

Anthony F. Pappas, CF, RPF

Owner, Lead Consultant

- **B.S. in Forest Resources Management**, West Virginia University
- **Ducks Unlimited**; *Ohio State Campaign Committee Volunteer*
- **FAA Licensed Drone Pilot**
- **FCC Amateur Radio**; *KF8FIZ*
- **Registered Professional Forester**; *Arkansas (#1536), West Virginia (#805)*
- **Society of American Foresters**; *Certified Forester #35802*
- **US Department of Agriculture, Natural Resources Conservation Service**; *Technical Service Provider #20-23162 (KY, OH, PA, WV)*
- **West Virginia Land & Mineral Owners Association**; *Membership Committee Chairman*
- **West Virginia University, Davis College School of Natural Resources**; *Life Alumni Association Member*

Anthony F. Pappas, a Society of American Foresters (SAF) Certified Forester (CF) and a Registered Professional Forester (RPF), is the founder of Heritage Habitat & Forestry, LLC and a strategic natural resources manager with over a decade of comprehensive experience. Anthony is the architect of the firm's "Data-to-Ground" methodology, an approach that systematically validates advanced geostatistical models with rigorous, on-the-ground fieldwork.

A graduate of West Virginia University's forestry program (B.S., Magna Cum Laude) and currently pursuing an M.S. in Forestry with a Graduate Certificate in GIS and Spatial Analysis, Anthony specializes in the complex computational analysis essential for modern natural resource challenges. His expertise includes leveraging Bayesian statistics and machine learning algorithms (e.g., MaxEnt, Random Forest) to model carbon sequestration dynamics across vast landscapes, integrating large-scale datasets such as FIA to drive predictive accuracy.

As the leader of an integrated ecological consultancy firm, Anthony translates this sophisticated data into measurable outcomes for clients across the country. He created the firm's geospatial arm – HH&F Geospatial & Data Solutions – which utilizes LiDAR, hyperspectral imagery, drone analysis, and artificial intelligence to conduct high-resolution terrain and vegetation analyses, modeling critical variables such as soil characteristics, elevation, and slope to predict carbon storage and optimize ecological health. The ecosystem analytical arm – Heritage Ecosystem Partners – provides critical validation and verification services for leading global carbon developers. His direct experience includes overseeing initial plot installation, five-year remeasurements, and field audits essential for GHG inventories and project verification.

By authoring over 500 forest management plans, he ensures that all on-the-ground activities are optimized to serve the critical nexus of geospatial data, ecological health, and financial returns, securing long-term value and sustainability for clients across more than 20 states. By applying these advanced analytical capabilities to ecological management, Mr. Pappas ensures that every strategic decision is rooted in a powerful combination of scientific integrity and practical, real-world application.