

Mike Edelson, PMP, GISP

EXPERIENCED DIRECTOR OF GIS, GEOSPATIAL PROJECT MANAGER, AND DIRECTOR OF OPERATIONS

Geographic Information Systems | Operations | Management

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GIS Manager, former Director of GIS, former Director of Operations with a 20+-year track record of delivering operational leadership and excellence in GIS operations and project management. Spearheaded operational efficiency of the GIS department by planning, managing, and directing work and operations, establishing and implementing business objectives. Led the functional team, projects, and initiatives, providing subject matter guidance and recommendations, providing first-class deliverables. Tracks scope, time, and cost for projects and programs. Ensures operational goals are set, measured, and continuously met. Identifies process optimization opportunities and implements efficiency, standardizations, and improvements—leverages and practices the Kaizen approach of Continuous Improvement.

KEY SKILLS

Operational Leadership
Geospatial Consulting Technologies
GIS Mapping and Analysis
Team Leadership and Management
Relationship Development
Communication and Collaboration

Process Improvement
Policy and Procedure Implementation
GIS Tools and Application Development
Statistical and Regression Analysis
Machine Learning
Time Management

Strategic Planning and Execution
Change Management
SWOT Analysis Facilitation
Training and Coaching
Data Gathering and Analysis
Budget Controlling

SUMMARY OF QUALIFICATIONS

- ✓ Serve as Senior Management (per PMBOK standards) to the Project Management Office. (InterDev)
- ✓ Established, directed, and organically grew the GIS department from zero to \$1.6M through leading geospatial consulting for local governments through the PPP (Private Public Partnership) model of government. (InterDev)
- ✓ Expanded services of the GIS department from 9 cities in the Atlanta metro area to cities in Florida, South Carolina, North Carolina, and Texas. (InterDev)
- ✓ Maximize the organization's productivity by instituting and managing policies and procedures and spearheading initiatives for process improvement and change management. (InterDev)
- ✓ Enable evaluation and quantification of the company's efficiency and effectiveness by introducing quantitative and qualitative metrics, guidelines, and standards. (InterDev)

PROFESSIONAL EXPERIENCE

GIS Manager, City of Brookhaven, GA

2022 – present

- Fostered the design, build, organizational leadership, management, and agility of the GIS department and team through managing the workload and strategic planning and identifying areas for improvement.
- Provided leadership, training, and subject matter expertise on GIS and geospatial technologies to the City staff.
- Supported major projects by providing hands-on GIS analysis, application development, and guidance.
- Boosted knowledge and capacities of GIS staff through integrating training and skill development plans.
- Ensured adherence to GIS standards and guidelines by creating, integrating, and streamlining related policies and procedures.
- Optimized decision-making process by supporting staff in using advanced GIS geoprocessing tools and processes.
- Engaged staff and community in using GIS by developing straightforward GIS tools and applications. Maintained and regularly updated key datasets, including addresses, roads, and city assets

Geospatial Project Manager, Axim Geospatial, Atlanta, GA

2022 – 2022

- Lead role in the pursuit and execution of GIS projects supporting utilities, government organizations, and commercial clients
- Provide overall project leadership for a variety of GIS professionals, GIS application development, GIS system implementation, data migration, and GIS data development
- Lead project estimation, planning, and budgeting and is accountable for the execution and delivery of the project
- Responsible for the successful completion of the project in accordance with the client's business objectives balancing the budget, scope, and quality considerations
- Create various status reports and lead/coordinate status meetings covering agenda creation, meeting minutes, schedule, risks, issues, budget vs. actuals, deliverables, and resources

Director of Operations, InterDev, Atlanta, GA

2020 – 2022

- Ensure smooth and efficient operations of the organization by leading and directing daily activities and operations.
- Led a team of 20+ reports including Accounting and Finance, Human Resources, GIS, Project Management, and Marketing, ensuring all operational goals are met.

- Manage an annual revenue of ~\$15M and enable the attainment of corporate financial goals by planning, controlling, monitoring, and forecasting budgets.
- Streamline business operations by reviewing, analyzing, and evaluating operational procedures.
- Identify and facilitate opportunities for process improvement by coordinating accountabilities between departments.
- Optimize the workflow and drive cost-effective and profitable business operations by leading cross-functional coordination among IT Services, Government, Project Management, Sales, Business Development, Accounting and Finance, and HR.
- Act as a member of the COVID-19 Business Continuity team.

Director of GIS, InterDev, Atlanta, GA

2018 - 2022

GIS Manager, InterDev, Atlanta, GA

2015 - 2018

- Achieve departmental and enterprise-wide operational needs by leading the overall delivery and management of GIS projects or services, including the development and maintenance of GIS applications, tools, and databases.
- Enable the delivery of all planned activities as per set plans by monitoring performance and introducing resolution actions in case of variances from plans.
- Boost business efficiencies by providing leadership and expertise on GIS technologies to departmental managers.
- Create and introduce GIS policies, procedures, and standards.
- Oversee GIS applications development, RFP and contract development, and hardware and software acquisition.
- Started tenure as Sr. GIS Analyst, promoted to Director of GIS in 2014.

GIS Manager, City of Brookhaven, GA (InterDev)

2013 - 2015

- Fostered the design, build, organizational leadership, management, and agility of the GIS department and team through managing the workload and strategic planning and identifying areas for improvement.
- Provided leadership, training, and subject matter expertise on GIS and geospatial technologies to the City staff.
- Supported major projects by providing hands-on GIS analysis, application development, and guidance.
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- Engaged staff and community in using GIS by developing straightforward GIS tools and applications.
- Maintained and regularly updated key datasets, including addresses, roads, and city assets.

GIS Project Manager, Critigen (now Locana), Atlanta, GA

2005 - 2013

- Served as Subject Matter Expert in geospatial technology solutions, specifically the ArcGIS product stack, including those components that fit the organization's overall technology stack.
- Enabled efficient and timely design, completion, and delivery by leading and managing technical teams.
- Streamlined information flow between technical teams, clients, and stakeholders by leading the communication.
- Identified, designed, and managed the integration of client geospatial solutions.
- Supported the preparation and evaluation of proposals, bids, contracts, and service agreements for GIS software, equipment, and consulting services and administration of contracts.

PROJECT EXPERIENCE

GIS Director of an Innovative Consortium of Local Government GIS Managers in the Atlanta Metropolitan Area, 2015 - 2022

Project Manager, Military Master Planning Support of Military Installations in Afghanistan and Kuwait, 2012 - 2013

Project Manager, GIS Management in Support of Nuclear Powerplant Permitting, 2008 - 2013

Project Coordinator, GIS Lead for the U.S. Air Force Site Capacity Survey of 9 Military Installations in Iraq

Project Coordinator, GIS Lead for Camp Leatherneck (Helmand Province, Afghanistan) Master Plan

GIS Analyst, Sandy Springs GeoCity, Sandy Springs Administrative and Operational Services

Project Coordinator, Fire Station Relocation Study for the Sandy Springs Fire Department,

Project Coordinator, Hurricane Katrina Travel Trailers Living Kit Project, Selma, Alabama

PREVIOUS PROFESSIONAL EXPERIENCE

Senior GIS Developer/Analyst, Critigen (now Locana), Atlanta, GA

GIS Developer/Analyst, Critigen (now Locana), Atlanta, GA

GIS Specialist/Planning Assistant, Community Development Department, City of Gainesville, FL

Land Surveyor, Party Chief, LandAir Surveying Company of Georgia, Roswell, GA

EDUCATION

Florida State University, Tallahassee, FL

Bachelor of Science in Geography and Environmental Science, Minor in Chemistry and Biological Sciences

CERTIFICATION and PROFESSIONAL AFFILIATIONS

- ✓ **GIS Professional (GISP), GIS Certification Institute Certification #59850**
- ✓ **Project Management Professional (PMP) Certification #1957360**
- ✓ **Business Communications Certificate**, Emory Continuing Education, 2022
- ✓ **Leadership DeKalb Academy**, DeKalb, Georgia, Class of 2016
- ✓ **Georgia Urban and Regional Information Systems Association (URISA)**

AWARDS AND RECOGNITION

- ✓ **Esri Map Gallery Contest Awards**
 - o **3rd Place** - Thematic Map Category, Decatur Safe Routes to School Map, 2016
 - o **1st Place** - Instructional Map Category, A 30,000 Foot Overview of LIDAR, 2015
- ✓ **URISA's Exemplary Systems in Government (ESIG) Award for Distinguished System in the Enterprise Process System Category**, Brookhaven, GA, 2014
- ✓ **DeKalb County's GIS Day Best Map Contest, Decatur**, 2013
- ✓ **Recognized by Wallace Community College and Selma Works, Focused Industry Training (FIT) in support of the student training and employment advocacy program during the Hurricane Katrina Disaster Relief project**, Selma, AL

PUBLICATIONS

- ✓ **Antibiotics**, Molecular Epidemiologic and Geo-Spatial Characterization of Staphylococcus aureus Cultured from Skin and Soft Tissue Infections from United States-Born and Immigrant Patients Living in New York City, 2023
- ✓ **PLOS ONE**, Machine learning to predict risk for community-onset Staphylococcus aureus infections in children living in southeastern United States, 2023
- ✓ **International Journal of Environmental Research and Public Health**, Influence of Mask Wearing during COVID-19 Surge and Non-Surge Time Periods in Two K-12 Public School Districts in Georgia, USA, 2023
- ✓ **Annals of Epidemiology**, Space-time trends of community-onset Staphylococcus aureus infections in children: a group-based trajectory modeling approach, 2023
- ✓ **International Journal of Environmental Research and Public Health**, Predicting Low-Level Childhood Lead Exposure in Metro Atlanta Using Ensemble Machine Learning of High-Resolution Raster Cells, 2023
- ✓ **International Journal of Environmental Research and Public Health**, Increased Risk of Sub-Clinical Blood Lead Levels in the 20-County Metro Atlanta, Georgia Area—A Laboratory Surveillance-Based Study, 2021
- ✓ **eGEMS Journal for Electronic Health Data and Methods**, A Spatial Analysis of Health Disparities Associated with Antibiotic-Resistant Infections in Children Living in Atlanta (2002 – 2010), 2019
- ✓ **Esri Map Book Volume 32**, Tree Canopy Coverage and Change Detection, 2017
- ✓ **Esri Map Book Volume 31**, A 30,000 Foot Overview of LIDAR, 2016

VOLUNTEERING

Humanitarian OpenStreetMap (HOT) Contributor, 2017 – Present

GIS and Cartography, Peachtree Creek Greenway, Atlanta, GA, 2013 – Present

FutureCity Competition, National Engineering Week, Steering Committee, 2012 – Present

Information Technology Lead, Brookhaven Chamber of Commerce, 2015 – 2016

URISA Exemplary System in Government Award Review Committee, 2015

Governor's Commission on Brookhaven, GA, GIS Services, 2012

GIS Certificate Institute (GISP) Review Committee, Atlanta, GA, 2010