



About Us

With over 40 years of dedicated service, D&W Consulting has established itself as a premier GIS consulting firm with an esteemed reputation in the industry. Our experienced principals have successfully delivered exceptional GIS solutions to more than 150 public agencies, ranging from small-scale initiatives to large, world-class endeavors.

At D&W Consulting, we prioritize a client-centric approach, beginning with a thorough understanding of our clients' needs. We specialize in crafting tailored plans that precisely address these requirements. Once a plan is finalized, we execute it with meticulous project management, ensuring superior product quality and maintaining transparent communication throughout the process. This methodology guarantees that every project we undertake achieves its objectives efficiently and to the highest satisfaction of our clients. We offer comprehensive system and data integration services that cover the entire project life-cycle. From initial needs assessment to full-scale implementation and ongoing operations, our expertise ensures the seamless integration of GIS solutions with enterprise technologies, delivering robust and effective systems and applications.

Mission Statement

Through our comprehensive expertise and client-centric approach, D&W Consulting is committed to delivering innovative solutions that empower organizations to thrive in a rapidly evolving digital landscape. We strive to push the limits of what's possible, demonstrating our commitment to innovation, excellence, and core-values to meet diverse industry needs.

Leadership



Jerry Wagner

Jerry A. Wagner brings over 40 years of expertise in developing and implementing Geographic Information Systems (GIS), specializing in government, utility, retail and property management GIS. His extensive experience includes designing and managing the implementation of complex GIS solutions, notably overseeing the building of the facilities GIS for the Irvine Company's Retail Division which manages over 40 shopping centers. Jerry excels in enterprise GIS implementation, organizational consulting, and comprehensive requirements analysis. With a background in Photogrammetry, he has successfully led numerous photogrammetric projects for various agencies. Jerry's strengths lie in effectively communicating with technical teams and management, integrating geographic information into decision support systems, and delivering high-quality GIS products crucial for informed decision-making.

Ron Wagner

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Jessica Ramirez

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Andrea Rosas

David Manuwa

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Kyle Monte

Services

Project Management

o Project management services encompass a range of activities designed to plan, execute, monitor, and close a project effectively, on time, and on budget. D&W's leadership has over eighty (80) years of combined executive experience implementing and managing simple and complex projects.

Fire Prevention

o At D&W, we understand the critical importance of fire prevention in safeguarding lives and property. With our comprehensive fire prevention software, we offer proactive solutions to mitigate fire risks and ensure peace of mind for businesses and homeowners alike.

Cloud Computing:

o Cloud computing continues to evolve, offering organizations innovative solutions to drive efficiency, scalability, and agility in their IT operations and business strategies. We offer scalable and secure cloud solutions that streamline operations and drive agility. From cloud migration and architecture design to managed services and field operations, our team of professionals ensures seamless integration and optimal performance.

Aerial Drone Services:

o Capture data faster, more effectively, accurately, and safely with a drone. Enhance operational visibility, perform facility and asset inspections to improve maintenance management processes (professional aerial photography, videos, and mapping).

GIS Consulting

o D&W consultancy services include data capture and verification, data analysis and assessment from various sources (satellite imagery, digital spatial data, hardcopy maps, etc.), cartographic and mapping

consultation, software integration, data management, network assessment, scanning, and program management.

Digital Transformation

o D&W professionals help utility districts and municipalities identify bottlenecks, pain points, explore technologies, enhance processes, and develop a business case for leadership to meet regulatory requirements to stay ahead.

Needs Assessment

o A GIS (Geographic Information System) needs assessment is a critical process used to evaluate the requirements and objectives of implementing or improving GIS capabilities within your organization. At D&W we follow a structured approach to conducting a GIS needs assessment.

Define Objectives and Scope

Assess Current GIS Capabilities

Gather Requirements

Data Assessment

Technology Assessment

Organizational Readiness

Cost Benefit Analysis

Risk Assessment

Develop GIS Implementation Plan

Review and Finalize

Implementation Oversight

Field Data Collection

o We work with organizations to effectively conduct GIS field data collection to acquire accurate and reliable geographic information essential for decision-making, planning, and analysis. We work with your organization to determine what specific geographic data needs to be collected (e.g., infrastructure locations, environmental features, demographic information), best method, and establish the level of accuracy and precision needed for collected data.

Maintenance Management:

o Condition-based

o Predictive

Artificial Intelligence and Machine Learning:

o Leveraging the power of AI and ML, we enable businesses to harness data-driven insights, automate processes, and enhance decision-making capabilities. Our solutions encompass natural language processing, computer vision, predictive analytics, and AI-driven automation.

Data Science and Advanced Analytics:

o Data Science and Advanced Analytics encompass a broad range of techniques and methodologies aimed at extracting meaningful insights from data. At D&W we gather data from various sources, which can be structured or unstructured, and prepare it for analysis to better understand its characteristics, distributions, and relationships. We apply statistical methods to identify patterns, trends, and relationships in the data to help our customers improve operations and make data-driven decisions.

Software Integration and Implementation (ArcGIS Server/ArcGIS Online):

o Software integration and implementation require collaboration across technical teams, project managers, and stakeholders to achieve successful outcomes. Effective planning, communication, and adherence to best practices are essential for delivering software solutions that enhance our customers operations to achieve strategic objectives. This involves the processes of combining different software systems and ensuring they work together seamlessly to achieve specific goals or functionalities. We achieve this by following specific protocols and industry standards.

Requirement Gathering

System Analysis

Integration Strategy

APIs and Middleware

Data Migration

Testing and Quality Assurance

Deployment and Rollout

Monitoring and Maintenance

Security and Compliance

Documentation and Knowledge Transfer

D&W Consulting's Principals have provided GIS services for these agencies:

Apple Valley Fire District
 Caltrans
 Cal Water
 Chino Valley Fire District
 City of Bell
 City of Bellflower
 City of Beverly Hills
 City of Buena Park
 City of Burbank
 City of Carson
 City of Cerritos
 City of Chino
 City of Claremont
 City of Compton
 City of Corona
 City of Costa Mesa
 City of Culver City
 City of Downey
 City of Fontana
 City of Fremont
 City of Fullerton
 City of Glendale
 City of Hawthorne
 City of Huntington Beach
 City of Inglewood
 City of Irvine
 City of LA Airport
 City of LA Civil Disturbance
 City of LA CRA
 City of LA DWP
 City of LA Earthquake Recovery
 City of LA General Services
 City of LA ITA
 City of LA Mayors Office
 City of LA Planning
 City of LA Port
 City of LA Stormwater
 City of LA Streetlights
 City of Laguna Beach
 City of Long Beach
 City of Loma Linda FD
 City of Manhattan Beach
 City of Mission Viejo
 City of Montclair
 City of Newport Beach
 City of Norwalk
 City of Orange
 City of Palm Desert
 City of Palos Verdes Estates
 City of Paramount
 City of Patterson
 City of Pasadena
 City of Pomona
 City of Rancho Cucamonga
 City of Redondo Beach
 City of Rolling Hills Estates
 City of Sacramento
 City of San Bernardino
 City of San Diego
 City of San Dimas
 City of San Juan Capistrano
 City of San Marcos FD
 City of San Marino
 City of Santa Ana
 City of Santa Clarita
 City of Santa Fe Springs
 City of Seal Beach
 City of Sierra Madre
 City of South Gate
 City of South Pasadena
 City of Temecula
 City of Torrance
 City of Upland
 City of Vernon
 City of Victorville
 City of West Hollywood
 City of Westminster
 City of Whittier
 City of Yorba Linda
 County of Alameda
 County of Kern
 County of LA
 County of LA Fire
 County of Orange
 County of San Bernardino
 County of Santa Barbara
 County of Santa Clara
 County of Ventura
 David Evans & Associates
 Digital Map Products
 ESRI
 Irvine Company
 Irvine Ranch Water District
 Western MWD
 LACTC
 LAUSD
 Las Virgenes MWD
 MTA
 MWD
 Murrieta Fire & Rescue
 National Notification Network
 North County Fire Protection District
 Orange County Assessor
 Pacific Bell GIS
 Rancho Santa Fe Fire Protection District
 Rebuild LA
 Rancho Mission Viejo
 San Bernardino County
 Sancerra
 Superintendent of Schools
 Southern California Edison
 Southern California Gas
 Suburban Water District
 Towill
 U.S. Army Corp of Engineers
 U.S. Navy
 University of Southern California



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Contact

Need GIS support for your project?

Are you interested in learning more about our services, or do you want to collaborate?

We'd love to hear from you.

Name (required)

First Name

Last Name

Email Address (required)

Subject (required)

Message (required)

SUBMIT

