

JOHN-ROYCE BOEHRS, GIS Specialist**EDUCATION**

B.A. University of Wyoming, Laramie, Wyoming 2007 *Geography: Natural Resource Management*

PROFESSIONAL EXPERIENCE

2007-Present *GIS Specialist*, Western EcoSystems Technology, Inc., Cheyenne, Wyoming
 2007 *FIREMON Intern*, Student Conservation Association, Warm Springs, Oregon

PROFESSIONAL SUMMARY

GIS Experience: Map production for site characterization studies, environmental assessments; environmental impact statements, baseline studies, fatality monitoring, whooping crane analysis, IN bat risk assessments, bird/raptor use, sensitive species, and habitat surveying throughout the continental US. Whooping crane habitat suitability analysis for projects in IL, IN, KS, NE, OK, and TX. IN bat habitat suitability for projects in IL and IN. Potential impact analysis for land cover, habitat, & wetlands for pre & post-construction project infrastructure throughout the continental US. Playas quality assessment in TX. Geodatabase management, modeling, creating and editing vector and raster datasets, creating and editing of FGDC standard metadata, on the fly digitizing, georeferencing, and aerial/orthoimagery and topographic interpretation. Project experience primarily related to Wind energy but also in wetland and water resource work.

Forestry and Fire Control/Field Work: Collected fire fuels data for the Warm Springs Indian Reservation/Bureau of Indian Affairs. Practiced at forest inventory and fire monitoring techniques. Skilled with relascopes for timber volume estimations, clinometers for measuring vertical timber height, increment borers for age determination of trees, logger's tape, chainsaws, and hand tools. Skilled in navigation and orienteering by map and compass or GPS coordinates, collection and assembly of GPS coordinates and map points, and photo-monitoring to track land changes.

Software Capabilities: Proficient in ArcGIS 10.0 including Spatial Analyst extension, working knowledge of Microsoft Pathfinder Office, Google Earth, Microsoft ActiveSync, JFIREMON, Trimble, Garmin, ArcPad, Microsoft Word, Microsoft PowerPoint, Microsoft Access, and Microsoft Excel.

CERTIFICATIONS

Arie Backcountry Medicine: Wilderness First Aid/CPR
 Bureau of Land Management (BLM): Trimble GPS
 Student Conservation Association: Off-Road Driving
 Warm Springs Indian Reservation: S212 Wildland Fire Chain Saws – B-Faller
 S130 Wildland Firefighting/S190 Fire Behavior

ADDITIONAL TRAINING**ESRI (Virtual Campus Training)**

Creating and Integrating Data for Natural Resource Applications
 Working with Map Topology in ArcGIS
 Learning ArcGIS Spatial Analyst