

Craig H. Anderson

Sr. Spatial Analyst & Chief Information Officer

Mr. Anderson has over 28 years' experience in Information Technology. His GIS experience is a product of both his background in data analysis, & programming and more than 24 years of direct GIS support and consulting for internal and external clients. He has managed numerous projects including due diligence studies, site selection & analysis for large and small-scale areas, demographic analysis, site suitability studies, and competitor analysis. Mr. Anderson programs in SQL, Python, HTML, JavaScript, PHP, Perl, and PowerShell, for data analysis, visualization, and data conversion as well as for the creation of web-based mapping solutions.

Market Saturation Analysis (Nye Commercial Advisors, Hillsborough County, FL). Market Saturation Analysis to assist Nye and their client, an operator of early learning centers, to determine what areas in Hillsborough County have the concentrations of children and household income to support new early learning centers yet have not been saturated by their client's competitors.

Infinitus Renewable Energy Park (Imperium Development, Inc., Hillsborough County, FL). Provided GIS related services for this 3,000-acre renewable energy production and research park. GIS related services included creation of site selection models based on land use, transportation and utility networks, physical characteristics, and socio-economic data. Work included analysis supporting the successful adoption of a new land use category in Florida - Energy Industrial Park (EIP).

Fiber Network Tools

Developed a set of ArcGIS Python tools to enable the physical infrastructure management of large scale fiber-optic networks, including the design of a geodatabase schema, a splice-diagram generator, and tools to trace individual fibers through the network.

Litigation Support (Florida Power & Light Company, Brevard and Indian River Counties, FL). Assisted FP&L and their legal teams providing land planning and GIS mapping and analysis services regarding long-medium term property value studies along high-voltage power line routes through multiple counties. Services included data gathering, curation, and documentation, as well as large scale data analysis of hundreds of thousands of parcels and resultant maps for internal and exhibit uses.

Oranjestad Ring Road

GIS cartographic and analysis services as part of the development of a Corridor Spatial Master Plan for the Watty Vos Boulevard (Ringweg 3) Corridor in Aruba.

Automotive Dealership Analysis

Provided market demographic and regional competitive analysis services to determine site suitability for an automobile dealership. Compared both public and commercial data against specific demographic parameters established by the automotive manufacturer's marketing data.

Zoning GIS Update (City of New Port Richey, FL).

Provided mapping and spatial analysis services for the City to review, research, and remediate their zoning system. Over 250 ordinances spanning a decade were reviewed leading to the identification of 1,633 individually affected parcels. A detailed report identifying discrepancies as well as a parcel-by-parcel remediation plan and a new reconciled and re-designed zoning database was provided.

SR 48 Sumter County – Bushnell

Provided GIS mapping and analysis services involving parcel analysis to be utilized by the FDOT consultant appraiser in support of the fair market appraisal of (28) 100-level parcels and (4) 800 level parcels in the right-of-way corridor. Genesis developed a Data Book which included an overall corridor document that provided aerial maps, zoning, land-use, parcel matrix, and initial engineering analysis per parcel.

City Wide Roadway Inventory

GIS database design and data collection coordination for a city-wide street condition documentation project for the City of New Port Richey



Duties & Responsibilities

- Project Management
- Spatial & Data Analysis
- Database Administration
- Systems Analysis
- Programming

Education

- St. Petersburg College - Studies in Technology Management & Development
- ESRI - GIS Training
- Sun Microsystems- UNIX Systems Administration

Professional Associations

- IEEE Computer Society
- InfraGuard

Software Proficiency

- ESRI ArcMap / ArcGIS
- Microsoft SQL Server
- Oracle MySQL
- AutoCAD
- Microsoft Project
- Adobe Photoshop
- Adobe Illustrator
- Microsoft Windows Server
- Linux

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