SYNTHOS LLC

CUSTOM SOLUTIONS USING A FLEXIBLE, CREATIVE APPROACH

Key Offerings, Skills and Capabilities

Geographic Information Systems (GIS) & Mapping

- GIS Consulting Services, Mapping and GIS Services.
- GIS Data Creation and Editing.
- Full Life Cycle GIS Project Development.
 - · Needs assessment and planning.
 - Data collection and fieldwork (GPS, Field mapping, Web research, research sources, etc).
 - Data import, cleanup, verification, manipulation, file conversion, documentation.
 - Project setup, Data Management, Statistical and Spatial Analysis, Map creation, Graphics, Map Export, Web Maps.
 - Raster analysis, modeling, Decision Support.
 - · Final Reports and FGDC Compliant Metadata.
- Custom Scripting, Python, Custom Interfaces, Multimedia embedding.
- Map Books, CAD to GIS Conversions, Volumetric calculations.
- Expert in ESRI ArcGIS Suite of products, Spatial Analysis, ArcGIS Pro.

GPS/GNSS Data Collection and Survey (Global Positioning System/Global Navigation Satellite Systems)

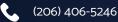
- Trimble and US NGS trained.
- Expert knowledge of Mapping Grade and Survey Grade GPS Systems.
- Trimble Business Office, Trimble Pathfinder Office, TerraSync.
- Experienced with a variety of Trimble GPS/GNSS Receivers, procedures, field techniques, and problem solving. Real Time (Rtk, Rapid Static, and Post Processed.

Client Support Services

- Understand client needs and design GIS applications in accordance
- · Analyse end user issues and provide solutions
- · Create demos and guides to explain GIS application use to customers
- · Provide maintenance and support of GIS applications and mapping systems
- Assist in quality assurance checks on GIS system and recommend updates or new techniques when applicable
- Data entry, conversion, and maintenance
- Recommend alternative and/or specialized Software and Hardware as appropriate.
- · GIS and GPS Customized Training, demos, and mentoring.

Tom Simon, M.S. Geography I President

Kurrent Clients: tom@tomjsimon.com



in

https://www.linkedin.com/in/tom-simon-95626a55/

Synthos Strategic Partners

SYNTHOS

We partner with companies and individuals who provide specific expertisein various fields that compliment and enhance our GIS suite of services. Through our Partners we offer:

- Custom Scripting, Python, Custom Interfaces, Multimedia embedding.
- ESRI product custom scripting and customization.
- Website mapping interfaces for computer and smart phone access.
- Custom Smartphone App development.
- We interface with and include various data formats including:
 - Satellite and, Aerial Imagery, Drone/UAV Imagery.
 - Multi-Spectral Imagery: Various Formats.
 - LIDAR, GPR (Ground Penetrating Radar.

Industries Served I A partial list:

- Environmental investigation, assessment, rehabilitation & restoration.
- · Facility and Asset Management.
- Utilities: Electrical, Gas, Water,
- infrastructure and operations.Federal and State Government.
- Wholesale, Retail, and Non-Profits: Site selection, specialty mapping.
- Energy Sector: Wind, mining, networks.
- Emergency Preparedness and Response.
- Marine Research, Resource Management.
- Recreation: Campgrounds, Natural areas, attractions.
- Cemeteries, Religious and Social Justice organizations.
- Schools and School Districts: Demographics, Marketing, Planning.
- Indian Tribes/First Nations/Indigenous communities.

9	12023-B 12th Ave NE Seattle, WA 98125, USA
	www.SynthosLLC.com
\succ	SynthosLLC@gmail.com
٩.	(206) 519-8087
in	https://www.linkedin.com/company/367810

SYNTHOS LLC

GPS, GIS, Mapping, & Analysis Solutions

* For US Federal Clients

Gov. Business POC I Tom Simon, M.S. www.SynthosLLC.com

(206) - 519 - 8087

SynthosLLC@gmail.com

12023-B 12th Ave. NE Seattle, WA 98125

NE **9**

Cage Code: 789F1 DUNS #: 002671422

Capability Statement

Synthos is an agile and responsive solutions provider for all your GIS and mapping-related needs. Synthos offers comprehensive GIS mapping and data management services for a variety of clients and market sectors. We offer consultation on the wide variety of data collection, mapping and GIS options available, and suggest the most appropriate and cost efficient solutions for each client's need.



Core Competencies:

Geographic Information Systems I GIS

- Project planning and setup
- Data conversion and integration
- Mapping and analysis
- GIS data geo-processing
- $\boldsymbol{\cdot}$ Map production and reporting

GPS/GNSS Mapping

- Mapping and survey grade
- Field data collection
- Data processing
- Accurate data collection and QA/QC
- Experience working in remote locations

Project Management and Technical Support

- Defining project scope and cost estimates
- Set clear expectations
- Software needs assessment and consulting
- Coordinate with other contractors and stakeholders
- Environmental project support
- Multi-dimensional, focus on combining diverse tools and approaches.

Key Personnel:

Tom Simon, M.S. Geography

- 20+ years in the GIS field, serving Federal Clients
- Expert GPS and GIS problem solving skills
- Specialize in data conversions and working with non-standard data
- · Energetic, "can do" attitude, collaborative approach
- Experience with Native American/First Nations communities

Zita Simon, B.S. Mathematics

- Project Oversight and Management
- 20+ years professional QA/QC experience
- Software Engineer
- · Expert database and spreadsheet developer

Past Performance:

- NOAA Pribilof Islands Environmental Restoration Project
- NOAA Environmental Compliance Support
- NOAA Environmental Management Systems
- BLM Transportation Management Plan
- Street light energy upgrade mapping support
- EPA Superfund Site mapping support

NAICS Codes:

541370: Surveying and Mapping Services 541620: Environmental Consulting Services 541720: Research and Development: Social Sciences 541990: Other Professional, Scientific, and Technical Services 562910: Remediation Services

Product Service Codes:

7643: Topographic Maps, Charts, and Geodetic Products 7644: Digital Maps, Charts, and Geodetic products F112: Environmental Systems Protection - Oil Spill Response TOO2: Cartography Services TOO4: Charting Services B510: Special Studies/Analysis-Environmental Assessments Special B520: Studies/Analysis-Grazing/Range B524: Mathematical/Statistical Analyses B525: Natural Resource Studies B526: Special Studies/Analysis - Oceanological B527: Recreation Studies B599: Other Special Studies and Analyses