

KEVIN M. SEEGMILLER

Ph.D. Student | School of Sustainability | Arizona State University | kmseegmi@asu.edu

EDUCATION

Ph.D. Sustainability (current student) **2014-Current**

Arizona State University

Areas of Concentration: future of electric utility industry

M.S. Bioregional Planning **2006**

Utah State University

Areas of Concentration: National Environmental Policy Act; Geographic Information Systems

Master's Thesis: "Taking a Regional Planning Approach to Create Conceptual Futures for Abaco, The Bahamas"

B.S. Environmental Studies **2003**

Utah State University

Area of Concentration: Recreation Resource Management

Minor: Economics

PROFESSIONAL ASSOCIATIONS

American Planning Association **2008-2013**

PUBLICATIONS

Bryner, C. L.; Seegmiller, K.M., 2006. "Taking a Regional Planning Approach to Create Conceptual Futures for Abaco, The Bahamas." The Nature Conservancy, Bahamas Field Office

Toth, R. E.; Baker, J. B.; Bryner, C. L.; Evans, J.; Hinman, K. E.; Kilpatrick, K. R.; Seegmiller, K., 2005. "Alternative Futures for the Bear River Watershed." Bioregional Planning Program, Department of Environmental Society, College of Natural Resources, Utah State University

WORK EXPERIENCE

Environmental Planner/Project Manager

2010-2014

Transcon Environmental – Mesa, Arizona

- Managed all facets of environmental planning and permitting for utility infrastructure projects
- Specialized in line and routing studies of high-voltage electric transmission and gas lines
- Lead multidisciplinary teams of resource specialists on NEPA- and CEQA-related projects
- Coordinated with government agencies in Arizona, California, Utah, and Nevada
- Specialized in development of tools and technologies for field data collection, reporting, and web mapping
- Developed project schedules and forecast budgets
- Wrote proposals and marketed potential clients/agencies

Land-Use Planner/Project Coordinator

2007-2009

Bear West/The Shipley Group – Salt Lake City, Utah

- Range of responsibilities included resource analysis for EAs and EISs, GIS analysis, public comment management and analysis, municipal planning, visual simulations, open space planning, economic development planning, and transportation studies
- Developed special expertise in full-scale public involvement and comment analysis on large NEPA projects with the United States Forest Service (USFS), Bureau of Land Management (BLM), and United States Fish and Wildlife Service (USFWS)
- Managed all spatial analysis and map-making for an oil and gas leasing EIS that involved leasing stipulations on over 1 million acres of land administered by the USFS

Geographic Information System Coordinator

2006

Cache County Planning Department – Logan, Utah

- Developed County's first enterprise GIS
- Developed standards and procedures for routine updates to county parcel file
- Reduced the need for public visits to various county departments by creating downloadable county base maps from the county website
- Employed GIS in land-use planning projects and zoning ordinances
- Gathered, organized, and updated base GIS data layers

Planning Consultant

The Nature Conservancy – Abaco, The Bahamas

2005-2006

- Conducted a regional land-use analysis, focusing on deficiencies in current protected area networks and land cover rate changes between 1970 (topo map) to 2000 (Landsat ETM+ imagery)
- Interviewed and meet with key stakeholders and citizens of Abaco
- Generated multiple GIS assessment models and future alternatives to guide planning efforts
- Created a GIS database of 16 biological habitats and socio-economic activities/threats in the Bahamas

SELECT PROJECT EXPERIENCE

- Tucson Electric Power – Transmission Maintenance Planner: *Coordinated all maintenance activities (primarily pole/tower and hardware replacement) for TEP's 345, 138, and 46 kV power lines; coordinated with line, construction, land, and engineering groups to identify maintenance priorities, schedules, maps, list of materials items, etc.*
- PG&E Siting and Routing Study for LeGrand-Chowchilla 115 kV Project—California/Project Manager: *Systematic alternatives identification and analysis to reroute an existing transmission line to a new alignment free of sensitive biological resources*
- PG&E Proponent's Environmental Assessment for LeGrand-Chowchilla 115 kV Project—California/Project Manager: *Managed preparation of CEQA document for California Public Utilities Commission*
- PG&E Caribou Westwood Transmission Line Siting and Routing Project — California/Project Manager: *Systematic alternatives identification and analysis to reroute an existing transmission line threatened by reoccurring wildfires on Caribou National Forest; developed and utilized web-maps for meetings and stakeholder participation*
- PG&E Eel River Substation Expansion Project—California/Project Manager: *Visual simulation and analysis of a proposed substation expansion*
- PG&E Exchequer 70 kV Transmission Line EA—Yosemite, California/Project Coordinator: *Environmental Assessment to obtain right-of-way of a previously built transmission line crossing lands administered by the National Forest lands*
- PG&E Newberry Springs Cathodic Protection Station EA—California/Project Coordinator: *EA to obtain right-of-way from Bureau of Land Management (BLM) for new long-term maintenance facilities on a major high-capacity gas pipeline*
- Murdock Mountain Phosphate Exploration Project—Nevada/Project Manager: *Class I and Class III Cultural Resource surveys for a proposed phosphate mining operation*
- Mona to Oquirrh 345/500 kV Transmission Corridor Project CIC – BLM, Utah/Construction Compliance Inspector: *Assisted with various construction compliance activities in behalf of the BLM, including field inspections, field data*

reports, data collection, agency/proponent coordination, multi-media presentations, etc.

- Tropic to Hatch 138 kV Transmission Line Project CIC—Dixie National Forest, Utah/Construction Compliance Inspector: *Developed environmental training materials for construction crews based on approved best management practices and mitigation measures identified in NEPA document and Plan of Development*
- Golden Valley 230 kV Transmission Line EA—Arizona/Project Coordinator: *EA to obtain right-of-way from BLM for a proposed transmission line crossing a designated recreation area near Kingman*
- Gila River Indian Community Programmatic Agriculture Leasing EA—Arizona/Project Manager: *Programmatic EA to identify leasing stipulations for new agriculture leases and to facilitate expedient review and approval of new applications*
- Tohono Odom Utility Authority Fiber Optic Project EA—Arizona/Project Manager: *EA to obtain right-of-way from Bureau of Indian Affairs (BIA) for over 50 miles of new fiber optic line crossing Tohono Odom Nation; funding from Rural Utility Service (RUS)*
- Hualapai Valley Solar Project, 345 MW, 500 kV line EIS—Arizona/NEPA Specialist: *Primary responsibility included working with Western Area Power Administration (WAPA) in development of Chapter 2 Alternatives*
- Soldier Creek Dam EA—Utah/Project Coordinator: *EA to relocate an existing road from the dam surface to a new right-of-way on lands administered by Bureau of Reclamation and Uinta National Forest; project area was a high-recreation destination area*
- South Valley Sewer District Property Management Plan—Utah/Project Coordinator (primary writer): *Developed a property management, including habitat restoration, wetland development, boardwalks and interpretative signage, for a proposed wastewater facility along some of the last remaining open lands along the Jordan River*
- Economic Development Plan for City of Wamsutter— Wyoming/Project Coordinator (primary writer): *Project was funded by British Petroleum to identify investment and spending priorities with the purpose of transforming the City of Wamsutter from a transient mining camp into a place of permanent residence*
- Housing, Visual, Noise, and Lighting analyses for a proposed coal-fired plant — Utah/Project Coordinator: *Primary writer for visual, noise, and lighting analyses; developed 3-D simulations of proposed plant for public involvement meetings*
- Uinta Oil and Gas Leasing EIS—Utah\GIS Analyst: *Managed all GIS-related activities, including intense spatial analysis activities and cartography; proposed action was to develop leasing stipulations on 1 million acres of land administered by National Forest Service*
- Bonneville Shoreline EA—Utah\NEPA Specialist and GIS Analyst: *Authored multiple resource sections; managed all GIS-related activities; proposed action was to construct a 30-mile segment of a proposed 100-mile trail system along the Wasatch Front*

- Numerous small- and large-scale public involvement projects with the United States Department of Agriculture Forest Service, Bureau of Land Management, and U.S. Fish and Wildlife Service.

CERTIFICATIONS

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| National Environmental Policy Act (comprehensive certification program) | 2006 |
| How to Manage the NEPA Process and Write Effective NEPA Documents | |
| Clear Writing for NEPA Specialists | |
| Reviewing NEPA Documents | |
| Cultural and Natural Resource Management | |
| Cumulative Impact Analysis | |
| Interdisciplinary Team Building | |
| Overview of the Endangered Species Act | |
| Community Planning (through University of Utah) | 2005 |
| ESRI-ArcGIS | 2003 |

AWARDS/FUNDING

- The National Environmental Policy Act Certificate Program (Partnership between Utah State University and The Shipley Group) (\$4,500) **2005**
- The Nature Conservancy – Obtained funding for Master’s Thesis (\$18,000) **2005**
- American Planning Association, Merit Award for “Plan Development.” Alternative Futures for the Bear River Watershed. **2003**
- Eagle Scout, Boy Scouts of America **1995**

LANGUAGES

English – native language
 Spanish – speak, read, and write with advanced competence