

ANDREA H. CHATFIELD, *Wildlife Biologist / Project Manager***EDUCATION**

M.S.	University of Minnesota, St. Paul, Minnesota	2005	<i>Wildlife Conservation</i>
B.S.	University of Michigan, Ann Arbor, Michigan	1996	<i>Natural Resources & Environment</i>

PROFESSIONAL EXPERIENCE

2006-Present	<i>Wildlife Biologist/Project Manager, Western EcoSystems, Inc., Arcata, California</i>		
2005-2006	<i>Wildlife Ecologist, Williams Wildland Consulting, Inc., Marysville, California</i>		
1999-2005	<i>Research Assistant/Crew Leader, Spotted Owl Demography Study, University of Minnesota, St. Paul, Minnesota</i>		
2001-2002	<i>Research Volunteer, Wildlife Conservation Society, Wara Sara, Papua New Guinea</i>		
1999-2001	<i>Restoration Technician, Circuit Rider Productions, Inc., Windsor, California</i>		
1999	<i>Biological Science Technician, USFS, Lake Tahoe Basin and Sierra National Forest, California</i>		
1997-1998	<i>Task Force Coordinator and Research Assistant, University of Michigan, Flint, Michigan</i>		
1997	<i>Field Research Assistant, Sacramento State University, Sacramento, California</i>		
1997	<i>Field Research Intern, USGS, Hakalau Forest NWR, Hawaii</i>		
1996, 1998	<i>Field Research Assistant, University of Vermont, Hopland, California</i>		
1995	<i>Botany/Forestry Assistant, USFS, San Juan National Forest, Colorado</i>		

TRAINING/CERTIFICATION

2010	Noninvasive Acoustic Monitoring of Bats, Field Techniques Workshop, Maricopa, California
2009	Anabat Techniques Training Course, Titley Scientific, Orange County, California
2007	Desert Tortoise Survey Techniques Workshop, Desert Tortoise Council, Ridgecrest, California

PROFESSIONAL SUMMARY

Andrea Chatfield has over fifteen years of experience working in the field of wildlife biology. Andrea has been involved in a variety of natural resource studies throughout the U.S., both in academia and in the private sector. Andrea joined WEST in 2006 as a field biologist and has since worked primarily on wildlife and environmental studies related to utility-scale wind-energy development throughout the U.S.

Wind-Energy Studies: Andrea is the Project Manager for a number of pre- and post-construction wildlife monitoring projects at wind-energy facilities primarily throughout California and other western states. As a project manager, Andrea has supervised wildlife and natural resource studies throughout all phases of wind project development from early site assessment to post-construction monitoring and mitigation. Andrea has experience with all aspects of project management including budget preparation, hiring and training field survey crews, coordinating with clients, designing wildlife studies to meet the needs of clients and resource agencies, study implementation, and report preparation. Studies have included initial site evaluation, pre-construction avian use surveys, threatened, endangered, and sensitive species surveys, ground and aerial raptor nest surveys, breeding bird surveys, acoustic bat surveys, land cover/habitat mapping, and post-construction avian and bat fatality monitoring.

Wildlife Studies: Andrea has extensive field experience conducting research and monitoring for a variety of wildlife species in a variety of habitats throughout the U.S. and overseas. She spent seven years as crew leader on a University of Minnesota long-term spotted owl demography study in the central Sierra Nevada of California. Andrea's graduate research involved creating a landscape-scale cover-class map and testing predictive models of spotted owl habitat use at multiple spatial scales using a GIS interface. Additional field experience includes the design and/or implementation of surveys for northern goshawk, great gray owl, burrowing owl, willow flycatcher, Hawaiian honeycreepers and other passerines, pine marten, pacific fisher, western fence lizard, and Cassowary. She has experience with a variety of wildlife survey techniques including mist-netting, banding of raptors and passerines, avian broadcast surveys, line transect and fixed-point avian surveys, nest searching, track plate surveys, camera trapping, radio telemetry, bat monitoring using Anabat acoustic detectors, and vegetation sampling. She is experienced with Garmin and Trimble GPS units and is proficient in ArcGIS 9.2. Andrea is currently managing pre- and post-construction environmental monitoring at wind-energy facilities primarily throughout California.

SCIENTIFIC ORGANIZATION MEMBERSHIPS

The Wildlife Society
Western Section of The Wildlife Society

SCIENTIFIC TECHNICAL REPORTS

Chatfield, A., W. Erickson, and K. Bay. 2009. Avian and Bat Fatality Study, Dillon Wind-Energy Facility, Riverside County, California. Final Report: March 26, 2008 - March 26, 2009. Prepared for Iberdrola Renewables, Portland, Oregon. Prepared by Western EcoSystems Technology, Inc. (WEST), Cheyenne, Wyoming. June 3, 2009.

Erickson, W.P., **A. Chatfield,** and K. Bay. 2009. Baseline Avian Studies for the Alta-Oak Creek Mojave Wind Resource Area, Kern County, California. Final Report: February 4 - June 30, 2010. Prepared for CH2M HILL, Oakland, California. Prepared by Western EcoSystems Technology, Inc. (WEST), Cheyenne, Wyoming.

Young, D.P. Jr., **A. Chatfield,** and K. Bay. 2008. Wildlife Baseline Studies for the Sidewinder Wind Resource Area, San Bernardino County, California. Final Report: July 8, 2007 - July 7, 2008. Prepared for BP Alternative Energy North America, Houston, Texas. Prepared by Western EcoSystems Technology, Inc. (WEST), Cheyenne, Wyoming. September 22, 2008.