

# NICOLE CASTRO

Founder / Principal GIS Consultant | Right-Click GIS Maps, LLC  
Certified WOSB | MA SDO WBE | GSA MAS Contract Holder

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🌐 www.rightclickgis.com  
📍 Osprey, FL 34229

NAICS 541370GIS | Geographic Information Systems (GIS) | Geospatial Analysis & Mapping

## FIRM & PROFESSIONAL PROFILE

Right-Click GIS Maps, LLC is a certified Woman-Owned Small Business (WOSB) established June 2022. Nicole Castro, founder and principal GIS consultant, brings over 20 years of GIS and environmental consulting experience with a Master of Science in GIS.

The firm specializes in geospatial analysis for engineering, environmental, and infrastructure projects—delivering precise, regulatory-ready GIS products that support planning, permitting, compliance, and decision-making. Nicole provides direct, hands-on involvement in all projects, ensuring accuracy and quality on every deliverable.

Right-Click GIS routinely collaborates with environmental consultants and engineers to develop geodatabases, interactive web maps, and mapping products directly aligned with GIS project scopes.

## RELEVANT GIS CAPABILITIES

- Geospatial analysis and GIS project support for engineering and environmental applications
- Development and management of geodatabases integrating multi-source spatial datasets
- Prepare cartographic map presentations and map books
- Produce interactive ArcGIS Online (AGOL) web maps
- Infrastructure siting, corridor analysis, and vulnerability assessments (wetlands, flood zones, coastal resources)
- Integration of LiDAR, topographic data, roads, bridges, culverts, and hydrologic features
- GIS support for regulatory permitting, environmental impact assessments, and petition filings
- On-call GIS services for AI-based asset management systems (water/wastewater utilities)
- Municipal GIS services: forest inventories, natural resource inventories, comprehensive plan mapping
- Climate resilience and infrastructure vulnerability mapping
- Troubleshoot data issues, deliver workflow training, and implement GIS solutions to support project execution
- Data conversion across formats (GPS, CAD, KMZ, CSV) for GIS integration
- Utilize Python (arcpy), Arcade, and VBScript to automate spatial analysis, perform data transformations, and customize GIS applications

## EDUCATION

### M.S. Geographic Information Systems

Central Connecticut State University | 2009

### B.S. Environmental Geography

Central Connecticut State University | 2003

## CERTIFICATIONS & STATUS

- Woman-Owned Small Business (WOSB) State of Florida and Federal (GSA MAS Contract: 47QRAA25D007R)
- MA SDO Women Business Enterprise (WBE)
- ArcGIS / ArcGIS Online (AGOL)

## SOFTWARE & TOOLS

- Esri ArcGIS Pro / ArcMap
- ArcGIS Online (AGOL) & ArcGIS StoryMaps
- LiDAR processing & analysis
- Geodatabase design & management
- Spatial data integration & conversion

## PROJECT SECTORS

- Electric Utility & Transmission
- Water & Wastewater Infrastructure
- Municipal Planning & Land Use
- Environmental Permitting
- Climate Resilience & Hazard Mitigation

## GOVERNMENT CONTRACTING

**UEI:** ZT9BN7TB17D9

**CAGE:** 9DPC6

**GSA MAS:** 47QRAA25D007R

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## REPRESENTATIVE GIS PROJECTS

### **Voda.ai — AI-Driven Asset Management GIS Support** | May 2025 – Ongoing

*On-call GIS specialist for a Boston-based firm providing AI-driven asset management solutions for water and wastewater utilities. Responsibilities include spatial data integration, infrastructure mapping, and geospatial analysis in support of engineering asset management workflows.*

### **Eversource Energy — Utility Corridor GIS & Environmental Mapping/Permitting** | Ongoing

*GIS data development and mapping support for multiple high-voltage substation, transmission line, and distribution line projects in Connecticut, including petition filings, environmental assessments, and regulatory review.*

### **Town of Washington, CT — POCD Natural Resources Mapping** | 2025

*Produced geospatial analyses and resource maps for the 2025 Natural Resources Inventory Report supporting the Plan of Conservation and Development (POCD) — a comprehensive municipal planning deliverable.*

### **Town of Glastonbury, CT — Municipal Forest Inventory & Assessment** | November 2024

*Developed GIS datasets and mapping products to support a municipal forest inventory, management, and planning initiative. Delivered an interactive ArcGIS Online (AGOL) web map for public and staff use.*

### **Stormwater & Construction Compliance Mapping** | Ongoing

*Developed Stormwater Pollution Prevention Plans (SWPPP) and construction compliance maps for private sector clients. GIS products support site inspections, regulatory submissions, and environmental monitoring.*

### **Renewable Energy Siting & Environmental GIS** | Ongoing

*Provided geospatial analysis and environmental screening for renewable energy project siting, including habitat assessments, wetland delineation mapping, and regulatory constraint layer development.*

### **Municipal Comprehensive Plan GIS Support** | Ongoing

*Supports Connecticut municipalities with GIS data development, cartographic products, and web mapping for comprehensive planning, zoning analysis, natural resource inventories, and trail network mapping.*