

MARTIN D. PIORKOWSKI

Project Manager, Biologist, and Branch Manager

19 years of experience

Martin Piorkowski is a Wildlife Biologist with specific focus on wildlife and renewable energy interactions. He came to WEST after 5 years with the Arizona Game and Fish Department which he was largely responsible for designing and implementing landscape scale projects for state, federal, and Department of Defense agencies. Martin works with numerous protected and special status species across many taxa including bats, eagles, passerines, snails, ungulates, and plants. He also conducts work with more common species to better assess anthropogenic impacts to wildlife and potential implications to less common special status species. He has also carried out studies assessing the potential impacts of solar facilities on local wildlife communities in the Desert Southwest.

PROFESSIONAL EXPERIENCE

Project Management

As a Project Manager with WEST, Martin brings a wealth of knowledge and experience from organizations such as the Cornell Lab of Ornithology, Bat Conservation International, and both State and Federal agencies specifically focused on energy development and wildlife interactions. He retains technical skills such bio-acoustic analyses, mark-recapture techniques and analyses, GIS analyses, and technical writing skills.

Renewable Energy

Martin has worked across the nation with the renewable energy sector (wind and solar) for more than a decade. His specific expertise is in potential bird and bat management issues but has experience with terrestrial and big game related questions in association with renewable energy development.

Surveys and Modeling

Martin also has extensive experience conducting surveys and modeling landscapes in compliance with Integrated Natural Resource Management Plans on numerous bases across the Desert Southwest and has successfully competed for six Legacy grants incorporating more than a dozen military installations. For the Department of Defense, Martin has expertise in federally listed species, At-Risk species, and habitats for various species of concern potentially utilizing military installations.

SELECTED PROFESSIONAL PUBLICATIONS

- Piorkowski, M. D.**, J. M. Diamond, and R. N. Gwinn. 2016. Renewable Energy Development on Department of Defense Installations in the Desert Southwest: Identifying Impacts to Species at Risk. Legacy Program 14-758. Arizona Game and Fish Department, Wildlife Contracts Branch, Phoenix, Arizona, USA.
- Piorkowski, M. D.**, D. P. Sturla, W. L. Crumbo, and J. M. Diamond. 2015. Status and distribution modeling of Golden Eagles on southwestern military installations and overflight areas: assessing "take" for this sensitive species at risk – year 2. Legacy Program TR 13-631. Arizona Game and Fish Department, Wildlife Contracts Branch, Phoenix, Arizona, USA.
- Piorkowski, M. D.**, A. J. Farnsworth, M. Fry, R. W. Rohrbaugh, J.W. Fitzpatrick, and K.V. Rosenberg. 2012 Research priorities for wind energy and migratory wildlife. *Journal of Wildlife Management*. 76: 451-456.
- Piorkowski, M. D.** and T. J. O'Connell. 2010. Spatial patterns of summer bat mortality from collisions with wind turbines in mixed-grass prairie. *The American Midland Naturalist*. 164:260-269.

SPECIALTY AREAS

Wind and Solar Energy

Surveys and Modeling

Department of Defense

EDUCATION

MS, Zoology
Oklahoma State University

BS, Biology
Pennsylvania State University

PROFESSIONAL ROLES

Project Manager/Biologist,
WEST
2016–Present

Senior Wildlife Biologist,
Arizona Game and Fish Department
2012–2016

Project Coordinator,
Cornell Laboratory of Ornithology
2006–2012

Field Biologist,
Bat Conservation International
2006

Professional Researcher,
The Ornithological Council
2006

PROFESSIONAL AFFILIATIONS

The Wildlife Society:
Renewable Energy Working Group

The Wildlife Society:
National, Northeast, and Southwest
Chapters



Western EcoSystems Technology, Inc.
www.west-inc.com