

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

2016- Present	Lecturer/Research Associate (Full-time) University of Florida, School of Forest Resources and Conservation, Gainesville, Florida Currently teaching Urban Forestry and Forest Resource Information Systems. Developed and taught the course Florida Forest Communities. Assisted in teaching Dendrology, Natural Resource Sampling, Foundations in Natural Resource Management, Fire Ecology, Silviculture, and Forest Conservation and People. Provides 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

TEACHING EXPERIENCE

Spring 2017

Urban Forestry. University of Florida FOR4090C.

Developed syllabus and all course materials in course management software (Canvas). Presented lectures, organized field trips and labs, set up guest lecturers, and proctored student assessments.

- Summer 2017* **Forest Resource Information Systems.** University of Florida FOR 3434C. Introductory GIS course for natural resource and forestry students focusing on field techniques linked to software use.
- Spring 2017* **Urban Forestry.** University of Florida FOR4090C. Survey course of urban forestry and arboricultural topics relating to ecosystem services and management of the urban forest.
- Spring 2017* **Fire Ecology.** University of Florida FOR 3214. Instructor: Dr. Raelene Crandall. Teaching Assistant. Assisted in field labs.
- Spring 2017* **Silviculture.** University of Florida FOR 3162. Instructor: Dr. Eric Jokela. Teaching Assistant. Assisted in assignment/exam grading and in field labs.
- Fall 2016* **Dendrology.** University of Florida FOR 3131. Assisted instructor Dr. Michael Andreu. Created online content, presented selected lectures, and graded assignments and assessments.
- Fall 2016* **Florida Forest Communities.** University of Florida FOR 4934. Co-instructor with Dr, Michael Andreu. Created all online content, assisted in course design, presented selected lectures, and coordinated field trips.
- Summer 2-016* **Foundations in Natural Resource Management.** University of Florida FOR 3200. Co-instructor with Dr. Tim Martin. Presented selected lecture, organized field trips and guest speakers, created and graded student assessments.
- Spring 2016* **Urban Forestry.** University of Florida FOR4090C. Developed syllabus and all course materials in course management software (Canvas). Presented lectures, organized field trips and labs, set up guest lecturers, and proctored student assessments.
- Fall 2015* **Florida Forest Communities.** University of Florida FOR 4934. Co-instructor with Dr, Michael Andreu. Refined syllabus and created all online content in course management software (Canvas). Coordinated field trips and presented selected lectures.
- Spring 2015* **Integrated Natural Resource Management.** University of Florida FNR 4623. Took over class for last few weeks during an extended absence of the professor. Guided students through their final projects and presentations in this capstone course.
- Fall 2014* **Florida Forest Communities.** University of Florida FOR 4934. Created a new dendrology-focused course for non-forestry majors. Developed syllabus, created all online content including recorded lectures and tree identification resources in course development software (Canvas), coordinated field trips, presented lectures, created and proctored student assessments, and assisted students during office hours.
- Fall 2014* **Forests, Conservation, and People.** University of Florida FOR 3004. Instructor: Dr, Michael Andreu. Teaching Assistant. Helped update course outline, developed and managed all on-line content through course delivery web site (Sakai), developed teaching modules and examinations, designed field exercises, set up field trips, presented lectures, graded written assignments, and assisted students during office hours.
- Summer 2014* **Forest Resources Information Systems.** University of Florida FOR 3434.

- Instructor: Dr. Amr Abd-Elrahman. Teaching Assistant. Assisted in updating course design, lectured, and assisted in field labs.
- Fall 2013* **Forests, Conservation, and People.** University of Florida FOR3004.
Instructor: Dr, Michael Andreu. Teaching Assistant. Helped update course outline, managed on-line course delivery web site (Sakai), developed teaching modules and examinations, designed field exercises, set up field trips, presented lectures.
- Summer 2013* **Forest Resources Information Systems.** University of Florida FOR 3434.
Instructor: Dr. Amr Abd-Elrahman. Teaching Assistant. Assisted in updating course design, lectured, and assisted in field labs.
- Fall 2012* **Forest Ecology.** University of Florida FOR3153C.
Instructor: Dr. Stephanie Bohlman. Drove lab van and assisted students during field labs.
- Fall 2012* **Forests, Conservation, and People.** University of Florida FOR3004.
Instructor: Dr, Michael Andreu. Teaching Assistant. Helped update course outline, managed on-line course delivery web site (Sakai), developed teaching modules and examinations, designed field exercises, set up field trips, presented lectures.
- Summer 2012* **Geographic Information Systems.** University of Florida SUR3393.
Instructor: Dr. Scot Smith. Designed and conducted live on-line guided lab sessions using Adobe Connect.
- Summer 2012* **Forest Resources Information Systems.** University of Florida FOR 3434.
Instructor: Dr. Amr Abd-Elrahman. Teaching Assistant. Assisted in design and conduct of field labs.
- Spring 2012* **Urban Forestry.** University of Florida FOR4090C.
Instructor: Dr. Francisco Escobedo. Guest lecturer on urban forest inventory experiences.
- Fall 2011* **Forest Ecology.** University of Florida FOR3153C.
Instructor: Dr. Wendell Cropper. Drove lab van and assisted students during field labs.
- Fall 2011* **Forests, Conservation, and People.** University of Florida FOR3004.
Instructor: Dr, Michael Andreu. Teaching Assistant. Helped create course outline, managed on-line course delivery web site (Sakai), developed teaching modules and examinations, designed field exercises, set up field trips, presented lectures.
- Fall 2010* **Natural Resource Sampling.** University of Florida FNR3410C.
Instructor: Dr. Michael Andreu. Teaching Assistant. Helped create course outline, developed teaching modules and examinations, designed lab exercises, presented lectures.

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”

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.

LICENSES AND CERTIFICATIONS

Professional:

- Certified Forester : Society of American Foresters #919
- Certified Arborist : International Society of Arboriculture #FL-6058A
- Certified Burn Manager : Florida Division of Forestry #19911653
- Certificate in Natural Areas Management : TNC Natural Areas Training Academy
- Certificate in Urban Forest Planning, Management & Policy : Urban Forestry Institute,
Univ. of Florida

PROFESSIONAL SOCIETIES AND ORGANIZATIONS

- Society of American Foresters
- International Palm Society
- Florida Urban Forestry Council
- International Society of Arboriculture