

EXHIBIT 28-1 (WE-1)

Wallace P. Erickson, M.S.

PRESENT POSITION

Biometrician/Project Manager

Western EcoSystems Technology, Inc., 2003 Central Ave, Cheyenne, WY 82001.

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PREVIOUS POSITIONS

1998-2000 Research Assistant, University of Wyoming.

1990-1991 Research Assistant, University of Wyoming.

1990-1991 Field Scientist, University of Alaska, Fairbanks.

1989 Research Assistant, Alumni Office, Winona State University.

EDUCATION

PHD	expected 2003	University of Wyoming	Statistics
M.S.	1992	University of Wyoming	Statistics
B.S.	1989	Winona State University	Statistics/Mathematics

RELEVANT EXPERTISE AND TRAINING

Generalized Linear Models	Logistic Regression
Sampling Theory	Multivariate Statistics
Experimental Design	Randomization/Permutation Tests
Spatial Statistics	Monte Carlo Methods (e.g., Bootstrap)
Non-Parametric Statistics	Geographic Information Systems
Resource/Habitat Selection	Good Laboratory Practices (GLP)
Wind Project Impacts	

SPECIALTY AREAS

Mr. Wallace P. Erickson has been a statistician/project manager with WEST since 1991. He has over 14 years of consulting experience related to the design and analysis of environmental and wildlife studies. His primary research interests include habitat selection methodology with applications to GIS, and study designs and analysis for detecting impacts from environmental perturbations. He has been lead statistician and WEST project manager for baseline studies, environmental permitting, and/or operational monitoring/research at over 20 wind energy projects in seven states (California, Minnesota, Montana, Oregon, Washington, West Virginia, Wyoming). He is an author/co-author on over 35 professional journal articles, book chapters or peer reviewed proceedings papers, and is co-author of the 2nd edition of the book "Resource Selection by Animals". He has presented over 20 papers/posters at national/regional meetings.

His duties with WEST Inc. involve using current state-of-the-art statistical principles in designing ecological studies and analyzing subsequent data. He has had extensive experience with most statistical computer packages, including SAS, SPLUS, SYSTAT, and SPSS, and in most relational database applications (e.g., ACCESS, DBASE). He also has experience with Geographical Information Systems, including ARCVIEW. He has taught workshops on the following topics: 1) Statistics for Spatially Correlated GIS Data, 2) Resource Selection, 3) Computer Intensive Statistics, and 4) Basic Statistics for Biologists and Field Ecologists. He is currently working on a Ph.D. in Statistics at the University of Wyoming. The topic of his dissertation is on methods for estimating wildlife fatality rates in field study situations.

SCIENTIFIC ORGANIZATION MEMBERSHIPS

American Statistical Association

Biometrics Society

The Wildlife Society

The National Audubon Society

PROFESSIONAL PUBLICATIONS/PROCEEDINGS

- Anderson, R. N. Neuman, J. Tom, W.P. Erickson, M.D. Strickland, M. Bourassa, K.J. Bay, and K.J. Sernka. 2004. Avian monitoring and risk assessment at the Tehachapi Pass Wind Resource Area. Period of Performance: October 2, 1996 – May 27, 1998. NREL/SR-500-36416.
- Johnson, G. D., M. D. Strickland, W. P. Erickson, and D. P. Young, Jr. 2004. Use of data to develop mitigation measures for wind power development impacts to birds. In M. Ferrer, G. Janss and M. de Lucas, editors. Birds and windpower. Quercus Press, Spain. In Press.
- Johnson, G.D., M.K. Perlik, W.P. Erickson, and M.D. Strickland. 2004. Bat activity, composition and collision mortality at a large wind plant in Minnesota. *Wildlife Society Bulletin* 32: in Press.
- Erickson, W.P., R. Nielson, R. Skinner, B. Skinner and J. Johnson. 2004. Applications of resource selection modeling using unclassified Landsat Thematic Mapper imagery In Resource Selection Technique and Applications. Huzurbazar, editor. Omnipress, Madison Wisconsin.
- Howlin, S., W.P. Erickson, and R. Nielson. 2004. Techniques for assessing predictive ability of resource selection functions. In Resource Selection Technique and Applications. Huzurbazar, editor. Omnipress, Madison Wisconsin.
- McDonald, L.L., J.R. Alldredge, M. Boyce and W.P. Erickson. 2004. Measuring availability and vertebrate use of terrestrial habitats and foods. In Wildlife Techniques Manual. In Press.
- Manly, B.F.J., L.L. McDonald, D. Thomas, T. McDonald and W.P. Erickson. 2002. Resource Selection by Animals, Statistical Design and Analysis of Field Studies. Kluwer Academic Publishers.
- Erickson, W.P. 2002. Bird mortality from anthropogenic causes. 2003. In Proceedings of the Wind Power 2002 Conference, Portland Oregon.
- Erickson, W.P., G.D. Johnson, and D.P. Young. 2004. Summary of anthropogenic causes of bird mortality. Proceedings of the 2002 International Partner's in Flight Conference, Monterrey, California. In Press.
- Johnson, G.D., M.K. Perlik, W.P. Erickson, M.D. Strickland, D.A. Shepherd, and P. Sutherland, Jr. 2003. Bat interactions with wind turbines at the Buffalo Ridge, Minnesota Wind Resource Area: An assessment of bat activity, species composition, and collision mortality. Electric Power Research Institute, Palo Alto, California, and Xcel Energy, Minneapolis, Minnesota. EPRI report # 1009178.
- Johnson, G.D., W.P. Erickson, M.D. Strickland, M.F. Shepherd, D.A. Shepherd, and S.A. Sarappo. 2002. Collision mortality of local and migrant birds at a large-scale wind power development on Buffalo Ridge, Minnesota. *Wildlife Society Bulletin* 30:879-887.
- Johnson, G.D., W.P. Erickson, M.D. Strickland, M.F. Shepherd, D.A. Shepherd, and S.A. Sarappo. 2003. Mortality of bats at a large-scale wind power development at Buffalo Ridge, Minnesota. *The American Midland Naturalist* 150:332-342.
- Young, D., W. Erickson, M. Dale Strickland, Rhett Good, and S. Howlin. 2002. Comparison of avian effects from UV light reflective paint applied to wind turbines, Foote Creek Rim Wind Plant, Carbon County, Wyoming. National Renewable Energy Laboratory. Golden, Colorado 80401-3393
- Strickland, M.D., W.P. Erickson, G. Johnson, D. Young, and R. Good. 2001. Risk reduction avian studies at the Foote Creek Rim Wind Plant in Wyoming. Proceedings of the National Avian-Wind Power Planning Meeting IV. National Wind Coordinating Committee, c/o RESOLVE, Inc. Washington, D.C.
- Strickland, M.D., G. Johnson, W.P. Erickson and K. Kronner. 2001. Avian studies at wind plants located at Buffalo Ridge Minnesota and Vansycle Ridge Oregon. Proceedings of the National Avian-Wind Power Planning Meeting IV. National Wind Coordinating Committee, c/o RESOLVE, Inc. Washington, D.C.

- Erickson, W.P., T.L. McDonald, K. Gerow, J. Kern and .S. Howlin. 2001. Statistical issues in resource selection studies with radio-marked animals. Pages 209-242 in J. J. Millsbaugh and J. M. Marzluff, editors. *Radio Tracking and Animal Populations*. Academic Press, San Diego, California, USA.
- Erickson, W.P., G. D. Johnson, M. D. Strickland, D. P. Young, Jr., K.J. Sernka and R.E. Good. 2001. Avian collisions with wind turbines: A summary of existing studies and comparisons to other sources of avian collision mortality in the United States. National Wind Coordinating Committee Publication. <http://www.nationalwind.org/pubs/default.htm>
- Peterson, C. H., L. L. McDonald, R. H. Green, and W. P. Erickson. 2001. Sampling design begets conclusions: the statistical basis for detection of injury to and recovery of shoreline communities after the Exxon Valdez oilspill. *Mar Ecol Prog Ser* 210:255-283.
- Hupp, J. W., A.B. Zacheis, R.M. Anthony, D.G. Robertson, W.P. Erickson and Kelly C. Palacios. 2001. Snow cover and snow goose *Anser caerulescens caerulescens* distribution during spring migration. *Wildlife Biology*, 7(2): 65-76.
- Arnett, E.B., R.J. Anderson, C. Sokal, F. Isaacs, R.G. Anthony and W.P. Erickson. 2001. Relationships between nesting bald eagles and selective logging in south-central Oregon. *Wildlife Society Bulletin* 29:795-803.

PROFESSIONAL PUBLICATIONS/PROCEEDINGS (continued)

- Irons, D.B., S.J. Kendall, W.P. Erickson, L.L. McDonald, and B.K. Lance. 2000. Nine years after the *Exxon Valdez* oil spill: effects on marine bird populations in Prince William Sound, Alaska. *The Condor*. 102: 723-737.
- Erickson, W.P., M.D. Strickland, G.D. Johnson, and J.W. Kern. 2000. Examples of statistical methods to assess risk of impacts to birds from windplants. Proceedings of the National Avian-Wind Power Planning Meeting III. National Wind Coordinating Committee, c/o RESOLVE, Inc., Washington.
- McDonald, T. L., W. P. Erickson, and L.L. McDonald. 2000. BACI analysis for count data. *JABES*. 5:262-279.
- Strickland, M.D., D.P. Young , Jr., G.D. Johnson, W.P. Erickson, and C.E. Derby. 2000. Wildlife monitoring studies for the SeaWest Wind power Plant, Carbon County, Wyoming. Proceedings of the National Avian Wind Power Planning Meeting III. National Wind Coordinating Committee, c/o RESOLVE, Inc., Washington, D.C.
- Strickland, M.D., G.D. Johnson, W.P. Erickson, S. Sarappo, and R. Halet. 2000. Avian use, flight behavior and mortality on the Buffalo Ridge, Minnesota Wind Resource Area. Proceedings of the National Avian Wind Power Planning Meeting III. National Wind Coordinating Committee, c/o RESOLVE, Inc., Washington, D.C.
- Ward, D.H., R. A. Stehn, W. P. Erickson, and D. V. Derksen. 1999. Response of fall-staging brant and Canada geese to aircraft overflights in Alaska. *J. Wildl. Manag.* 63:382-391.
- Erickson W.P., G. D. Johnson, M. D. Strickland, and K. Kronner. 1999. Avian baseline study at the proposed CARES Windplant, Goldendale WA. NREL/SR-500-259.
- Erickson, W.P., T. Nick and D.H. Ward. 1998. Investigating flight response of brant on the Izembek NWR, Alaska, using logistic regression techniques. in "Statistical Case Studies: A Collaboration Between Academe and Industry". eds, R. Peck, L.D. Haugh, and A. Goodman ASA/SIAM, Philadelphia, PA pp. 155-171.
- Erickson, W.P. T. McDonald, and R. Skinner. 1998. Habitat selection using GIS data: A case study. *JABES*. 3: 296-310.
- Strickland M.D., Johnson, G.D., W. Erickson, S. Sarappo and R. Halet. 1997. Assessing impacts to birds from the Buffalo Ridge, Minnesota windplant development. Proceedings from the American Wind Energy Association Conference, June 15-18, in Austin TX. Pp. 281-290.
- Johnson, G., D. Young, W. Erickson, and D. Strickland. 1996. Assessing river habitat selection by waterfowl wintering in the South Platte River, Colorado. *Wetlands*. 16: 542-547.
- Highsmith, R.C., T.L. Rucker, M.S. Stekoll, S.M. Saupe, M.R. Lindeberg, R. Jenne and W.P. Erickson. 1996. Impact of the *Exxon Valdez* oil spill on intertidal biota. In Rice, S. D., R. B. Spies, D. A. Wolfe, and B. A. Wright (eds). *Exxon Valdez* Oil Spill Symposium Proceedings. American Fisheries Society Symposium Number 18.
- Stekoll, M.S., L. Deysher, R.C. Highsmith, S.M. Saupe, Guo, W.P. Erickson, L.L. McDonald and M.D.

- Strickland. 1996. Coastal habitat injury assessment: intertidal communities and the *Exxon Valdez* oil spill. In Rice, S. D., R. B. Spies, D. A. Wolfe, and B. A. Wright (eds). *Exxon Valdez Oil Spill Symposium Proceedings*. American Fisheries Society Symposium Number 18: 177-192.
- Erickson, W. P., and L.L. McDonald. 1995. Tests for bioequivalence of control media and test media in studies of toxicity. *Journal of the Society of Environmental Toxicology and Chemistry*. 14:1247-1256.
- Barber, W.E., L.L. McDonald, W.P. Erickson, and M. Vallarino. 1995. Effect of the *Exxon Valdez Oil Spill* on intertidal fish: a field study. *Trans. Amer. Fish. Soc.* 124: 461-476.
- Marr, J.C.A., H.L. Bergman, M. Parker, J. Lipton, D. Cacula, W. Erickson, and G.R. Phillips. 1995. Relative sensitivity of brown and rainbow trout to pulsed exposures of an acutely lethal mixture of metals typical of the Clark Fork River, Montana. *Can. J. Fish. Aquat. Sci.* 52: 2005-2015.
- McDonald, L. L. M.D. Strickland and W. P. Erickson. 1995. Coastal Habitat Injury Assessment: Design, Analysis and Statistical Inference. In *Exxon Valdez Oil Spill: Fate and Effects in Alaskan Waters*. P. G. Wells, J. N. Butler, and J.S. Hughes, eds. ASTM STP 1219, Atlanta, GA.
- McDonald, L.L. and W.P. Erickson. 1994. Testing for bioequivalence in field studies: Has a disturbed site been adequately reclaimed. *Proceedings of the Statistics in Ecology and Environmental Monitoring Conference*. pp. 183-197.
- McDonald, L. L., D. J. Reed, and W. P. Erickson. 1991. Analysis procedures for habitat and food selection studies. In *Proceedings 4th North American Caribou Workshop*. [eds. C. E. Butler and S. P. Mahoney] Newfoundland and Labrador Wildlife Division, St. John's, Newfoundland. pp. 429-474.

PAPERS PRESENTED AT REGIONAL AND NATIONAL MEETINGS

- Erickson, W.P. Bat Fatality Monitoring Methods, Fall 2004. Mountaineer and Meyersdale. Invited presentation at the 2004 NWCC Research Meeting, November, Washington D.C.
- Erickson, W.P. Preliminary Fatality Results:, Meyersdale Wind Energy Facility. Fall 2004. Invited presentation at the 2004 NWCC Research Meeting, November, Washington D.C.
- Erickson, W.P. 2004. Direct and Indirect Impacts of Wind Projects on Wildlife. Invited presentation at the Michigan Audubon Societies Annual Meeting. East Lansing Michigan, March 5th and 6th, 2004.
- Erickson, W.P. 2004. Update of Bird and Bat Mortality and Collision Risk at Wind Projects, the Latest Data and Science. AWEA 2004 Conference, Chicago, Illinois.
- Erickson, W.P. 2004. Perspectives Regarding Avian Mortality, What Are the Messages?Invited Presentation to Environment Canada's National Wind Power and Environmental Assessment (EA) Workshop on May 11-12, 2004. Montoc, New Brunswick.
- Erickson, W.P. Update on Bird and Bat Mortality and Risk at wind projects. Paper at the 2003 Biological Significance Workshop, NWCC Wildlife Working Group, Washington, Washington, D.C. November 2003.
- Erickson, W.P. Bird mortality at wind projects. Invited paper at the 2002 American Bird Conservancy Policy Council Meeting, Washington, D.C. December 2002.
- Erickson, W.P. Bird Mortality at Wind Projects and from Other Anthropogenic Sources. Invited paper at the 2002 Minnesota Ornithological Union Conference, Minneapolis, MN. December 2002.
- Erickson, W.P. Avian collisions with wind turbines: a summary of existing data and a comparison to other sources of bird mortality. Contributed paper at the Windpower 2002 Conference, Portland, OR, June 2002.
- Erickson, W.P. Summary of anthropogenic causes of avian mortality. Invited paper at the 2002 International Partner's In Flight Meeting, March, 2002. Monterrey, California.
- Erickson, W.P. Avian collisions with wind turbines. Invited paper at the International Conference on Utility Structures, March, 2002. Fort Collins, Colorado.
- Erickson, W.P. Avian mortality from anthropogenic causes. Invited paper at the Washington State Audubon Meeting, September 2001, Walla Walla, WA.
- Erickson, W.P. Statistical methods for estimating wildlife fatality rates. 2001 TWS Meeting, Reno, NV.
- Erickson, W.P. Modeling moose habitat. January 2000. Workshop organizer and presenter for state and federal agency personnel in Alaska.
- Erickson, W.P. 1999. Statistical issues in resource selection studies. Invited paper presented at the symposium "Modeling Species Occurrences", Snowbird, UT.
- Erickson, W.P. 1999. Statistical issues in resource selection studies with radio-marked animals. Invited

- paper in the radio-telemetry session at the Wildlife Society Meeting, Dallas TX.
- Erickson, W.P., October 1999. Use Of GIS in monitoring impacts of windplants on wildlife. Invited paper presented at the EPPL7 User's Conference, St. Paul, MN.
- Erickson, W.P., and M.D. Strickland. 1997. Assessing Impacts to Birds from the Buffalo Ridge, Minnesota Windplant Development. Invited paper presented at the AWEA Meeting, Austin, TX.
- Erickson, W.P., M.D. Strickland, G. Johnson, and J. Kern. 1998. Examples of Risk Assessment Methods for Studying Impacts of Birds from Windplants. Invited paper presented at the NWCC Meeting, San Diego, CA.
- Erickson, W.P. and M.D. Strickland. 1997. Assessing impacts to birds from the Buffalo Ridge, Minnesota Windplant Development. Invited paper presented at the AWEA Meeting, Austin, TX.
- Erickson, W.P. 1997. Resource selection techniques with GIS data. Invited talk presented at the BLM/DU Satellite Imagery Conference, Anchorage, AK.
- Erickson, W.P. 1997. Design and analysis issues when assessing environmental impacts to wildlife populations. Invited talk at Winona State University, Winona MN.
- Erickson, W.P. 1997. Statistical considerations in observational field studies: What can you infer? Invited paper at the Northwest Chapter of the Wildlife Society Meeting, Sun River, Oregon.
- Erickson, W.P. and T. McDonald. 1996. Resource selection techniques using GIS. Poster presented at the National Wildlife Society Meeting in Cincinnati, OH.
- Erickson, W.P. and T. Nick. 1996. Investigating flight response of brant on the Izembek NWR, Alaska, using logistic regression techniques. Poster presented at the ASA meeting in Chicago.
- Erickson, W.P., November 1995. Habitat selection by moose on the Innoko National Wildlife Refuge in West-Central Alaska. Invited paper presented at the EPPL7 User's Conference, St. Paul, MN.
- Erickson, W.P., M.D. Strickland and L. Sharp. September 1995. Experimental design for the study of wind power effects on wildlife. Poster presented at the National Wildlife Society Meeting in Portland, Oregon.
- Erickson, W.P. and L.L. McDonald. July 1995. Practical aspects of adaptive sampling. Invited paper presented at the Western North American Region of the Biometrics Society, Stanford, CA.
- McDonald, L.L. and W.P. Erickson. November 1994. A shift in paradigm for statistical analysis in risk assessment. Paper presented at the Society of Environmental Toxicology and Chemistry, Denver, CO.
- Erickson, W. P. November 1994. An approximate solution to the Behran-Fisher's problem with application to NRDA and toxicity testing. Paper presented at the Society of Environmental Toxicology and Chemistry, Denver, CO.
- Erickson, W. P. and L. L. McDonald. November 1992. Formulations of hypotheses of assumed effect in bioassay. Paper presented at the Society of Environmental Toxicology and Chemistry, Cincinnati, OH.

SELECTED TECHNICAL REPORTS

- Erickson, W.P., J. Jeffrey, K. Bay and K. Kronner. 2003 Wildlife Monitoring for the Stateline Wind Project. Results for the Period July 2001 – December 2002. Technical report prepared for the Stateline Technical Advisory Committee and the Oregon Office of Energy.
- Johnson, G.D., W.P. Erickson, M.D. Strickland, K.J. Sernka, K. Kronner, and B. Gritske. 2003. Analysis of potential avian/wind plant interactions in Klickitat County, Washington: Supplement to the Klickitat County Energy Overlay Programmatic Environmental Impact Statement. In review draft. Klickitat County Resource Development Department, Goldendale, WA.
- Johnson, G.D., W.P. Erickson, and J. White. 2003. Avian and bat mortality at the Klondike, Oregon Phase I Wind Plant. Technical report prepared for Northwestern Wind Power by WEST, Inc.
- Johnson, G.D., M.K. Perlik, W.P. Erickson, M.D. Strickland, D.A. Shepherd, and P. Sutherland, Jr. 2003b. Bat interactions with wind turbines at the Buffalo Ridge, Minnesota Wind Resource Area: An assessment of bat activity, species composition, and collision mortality. Electric Power Research Institute, Palo Alto, California and Xcel Energy, Minneapolis, Minnesota. In Press.
- Erickson, W.P., G. D. Johnson, D. P. Young, Jr., M. D. Strickland, R.E. Good, M. Bourassa, K. Bay. 2002. Synthesis and Comparison of Baseline Avian and Bat Use, Raptor Nesting and Mortality Information from Proposed and Existing Wind Developments. Technical Report prepared for Bonneville Power Administration, Portland, Oregon.

- Erickson, W.P. 2002. Statistical issues and procedures to consider in resource selection studies involving GIS and in wildlife mortality estimation. Prepared for Ducks Unlimited Inc., Rancho Cordova, CA 95670-6116, Project No. AK-0037-001-001.
- WEST, Inc. and Northwest Wildlife Consultants, Inc. 2002. Ecological baseline study for the Zintel Canyon Wind Project. Technical report prepared for Energy Northwest.
- WEST, Inc. and Northwest Wildlife Consultants, Inc. 2002. Final Report, Avian Baseline Study for the Maiden Wind Power Project, Yakima and Benton Counties, Washington. April-October 2001. Technical report prepared by Western EcoSystems Technology, Inc., Cheyenne, Wyoming.
- WEST, Inc. and Northwest Wildlife Consultants, Inc. 2001 and 2002. Baseline ecological studies for the proposed Klondike wind project, Sherman County, Oregon.
- WEST, Inc. and Northwest Wildlife Consultants, Inc. 2001. Wildlife baseline study for the Nine Canyon Wind Project. Technical report prepared for Energy Northwest.
- Erickson W.P., G. D. Johnson, M. D. Strickland, and K. Kronner. 2000. Avian and bat mortality associated with the Vansycle wind project, Umatilla County, Oregon, 1999 study year. Technical report prepared for Umatilla County Department of Resource Services and Development, Pendleton, Oregon.
- Erickson, W.P. and E. Callahan. 1998. Sample size, power and design for study to re-visit PFC sites. Technical report submitted to Dynamac Corporation, 2275 Research Blvd., Rockville Maryland.
- Johnson, G.D., D. Young, W.P. Erickson, C. Derby and M.D. Strickland. 2000. 1995-1999 Wildlife monitoring studies, SeaWest Windpower Plant, Carbon County, Wyoming. Technical Report submitted to SeaWest Energy Corporation and Bureau of Land Management.
- Skinner, R., W. Erickson, G. Minick, and L.L. McDonald. September 1997. Technical Report. Description and location of habitat using resource selection techniques and other statistical tools. Innoko NWR: U.S. Fish and Wildlife Service Technical Report.
- Skinner, R. W. Erickson, and J. Minnick. September 1997. Estimating moose populations using line transect sampling. Innoko NWR: U.S. Fish and Wildlife Service Technical Report.
- Johnson, G.D., W.P. Erickson, M.D. Strickland, M. Shepherd, and D. Shephard. 2000. Avian Monitoring Studies Buffalo Ridge, Minnesota Wind Resource Area. Technical Report Submitted to Northern States Power Company, Minneapolis, Minnesota.
- Erickson, W.P., L. Sharp, J. Brauner, and M.D. Strickland. 1997. Avian Baseline Studies for the Vansycle Ridge Wind Project. Technical Report Submitted to ESI Corporation.
- Erickson, K.M., W.P. Erickson, and L.L. McDonald. 1994. Review of methods for estimating population abundance of migratory populations. Technical Report submitted to Dave Ward, NBS, Anchorage, AK.
- Erickson, W. P. and L.L. McDonald. December 1993. Response of brant and other geese to aircraft disturbances at Izembek lagoon, AK - reanalysis of experimental overflight data. Technical Report to Dave Ward, U.S. Fish and Wildl. Serv., Anchorage, AK.
- Erickson, W. P., L. L. McDonald, and A. H. Wheeler. December 1992. Analysis of data on raptor species from the Black Butte Coal Company study report 1986 and recent unpublished studies (1986-1990). Technical Report for Kiewit Mining Group Inc. and Black Butte Coal Company.
- Highsmith, R.C., M.S. Stekoll, W.E. Barber, L. Deysher, L. McDonald, D. Strickland and W.P. Erickson. 1994. Comprehensive assessment of coastal habitat, *Exxon Valdez* oil spill Coastal Habitat Study No. A. Final Report. School of Fisheries and Ocean Sciences, University of Alaska, Fairbanks.
- McDonald, L.L., W.P. Erickson, and J.H. Kern. 1994. Statistical results concerning subspecies limits and geographic patterns of morphological variation of California Gnatcatchers (*Poliophtila californica*). Technical report submitted to the U.S. Fish and Wildlife Service as part of the public record in decisions under the ESA.
- McDonald, L.L., D.L. Thomas, W.P. Erickson, H.O. Krueger, B.H. Stanley, and J.D. Wetherington. 1995. Use of experimental designs in terrestrial field studies. Wild-West Technical Report 95-1, West, Inc., 2003 Central Avenue, Cheyenne, WY 82001 and Wildlife International, Ltd., 8598 Commerce Drive, Easton MD 21601.

SELECTED WORK EXPERIENCE

2003-Present National Park Service, Alaska. Assist in development resource selection models for

songbirds and moose for National Park in Alaska.

2002-Present DEA/SeaWest. Provide statistical support on risk assessment at a wind turbine facility in Washington.

2003 Windtricity, Goldendale Washington. Provide statistical support on risk assessment at wind turbine facilities in Oregon and Washington.

2002-Present Klickitat County, Washington. Provide statistical and biological support for baseline study and Programmatic EIS on a proposed energy overlay zone.

2002 Bonneville Power Administration. Provide statistical report summarizing the latest baseline and mortality data collected at existing and proposed wind projects.

2001-Present Eurus Corporation. Provide statistical support on risk assessment at a proposed wind turbine facility in Oregon.

2002 URS Corporation. Provide statistical and biological support for a supplemental EIR for a Solano County, CA wind facility.

2002-Present RES. Provide statistical support on risk assessment at wind turbine facilities in Oregon and Washington.

2002-Present Enxco. Provide statistical support on risk assessment at wind turbine facilities in Oregon and Washington.

2001-Present Xcel Energy. Provide statistical support for bat monitoring and research study at the Buffalo Ridge, Wind plant, MN.

2002 Aventis. Provide statistical support for study of the effects of a herbicide on non-target plant species for use in reregistration of the compound by EPA.

2002-Present Northwestern Wind Power. Provide statistical support on risk assessment at wind turbine facilities in Oregon and Washington.

2002-Present CH2MHILL/Cielo. Provide statistical support on risk assessment at a large proposed wind turbine facility in Washington.

2002-Present CH2MHILL/Zilkha Renewable. Provide statistical support on risk assessment at a large proposed wind turbine facility in Washington.

2000-2001 National Wind Coordinating Committee. Develop white paper on putting avian mortality at windplants in perspective with mortality from other human-made structures.

2000-Present Energy Northwest, Inc. Provide statistical support on risk assessment at wind projects in Washington.

2000-2001 SeaWest Inc. Provide statistical support on risk assessment at a proposed windplant near Condon, OR.

1999-2001 Versar Inc. Provide statistical support on a human health risk assessment near the Lowery Air Force Base in Denver, CO.

1999-Present FPL Energy Inc. Provide statistical support on risk assessment at a large proposed wind turbine facility in Oregon.

2000-Present Chugach National Forest. Develop predictive models for 4 moose forage species on the Kenai Peninsula and the Copper River Delta.

1999-2001 U.S. Forest Service. Provide statistical support on a study of marten habitat selection.

1999 EBA, Inc. Provide statistical support for study of the effects of a herbicide on non-target plant species for use in reregistration of the compound by EPA.

1999-Present Chugach National Forest. Develop habitat selection models for brown bears on the Kenai Peninsula, Alaska to evaluate effects of human development on preference of habitats.

SELECTED WORK EXPERIENCE (continued)

1997-1999 U.S. Navy. Evaluate study design, power of statistical tests and conduct statistical analyses for assessing impacts of proposed helicopter operations on California gnatcatchers and Least Bell's vireos at Mirmar and Camp Pendelton in southern California.

1997- Present National Renewable Energy Laboratory. Develop study designs and analyze subsequent data for assessing differential mortality between wind turbine types at the San Geronio WRA and the Tehachapi Pass WRA in California.

1996-Present SeaWest Energy Corporation. Design and analysis of comprehensive studies investigating the effects of wind power development on wildlife species on sites in

Wyoming.

1996-98 FMC Corporation, Philadelphia, PA. Developed comprehensive studies to monitor the impacts of a pesticide on bird populations in Canada, and analyze subsequent data.

1995-2001 Weyerhaeuser Forest Products. Design and analysis of studies investigating the effects of salvage logging and other logging practices on bird populations and amphibian populations in the Pacific Northwest.

1995-Present USGS-BRD, Anchorage, AK. Design and analysis responsibilities for various studies involving Pacific brant, at both their staging area at Izembek Lagoon, AK, and their wintering areas in Mexico.

1997-99 National Renewable Energy Laboratory. Develop study designs and analyze subsequent data for assessing mortality rates on the proposed CARES wind development near Goldendale Washington.

1996-2000 Northern States Power Company. Develop comprehensive monitoring plan, conduct field work, and analyze and report subsequent results for studying the effects of the Buffalo Ridge windpower site in southwestern Minnesota.

1992-2002 Innoko Wildlife Refuge, AK: Statistical consulting on moose survey and habitat mapping. Consulted on the design and analysis of four aerial surveys (March 1994, 1996, 1998, 2000) of moose using line transect methodology on the Innoko Wildlife Refuge, McGrath, Alaska. Develop resource selection functions and habitat maps from vegetation data collected from satellite imagery and GIS.

1997-99 Biological Research Division, USGS, Anchorage, AK. Assist biologist in developing habitat selection models for snow geese in Alaska.

1997-98 American Cynamid. Confidential risk assessment study.

1998 Dynamac Corporation, Rockville, MD. Design sampling protocol for re-visiting BLM wetland sites over entire western US. Investigated power and sample size issues.

1997 USFWS, Anchorage, AK. Analyze contaminant data collected from organs of captive and wild spectacled eiders.

1996-97 National Biological Service, Ft. Collins, CO. Assist biologist in analysis of National Hunting and Fishing Survey.

1995-97 Union Pacific Resources. Design monitoring study and analyze subsequent data for reclamation of a pipeline in Southwest Wyoming and Utah.

1995-97 National Science Foundation. Collaborate with an academic statistician (Dr. Todd Nick, University of Mississippi Medical Center) on logistic regression problem. Paper presented at the 1996 American Statistical Association meeting in Chicago.

1994-96 Kenetech/U.S. Windpower. Design and analysis of comprehensive studies investigating the effects of wind power development on wildlife species on sites in Wyoming, Washington, and Oregon.

1994-96 Chevron Land and Development Company. Review of data and analyses used to determine subspecies differences on a potential listed bird species.

1989-95 State of Alaska/U.S. Forest Service: Design and Analysis of the Coastal Habitat Injury Assessment Project for litigation concerning the *Exxon Valdez* oil spill in Alaska. Developed and administered standard operating procedures for field work, lab work, and data analysis.

1994 U.S. Fish and Wildlife Service, Anchorage Office. Develop procedure for estimating numbers of brant passing through an area on their migratory routes.

1992-94 Camp Dresser and McKee: Design and Analysis of Comprehensive Study of South Platte River near Metro Wastewater Reclamation District. Developed and administered standard operating procedures for fish and waterfowl surveys to study the habitat use and dissolved oxygen relationships for mitigation of alterations to the river.

1992-94 State of Montana: Design and Analysis for NRDA project along Mining Impacted River in Montana. Developed and administered standard operating procedures for field work, lab work, data analysis and quality control/quality assurance.