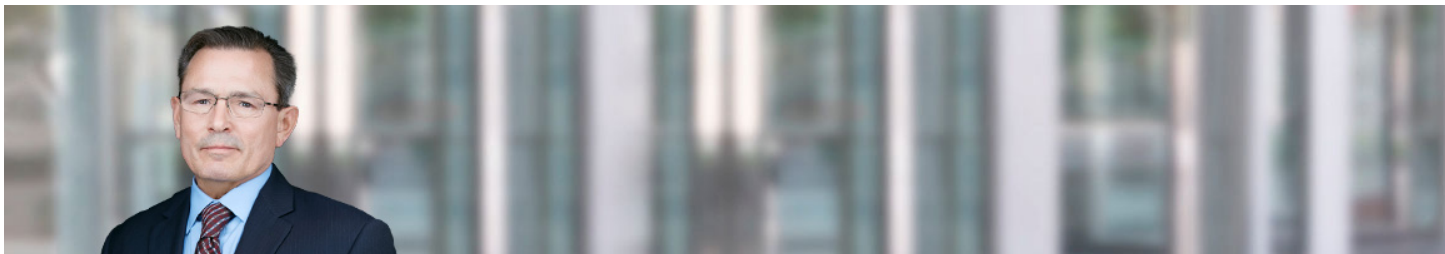


## Christopher P. Smith



GIS Director

Tallahassee Office

csmith@stearnsweaver.com

Phone: 850-329-4859

### PRACTICE AREAS

Planning/GIS Services

Litigation- Land Use,

Environmental & Property Rights

Land Development/Land

Use/Zoning

Government & Administrative

Ad Valorem Tax

Affordable Housing & Tax Credit

Environmental & Natural

Resources

Litigation

Real Estate

### OVERVIEW

\*Non-Lawyer

Chris Smith serves as the Firm's Geographic Information System (GIS) Director. He supports all practice areas through comprehensive GIS analysis, data modeling, high-quality map exhibits, data conversion and manipulation, research/forensic mapping, legal descriptions, developing interactive web mapping applications, and 3-D technology for analysis and visualization.

Chris's multiple industry background and experience working with diverse data types across all agencies and organizations, enables him to quickly understand how to best execute each task, whether it be data manipulation and analysis or visual illustration. Using GIS, Chris is able to facilitate understanding of complex situations that may otherwise require lengthy research and review to identify and address issues and formulate strategies.

Before joining the firm in 2015, Chris had over 25 years of industry experience including a position at a civil engineering firm in aerial mapping, as project manager for the Source Water Assessment and Protection Program with the Florida Department of Environmental Protection, over seven years as a private consultant working for numerous disciplines such as planning, engineering, and environmental, and four years as a geologist in oil and gas exploration.

### REPRESENTATIVE EXPERIENCE

Developed interactive web maps for utilizing "Constraint Avoidance" to predict the most likely routes for the Multi-use Corridors of Regional Economic Significance (M-CORES) program. This data model incorporates seamless multi-county parcel level ownership and land use, Wetlands, Flood Zones, Easements, Conservation Lands, and Environmentally Sensitive Areas (ESA's) GIS layers.

Compiles and analyzes assessment data for Ad Valorem Group. Methods include comparison of similar property

assessments, Improved Value, Just Value, Primary Use, and identifying highest and best use limitations. This information can be integrated with other data types to identify compelling factors or conditions that are not apparent otherwise.

Acquires and converts data from the Department of Business and Professional Regulation into database format where the information can be refined and geographically located for efficient and meaningful analysis.

Engineered an automated data integration tool that transforms and combines over 24.5 million records comprised of property parcels, tax roll data, sales data, and land use descriptions. The resulting dataset merges property appraiser data from 67 Florida Counties into a single searchable parcel layer for statewide statistical analysis.

Creates and deploys custom webmapping applications. Examples include Executive Order Permit Extension Tracker, Qualified Opportunity Zone Locator, and client specific secured map based document management systems.

Data integration, i.e., combining a local city Future Land Use and Zoning map with legal descriptions from Official Records, Storm Surge extents from FL Emergency Management, historical aerials from the FLDOT, potable water system CAD drawings from a local utility owner, and Flood Zones from Federal Emergency Management.

Engineered a proprietary "in-house" data model that searches through over a half million property parcels to optimally locate the shortest distances to Bus and Rapid Transit Stops, Medical Facilities, Schools, Pharmacies, Grocery Stores, within Qualified Census Tracts and an optimal Zoning density and acreage range, for vacant land suitable for multi-family development; an exercise that would require a team working for months to acquire is reduced to a few hours.

Developed the first ever comprehensive state-wide Community Redevelopment Area (CRA) GIS data layer on a parcel-level. 316 boundary extents were compiled from numerous sources, including but not limited to: existing GIS layers, hard copy maps, photos, and legal descriptions.

Produced exclusive high resolution state-wide statistical models using COVID-19 data at County and Zip Code levels for hospitalizations, week-over-week infection rates, and percent of population.

Engineered a partially automated workflow/tool for converting legal descriptions from document to map in a fraction of time required using conventional methods.

Experience utilizing 3-D technology for analysis and visualization including building variances within height restriction zones, comparison of surrounding building heights with proposed construction to illustrate conformance with existing structures, analysis of sun angle and the effects of shadows throughout the day and year, and land use restrictions based on airport flight paths. These illustrations and analysis have been a valuable component in plan amendments, infrastructure approval, and addressing objections to proposed developments.

## **Other Industry Experience**

Currently serves as data steward at no cost to local government and private clients to store and manage their data safely and effectively.

Geologist in the ultra-deepwater oil & gas prospects in the Gulf of Mexico and North Sea off of Aberdeen Scotland.

7 years as a private consultant working for numerous disciplines such as planning, engineering, and environmental. Management of an entire county's GIS system, political re-districting, feasibility studies, needs analysis, countless Land Use Amendments, city and county-wide comprehensive plan mapping, DRI's, site plans, data management and conversion with CAD and GPS data collected for Wetland Mitigation, Natural Feature Inventories, Listed Species, and Phase I Assessments.

Project manager for the Source Water Assessment and Protection Program with the Florida Department of

Environmental Protection. Served as liaison between the Division of Division of Water Resource Management and Waste Management. Tasked with employing mobile/GPS in addition to internet GIS applications and then training individuals statewide to verify, correct, or field collect GIS point data with the aid of aerial imagery for more than 150,000 potential or existing sources of groundwater contamination. Worked with vast datasets, limited resources, and time constraints.

Used GIS to capture and manage location data used for groundtruthing aerial imagery and mapping at civil engineering in the Florida panhandle.

Worked for the Florida Geological Survey in aquifer delineation.

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## PROFESSIONAL & COMMUNITY INVOLVEMENT

Seven Hills Regional Users GIS Group, 2001-Present

Host, Free Open Source Software Group (FOSS), Tallahassee, 2019

Florida State University Geological Society, President, 1999-2001

Sylvester Comprehensive Cancer Center

University of Florida (UF) Health Shands Children's Hospital

Hosts a monthly user group meeting of Government and Private GIS professionals

Retired Open Water Scuba Instructor

Former support cave diver for the National Geographic Society

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## PUBLICATIONS & PRESENTATIONS

**Land Development News Update, Publications: [USFWS to Revise Critical Habitat Rules For Manatees](#)**

Stearns Weaver Miller News Update | July 2022

**Land Development News Update, Publications: [Spring Brings an End to Freezing Temperatures— ?and an Opportunity to Extend Your Development Permits](#)**

Stearns Weaver Miller News Update | April 2022

**Government Affairs News Update, Land Development News Update, Publications: [COVID-19 State of Emergency Lapses: Extend Your Permits NOW](#)**

Stearns Weaver Miller News Update | July 2021

**COVID News Update, Government & Administrative News Update, Government Affairs News Update, Land Development News Update, Publications: [COVID Legal Compass | Edition 25](#)**

Stearns Weaver Miller News Update | March 2021

**Land Development News Update, Publications: [Stearns Weaver Miller's In-House Geographic Information System \(GIS\) Capabilities Enhanced with New Addition](#)**

Stearns Weaver Miller News Update | March 2021

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**Land Development News Update, Publications: [Tampa Bay Local Governments Forge Ahead in Limiting Property Rights with Burdensome Land Development Moratoria](#)**

Stearns Weaver Miller News Update | February 2021

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**COVID News Update, Government & Administrative News Update, Government Affairs News Update, Land Development News Update, Publications: [COVID Legal Compass | Edition 24](#)**

Stearns Weaver Miller News Update | January 2021

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**COVID News Update, Government & Administrative News Update, Government Affairs News Update, Land Development News Update, Publications: [COVID Legal Compass | Edition 23](#)**

Stearns Weaver Miller News Update | December 2020

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**COVID News Update, Government & Administrative News Update, Government Affairs News Update, Land Development News Update, Publications: [COVID Legal Compass | Edition 22](#)**

Stearns Weaver Miller News Update | October 2020

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**COVID News Update, Government & Administrative News Update, Government Affairs News Update, Land Development News Update, Publications: [COVID Legal Compass | Edition 21](#)**

Stearns Weaver Miller News Update | September 2020

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**COVID News Update, Government & Administrative News Update, Government Affairs News Update, Land Development News Update, Publications: [COVID Legal Compass | Edition 20](#)**

Stearns Weaver Miller News Update | September 2020

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**COVID News Update, Government & Administrative News Update, Government Affairs News Update, Land Development News Update, Publications: [COVID Legal Compass | Edition 19](#)**

Stearns Weaver Miller News Update | September 2020

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**COVID News Update, Government & Administrative News Update, Government Affairs News Update, Land Development News Update, Publications: [COVID Legal Compass | Edition 18](#)**

Stearns Weaver Miller News Update | August 2020

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**COVID News Update, Government & Administrative News Update, Government Affairs News Update, Land Development News Update, Publications: [COVID-19 Legal Compass | Edition 16](#)**

Stearns Weaver Miller News Update | July 2020

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**COVID News Update, Government & Administrative News Update, Government Affairs News Update, Land Development News Update, Publications: [COVID-19 Legal Compass | Edition 15](#)**

Stearns Weaver Miller News Update | July 2020

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**COVID News Update, Government & Administrative News Update, Government Affairs News Update, Land Development News Update, Publications: [COVID-19 Legal Compass | Edition 14](#)**

Stearns Weaver Miller News Update | June 2020

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**COVID News Update, Government & Administrative News Update, Government Affairs News Update, Land Development News Update, Publications: [COVID-19 Legal Compass | Edition 13](#)**

Stearns Weaver Miller News Update | June 2020

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**COVID News Update, Government & Administrative News Update, Government Affairs News Update, Land Development News Update, Publications: [COVID-19 Legal Compass | Edition 12](#)**

Stearns Weaver Miller News Update | June 2020

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**Land Development News Update, Publications: [Opportunities Ahead as Florida Prepares for Three New Tollways](#)**

Stearns Weaver Miller News Update | May 2019

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**Land Development News Update, Publications: [What Have We Learned After Two Years of Reporting Under Florida's Public Notice of Pollution Act?](#)**

Stearns Weaver Miller News Update | April 2019

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**Land Development News Update, Publications: [What's Developing | Spring 2019](#)**

Stearns Weaver Miller News Update | April 2019

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**Land Development News Update, Publications: [Why Developers and Landowners Should Engage in the U.S. Census Bureau's Designation of Places and Census Tracts Over the Next Three Months](#)**

Stearns Weaver Miller News Update | February 2019

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**Land Development News Update, Publications: [What's Developing | Summer 2018](#)**

Stearns Weaver Miller News Update | September 2018

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**Land Development News Update, Publications: [Qualified Opportunity Zones](#)**

Stearns Weaver Miller News Update | August 2018

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**Land Development News Update, Publications: [What's Developing | Fall 2017](#)**

Stearns Weaver Miller Update | December 2017

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## NEWSROOM

**Firm Announcements: [Stearns Weaver Miller's In-House Geographic Information System \(GIS\) Capabilities Enhanced with New Analyst](#)**

| December 2021

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**Firm Announcements: [New Faces at our Tampa Office](#)**

| August 2015

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**Firm Announcements: [Stearns Weaver Miller Continues Expansion of Statewide Land Development, Zoning & Environmental Team](#)**

| June 2015

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## EDUCATION

B.S., Geological Science, Florida State University