held net guns: a technique for capturing Black-backed Woodpeckers”.
- 11:00 – 11:20 **Nancy Drilling ( Rocky Mountain Bird Observatory)**—“Economic impact of bird-watching: a case study from the Black Hills”
- 11:20 – 11:50 **Erica L. Mize (Presenter)**—”Plague assays results from five national parks”.
- 11:50 – Noon Announcements and meeting adjournment

## MEETING SPONSORS:

The Truax Company (Minneapolis, MN), Millborn Seeds Inc. (Brookings, SD), Crop Production Services, and The Greater Dacotah Chapter of SCI (Rapid City, SD).



Founded in 1936 as The Society of Wildlife Specialists, The Wildlife Society (TWS) has evolved into an international nonprofit organization of professional wildlife ecologists and managers. Members number over 9,000 from 40 different countries and include administrators, biologists, conservation officers, educators, managers and researchers. The objectives of TWS are to:

1. Promote sound stewardship of wildlife resources and the environments upon which wildlife and humans depend;
2. Undertake an active role in preventing human-induced environmental degradation;
3. Increase awareness and appreciation of wildlife values; and
4. To seek the highest standards in all activities of the wildlife profession.

The South Dakota Chapter of TWS (SDTWS) was initiated on February 19, 1966 with 56 charter members. SDTWS is affiliated with the Central Mountains and Plains Section, one of 7 subdivisions of TWS.

## Chapter Meetings and Activities

The full membership of SDTWS meets annually in the spring to exchange scientific information through presented papers, debate current issues in wildlife management and land use, and conduct chapter business. The chapter's Executive Board of Directors, consisting of President, Past-President, President-Elect, Secretary-Treasurer, and two standing board members meet at least 4 times each year to discuss issues that do not require full chapter approval. The chapter also communicates with its membership through a newsletter, *The Prairie Voice*, published within 30 days of Executive Board meetings. The newsletter includes board meeting minutes, committee activity reports, a summary of chapter correspondence, updates on professional conferences, and profiles of chapter members.

