



Paul Arendt GIS/CAD Specialist

Mr. Arendt understands the importance of details and accuracy when working as a GIS/CAD Specialist. He brings a broad range of technical skills to the H2E team with his proficiency in Auto CAD, ArcGIS, ArcPad, Visio and other technical programs used in the environmental field. Mr. Arendt has a Masters Degree in Geography from University of Wyoming, where he worked as a graduate research assistant on a National Park Service funded project based in Dinosaur National Monument. The combination of academic and industry experience gives Paul a unique perspective on environmental issues in the Intermountain West stemming from oil and gas development.

Experience

- Conducted Annual SPCC inspections at oil production, midstream compressor and electrical transformer facilities.
- Field data collection of SPCC information at new and existing oil and gas facilities in order to prepare new SPCC plans and/or updates to existing plans.
- Proficient at generating Site Security, SPCC and FRP site diagrams in Auto Cad and Visio formats.
- Prepared numerous SPCC plans using H2E and client specific SPCC templates.
- Conducted storm water inspections for oil and gas operations throughout the Powder River Basin.
- Utilized GIS field data collection techniques to facilitate environmental compliance.
- Performed database management of complex GIS datasets representative of oil and gas infrastructure.
- Performed research for a National Park Service funded project that used GIS database generation and analysis to examine the ecological dynamics of Dinosaur National Monument over the past century.
- Designed, executed, and documented complex GIS work flows that analyzed changes in woodland-shrubland distributions and wildland fire frequencies in northwestern Colorado/northeastern Utah from 1905 - 2000 AD.
- Generated sample schemes and conducted fieldwork in the remote settings of Dinosaur National Monument and the greater Uintah Basin.
- Has supervised research technicians in both lab and field settings.
- To date has produced one peer-reviewed publication now in press with the journal Ecosphere (slated for fall 2013).
- Active training/certifications include: PEC Premier - Safe Land Training, H2S Awareness Training, Visible Opacity Reading - EPA Method 9 (40 CFR Part 60), Red Cross CPR/First Aid/AED Training.

Education

University of Wyoming, Laramie, WY
2012 – MA, Geography

University of Wyoming, Laramie, WY
2005 – BS, Biology

