

DAVID A. FOX, Ph.D.
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PROFESSIONAL GOALS

After a rewarding thirty-year career in public and private forestry, I returned to academia in pursuit of a PhD. In order to leverage my diverse professional experiences, I envision my “encore career” will focus on teaching and mentoring the next generation of natural resource managers at the university level.

EDUCATION

2015	Ph.D. Forest Resources and Conservation , Univ. of Florida, Gainesville, FL
1978	Master of Forestry (Forest Soils), Duke University, Durham, NC
1977	Bachelor of Arts in Geology , Thiel College, Greenville, PA

PROFESSIONAL EXPERIENCE

2022- Present	Lecturer (Adjunct) University of Florida, School of Forest Resources and Conservation, Gainesville, Florida Currently teaches Urban Forestry and Forest Resource Information Systems. Provides geographic information services (GIS) to the manager of Austin Cary Forest (UF-owned research forest).
2016- 2022	Lecturer University of Florida, School of Forest Resources and Conservation, Gainesville, Florida Taught Urban Forestry and Forest Resource Information Systems, Mensuration, and Forest Conservation and People. Developed and taught the course Florida Forest Communities. Assisted in teaching Dendrology, Natural Resource Sampling, Foundations in Natural Resource Management, Fire Ecology, and Silviculture. Provided geographic information services (GIS) to the manager of Austin Cary Forest (UF-owned research forest). Co-PI for City of Gainesville ECO urban forest research study.
2010- 2015	Ph.D. Candidate/Graduate Assistant University of Florida, School of Forest Resources and Conservation, Gainesville, Florida Dissertation: <i>Sabal palmetto: Investigating the Ecological Importance of Florida's State Tree</i> . Assisted in research and teaching with Dr. Michael Andreu, Advisor Assisted in teaching Forest Resource Information Systems, Natural Resource Sampling, and Forest Conservation and People. Provided geographic information services (GIS) to the manager of Austin Cary Forest (UF-owned research forest).

1995-
2010

Technical Services Manager, Senior Forester

Natural Resource Planning Services, Inc., Gainesville, Florida

Managed and maintained company computer network and geographic information services (GIS) department. Specialized in vegetation mapping and aerial photograph interpretation for land management. Developed the urban tree management software *SilviBASE* and coordinated all urban forest inventory projects. Participated in professional service activities including forest inventory, prescribed burns, timber sales, and general forest management.

1990-
1995

Vice President of Environmental Services

Forest Resources Management, Inc., Ft. Myers, Florida

Prepared all land management maps within the company. Assisted in preparation and planning for prescribed burning of rural forest properties. Prepared and implemented rural forest management plans.

Served as principal urban forester for the company. Designed the database for and participated in nearly 20 urban tree inventories throughout the southeast. Revised and updated *Recommended Trees for Lee County*, a Lee County Extension publication and urban tree planting zone map.

1985-
1990

Environmental Consultant

W. Dexter Bender & Associates, Fort Myers, Florida

Conducted over two hundred vegetation studies in South Florida. Established computer-aided drafting system and drawing/mapping standards for the company. Designed wetland mitigation projects including monitoring plans. Participated in wetland delineation, development permitting, wetland monitoring data collection and analysis.

1981-
1985

Forester

Florida Division of Forestry

Pine Reforestation Initiative Project (PRIP) Forester

Blountstown, Florida. Assisted the county forester by contacting landowners and writing forest economic analyses to encourage tree planting and timberland management.

Lee County Urban Forester

Fort Myers, Florida. Provided private land management assistance, environmental education and urban forestry assistance to local governments and private individuals. Wrote the technical components of Fort Myers Tree Protection Ordinance. Prepared a tree canopy analysis for City of Fort Myers. Wrote Lee County Extension publication *Recommended Trees for Lee County*.

1977

Student Research Assistant, Duke University

Assisted in data collection for long-term gauged watershed monitoring project and Masters research project data collection on Santee Experimental Forest, Francis Marion National Forest, Berkeley County, South Carolina

WORKSHOP AND CONFERENCE PRESENTATIONS

- 2019 *Could Sabal palmetto be the ideal Florida urban tree?* Florida ISA “Trees Florida” conference, Fort Lauderdale, June 2019
- 2018 *Urban Ecology, Ecosystem Services & Disturbance.* Florida ISA “Roots to Shoots” Workshop, Pinellas County Extension. January 2018
- 2016 *Practical Palm ID and Selection.* Florida ISA workshop, Orange County Extension, September 2016
- 2014 *The Importance of Sabal palmetto biomass in Florida Forests.* School of Forest Resources and Conservation graduate research symposium. April 2014
- 2013 *The Importance of Sabal palmetto.* Big Cypress Research Symposium, Naples, FL. November 2013
- 2011 *Ecological Knowledge Gaps of Sabal palmetto.* Sabal palm symposium, Tampa Bay Urban Forest Working group, Hillsborough County Extension, November 2011

PUBLICATIONS

- 2015 *Sabal palmetto: Investigating the Ecological Importance of Florida’s State Tree.* Ph.D. dissertation, University of Florida School of Forest Resources and Conservation, Gainesville, FL.
- 2012 *Sorting out the Florida Sabal palms.* FOR289, Electronic Data Information Source (EDIS) of UF/IFAS Extension.
- 1990 *Recommended Trees for Lee County.* Lee County, FL Extension publication.
- 1978 *Weight estimation and macronutrient content of six understory species of the South Carolina Coastal Plain.* Unpublished Masters Project, Duke University School of Forestry and Environmental Management (now Nicholas School of the Environment), Durham, NC.

EDUCATION COURSES COMPLETED

- Summer 2013 **Designing Educational Programs in Agricultural Settings.** University of Florida AEC6210. Final Grade: A
Instructional design project: Undergraduate class “Identifying Trees of Florida”

LICENSES AND CERTIFICATIONS

Professional:

Certified Arborist : International Society of Arboriculture #FL-6058A

PROFESSIONAL SOCIETIES AND ORGANIZATIONS

Society of American Foresters – Suwannee Chapter member
Florida Urban Forestry Council – member of Executive Committee
International Society of Arboriculture – Florida Chapter member