

Cole Palmer

Ecologist



Expertise

Wetland Ecology & Delineation

Wildlife Ecology

Florida Native Plant Ecology

Education

B.S., Environmental Science and Policy, University of South Florida, 2012

Certifications

FWC Authorized Gopher Tortoise Agent GTA-14-00016

SWFWMD Wetland Assessment Procedure (WAP), 2014

FDEP Qualified Stormwater Management Inspector 2014

US Department of Labor MSHA 30 CFR Part 46 and Part 48 Certifications

FAESS Hydric Soils Workshop Certificate of Attendance 2014

Memberships & Affiliations

Tampa Bay Association of Environmental Professionals (TBAEP) Member

Cole Palmer has a diverse background in environmental science, specializing in Florida's unique upland and wetland plant communities. He has experience with wetland monitoring and compliance, wetland delineation, environmental assessments, and wildlife surveys. Cole has worked with the Florida Fish and Wildlife Conservation Commission (FWC) and Florida Forestry Service performing land management and work contributing to the conservation of red cockaded woodpeckers. Cole has also completed the US Department of Labor Mine Safety and Health Administration (MSHA) training.

WELLFIELD MONITORING

Ecologist – Morris Bridge Wellfield Hydrological and Ecological Monitoring Program, Hillsborough County, Florida

Performs the ecological monitoring program developed for the Morris Bridge Wellfield. Services have included assisting in quantitative and qualitative monitoring of vegetative changes (Wetland Assessment Procedure, WAP), and assessment of wetland condition.

WETLAND MONITORING & PERMITTING

Ecologist – Red-Cockaded Woodpecker Conservation- Florida Fish and Wildlife Conservation Commission (FWC)

Assisted in the conservation of Florida's red-cockaded woodpecker populations through land management practices and nest surveys.

Ecologist – Wetland Monitoring & Compliance, Central Florida

Assisted in the determination of wetland delineations, vegetation monitoring, soil sample collection, planting oversight, and site visits to determine permit compliance of wetland mitigation areas throughout Central Florida.

Ecologist – Substation and Transmission Line, Throughout Florida

Provided site assessments, wetland delineations, general and species-specific listed species surveys, U.S. Fish and Wildlife Service (FWS) and FWC listed species permitting, listed species relocations, and permit compliance monitoring for several substations and transmission lines in Florida.

WILDLIFE ECOLOGY

Ecological Specialist – Gopher Tortoise Surveys and Relocations, Throughout Florida

Surveyed, excavated and relocated gopher tortoises and gopher tortoise burrow commensals to on-site and off-site recipient sites as an assistant to a FWC Authorized Gopher Tortoise Agent in preparation for GTA permit.

Ecological Specialist – Eastern Indigo Snake Surveys, Central Florida

Assisted in performing pedestrian surveys for Eastern Indigo Snakes (EIS) on over 2,000 acres of suitable habitat in Pasco County, Florida and assisted handler with the utilization of trained dogs in examining previously marked above ground and below surface refugia.

Ecological Specialist – Osprey Monitoring, Throughout Florida

Monitoring and photo documentation of osprey nests on a cell towers and transmission line structures throughout Florida to determine nest occupancy before maintenance could be undertaken.

Ecological Specialist – Florida Scrub Jay Survey and Monitoring, Central Florida

Surveyed Florida Scrub Jay habitat and monitored active sites in Volusia County and Citrus County according to the U.S. Fish and Wildlife Service protocol.