Priyanka Miller, GISP

Education
*BS, Architecture
SSAA, India*

*Master of Science in
Management Information
System,
University of Wisconsin*

Affiliations
*North West Arizona
Geospatial Information Group-
Founder*

*Arizona Geographic
Information Council*

*Geospatial Information
Technology Association*

*Urban Regional Information
Systems Association*

Certifications
*Certified Geographic
Information Systems
Professional (GISP) by the
GIS Certification Institute*

8 Years Experience

Matthew Laufer, P.E.
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Janice D. Paul, AICP
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Ms.Miller is a Certified Geographic Information System Professional with over 8 years of work experience in both public and private sectors. She has a comprehensive understanding of identifying GIS needs for local and state governments. Her responsibilities include securing and managing multi-faceted GIS projects that involve numerous departments and/or organizations. Ms. Miller is proficient in all facets of marketing including proposal and grant writing, public presentation, documentation and customer driven internet applications.

As a GIS Coordinator with Bullhead City, *Ms.Miller* was directly responsible for managing and coordinating all GIS projects, enhancing customer service to both internal clients and to the public. She supervised the editing and maintenance of over 30,000 parcels, ensuring data integrity with extensive QA/QC procedures.
Ms. Miller was further responsible for creating and maintaining the department's website, providing up-to-date information to the public. She was instrumental in organizing a tri-state GIS users group, initiating data sharing and collaborating efforts amongst private and public agencies. Her expertise in GIS software, strategic planning, data conversion and analysis, is complimented by strong communication, leadership and customer service skills.

Selected Project Experience

2010 Local Update of Census Addresses (LUCA) Program, Bullhead City. The Local Update of Census Addresses (LUCA) program is a decennial census geographic partnership program that allows the Census Bureau to benefit from local knowledge in developing its Master Address File (MAF) /TIGER Database for the 2010 Census. The program allowed the city an opportunity to review and comment on the list of housing units and group quarters addresses, ensuring that the city was clearly represented in the 2010 Census Data. Ms. Miller assisted in developing the Master Address File (MAF) for the city. She reviewed and edited Census data and corresponding maps for accuracy and completeness. Received in-depth training conducted by Census Bureau staff pertaining to the Census data and LUCA program.

Sewer Mapping Application, Bullhead City. Mapped the city's sewer into a geodatabase, digitizing over 4000 manholes into a comprehensive data model.
Integrated various data sources into a single well-formed geodatabase, enhancing map production. Field data collection was done with an input form created in Visual Basic. This data was then fully compatible with the geodatabase.

Milwaukee Metropolitan Sewerage District, WI
Capacity assurance, Management, Operations and Maintenance (cMOM) Readiness Project. Designed a customized, multi- user asset management application to manage the district's asset information, providing GIS connectivity for graphical analysis. The proposed solution included risk management, cost analysis, life cycle analysis and condition monitoring functions using Oracle and Cold Fusion.
Engineered a Microsoft Access database tool to track massive amounts of asset related data provided by the communities served by the district. Mapped the flow of equipment maintenance, financial and project management records through a three-enterprise information system. Designed a web interface tool to further ease of use and access using Dreamweaver and Cold Fusion.

Priyanka Miller
Continued

Jami Garrison, GISP
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GIS & ASSET MANAGEMENT EXPERTISE

➢ *ArcGIS 10 / 8.x*
➢ *ArcInfo*
➢ *Cartegraph*
➢ *gbaMS -Pavement Module*
➢ *AutoCAD Civil 3D,*
➢ *MicroStation*
➢ *Google Earth*

PROGRAMMING PROFICIENCY

➢ *Oracle*
➢ *Visual Basic*
➢ *Coldfusion*
➢ *HTML / XML*
➢ *JavaScript*

Real Estate GIS Data Incorporation Project. Managed data digitization and conversion of over a thousand parcels, easements and other real estate interests into a GIS format from existing systems and sources. Developed an Oracle database to provide the district with a real estate GIS that is compatible with the existing GIS/Cad system. Integrated Oracle, Microstation, ESRI ArcGIS and Geomedia into a consolidated solution with provisions for future GIS software additions. Delivered a web enabled GIS application, facilitating the client to view digitized progress and access data as and when it was created.

Parcel Mapping Application, La Paz County. Provided GIS consultation for geodatabase design and methods for the county wide parcel data, integrating and streamlining various data sources. Conducted GIS needs assessment identifying both long and short term goals, recommendations included cost and time effective strategies.Coordinated and orchestrated inter-departmental parcel data creations, ensuring data integrity and accuracy.

GIS & Web Design Software Experience

ArcGIS/ArcInfo & Extensions. Five years of experience applying ESRI GIS software to complex analysis mapping and interpretation of spatial information.

Dreamweaver & CSS. Create and maintain several websites utilizing Dreamweaver, with code written in Coldfusion, HTML, CSS and SQL. Create and update Search Engine Optimization (SEO) metatags for websites. Create product inventory in Access database.

ArcView/Avenue. Custom designed a GIS application with ArcvView 8.3 to gather and update utility data in the field. Customized tools created in Visual Basic, fully integrated with the shape files.

PRESENTATIONS

"Pavement Condition Index for Bullhead City Streets", Council Presentation, AZ
"Asset Management & Rural Water Systems", Wisconsin Rural Water Association, WI
"GIS- A Decision Support System", University of Wisconsin, WI