



# Dawn Gardner

senior vegetation ecologist  
senior wetland specialist

Dawn has over 10 years of experience in all aspects of project management, historical literature review, data gathering, map review, field surveys, results analysis, data presentation, and report compilation for **BKS ENVIRONMENTAL ASSOCIATES, INC.** She specializes in baseline assessments, reclamation monitoring, wetland delineations, threatened and endangered (T&E) species and habitat surveys, stream inventories, environmental compliance, and wildlife habitat surveys.

## COMPANY

Since incorporation in Wyoming in 1981, **BKS ENVIRONMENTAL ASSOCIATES, INC.** (BKS) has earned a trusted and respected reputation as one of the leading companies offering environmental services for the extraction industries including coal, oil & gas, uranium, and other mining industries. BKS specializes in Soils, Vegetation, Wetland & Wildlife Surveys, as well as Reclamation Design and Monitoring. We provide environmental services, not only in Wyoming, but throughout the Western United States.

## EXPERIENCE

2008- Present

**SENIOR VEGETATION ECOLOGIST AND WETLAND SPECIALIST**– BKS Environmental Associates, Inc., Gillette, WY

- + Project management including client communications, budget tracking, and scheduling
- + Conduct fieldwork and reporting for baseline vegetation and wetland assessments, threatened and endangered plant species and habitat surveys, reclamation monitoring and planning, bond release assessments, wildlife habitat assessments, and small mine permitting

2007

**HYDROLOGIC TECHNICIAN**– US Forest Service, Bear Lodge Ranger District, Sundance, WY

- + Conducted road stream crossing assessments, pre-harvest assessments to determine overall site conditions, and BMP monitoring assessments on post-harvest sale units.
- + Compiled reports and maps to document assessment results



**EXPERIENCE  
(CONT.)**

2004-2007

**GRADUATE RESEARCH ASSISTANT**– South Dakota State University, Wildlife and Fisheries Department, Brookings, SD

- + Reviewed and synthesized available literature, developed spatial and temporal distribution maps, determined voids in biological knowledge base, and outlined future research focus areas for three upland nesting shorebirds in SD
- + Assisted with Greater Sage Grouse project: tracked and located nests of radio marked grouse, collected vegetation data, and captured chicks for radio marking

**EDUCATION**

2007

**MASTER OF SCIENCE** – South Dakota State University, Brookings, SD

- + Wildlife and Fisheries Sciences/Wildlife Emphasis

2003

**BACHELOR OF SCIENCE** – South Dakota State University, Brookings, SD

- + Biology/Botany Emphasis and Environmental Management

**CERTIFICATES**

2017

**MSHA** Experienced Miner 8hr Annual Refresher

2017

**FIRST AID AND CPR** National Safety Council

2014

**OSHA** General Industry 10hr Course

2012

**CONTRACTOR CERTIFIED PERSON** Wyoming State Mine Inspector

2012 - 2015

**THREATENED & ENDANGERED PLANT TRAININGS** Uinta Basin Rare and Listed Plant Training and Webinars and *Penstemon haydenii* habitat identification training

2010

**SAFELAND USA**

2010

**WETLAND DELINEATION** Emphasis in Soils and Hydrology, Wetland Training Institute

2008

**MSHA** New Miner Training

**PUBLICATIONS**

2011

**DETERMINING RECLAMATION POTENTIAL FOR STEEP OIL AND GAS SITES IN THE POWDER RIVER BASIN, WYOMING.** Schladweiler, B.K. and D.M. Gardner. 2011. Presented at the 2011 National Meeting of the American Society of Mining and Reclamation, Bismarck, ND. Reclamation: Science Leading to Success. June 11-16, 2011.

2008

**STATUS OF MARBLED GODWITS IN SOUTH DAKOTA: BASED ON A 2007 LITERATURE SYNTHESIS.** Gardner, D.M., K.F. Higgins, and K.C. Jensen. 2008. SD Academy of Science Vol. 85: 85-110.

2008

**STATUS OF UPLAND SANDPIPERS IN SOUTH DAKOTA: BASED ON A 2007 LITERATURE SYNTHESIS.** Gardner, D.M., K.F. Higgins, and K.C. Jensen. 2008. SD Academy of Science Vol. 85: 111-140.



## PUBLICATIONS

- 2008 **STATUS OF WESTERN WILLETS IN SOUTH DAKOTA: BASED ON A 2007 LITERATURE SYNTHESIS.** Gardner, D.M., K.F. Higgins, and K.C. Jensen. 2008. SD Academy of Science Vol. 85: 141-166.
- 2007 **STATUS OF UPLAND SANDPIPERS, MARBLED GODWITS, AND WESTERN WILLETS IN SOUTH DAKOTA.** Gardner, D.M. 2007. M.S. Thesis, SDSU, Brookings, SD.
- 2006 **AN ANNOTATED BIBLIOGRAPHY ABOUT THE FISH RESOURCES OF SOUTH DAKOTA.** Bouchard, M.A., K.F. Higgins, D.M. Gardner, C.R. Berry, and S.R. Chipps. 2006. SD State University Bulletin 751. SDSU, Brookings, SD.
- 2005 **ABUNDANCE AND DIVERSITY OF SMALL MAMMALS IN EXOTIC AND RESEEDED NATIVE GRASSLANDS AT OAKWOOD LAKES STATE PARK.** Gardner, D.M., K.C. Jensen, K.F. Higgins, N.K. Hansen, and A.A. Huehl. 2005. SD Academy of Science Vol. 84: 109-117.
- 2005 **INFLUENCE OF BIOCONTROL INSECTS ON CANADA THISTLE: SEED PRODUCITON, GERMINABILITY AND VIABILITY.** Larson, G.E., G.A. Wittig, K.F. Higgins, B. Turnipseed, and D.M. Gardner. 2005. Prairie Naturalist Vol. 37: 85-100.

## PRESENTATIONS

- 2016 **INVESTIGATION INTO ESD DATA AS POTENTIAL VEGETATION REFERENCE AREAS IN OIL AND GAS DEVELOPMENT.** B.K. Schladweiler, A.D. Sisel, and D.M. Gardner. 2016. 2016 Rawlins Industry Meeting, Rawlins, WY. October 12, 2016.
- 2013 **COMPARISON OF VEGETATION COVER VS PRECIPITATION ON A RECLAIMED COAL MINE IN NORTHEASTERN WYOMING.** Gardner, D.M., M.J. Kasten, and B.K. Schladweiler. 2013. 2013 Joint Conference 2<sup>nd</sup> Wyoming Reclamation Symposium and 30<sup>th</sup> Annual Meeting of the American Society of Mining and Reclamation, Laramie, WY. June 6, 2013.
- 2007 **STATUS OF UPLAND SANDPIPERS, MARBLED GODWITS, AND WESTERN WILLETS IN SOUTH DAKOTA.** Gardner, D.M., K.F. Higgins, and K.C. Jensen. 2007. SD Academy of Science, Chamberlain, SD. April 4-5, 2007.
- 2006 **STATUS OF UPLAND SANDPIPERS, MARBLED GODWITS, AND WESTERN WILLETS IN SOUTH DAKOTA.** Gardner, D.M., K.F. Higgins, and K.C. Jensen. 2006. 67<sup>th</sup> Midwest Fish and Wildlife Conference, Omaha, NE. December 3-6, 2006.
- 2006 **STATUS OF UPLAND SANDPIPERS, MARBLED GODWITS, AND WESTERN WILLETS IN SOUTH DAKOTA.** Gardner, D.M., K.F. Higgins, and K.C. Jensen. 2006. 1<sup>st</sup> Western Hemisphere Shorebird Science Meeting, Boulder, CO. February 27-March 2, 2006.



PRESENTATIONS  
(CONT.)

2005

**ABUNDANCE AND DIVERSITY OF SMALL MAMMALS IN NATIVE AND EXOTIC GRASSLAND HABITATS AT OAKWOOD LAKES STATE PARK.**

Gardner, D.M., N.K. Hansen, A.A. Huehl, and K.C. Jensen. 2005. SD Academy of Science, Sioux Falls, SD. April 9-10, 2005.