

3:00-7:00

Monday, August 22: registration/badge pickup and sponsor setup only (no programming)

Tuesday, August 23 (registration desk and badge pickup open from 7:00am until 3:30pm)

Pesticides and safety (FDACS 33085)			
7:50-8:00	Welcome and introduction to the Short Course	Lyn Gettys	
8:00-8:50	Interpreting pesticide labels	Carlton Layne	
8:50-9:15	Understanding auxin herbicides	Neil Richmond	
9:15-9:40	Occupational HAB exposures and how to protect yourself	Rick Clark	

Refreshments and networking break			
Label updates (FDACS 33086)			
10:00-10:25	Label updates from UPL	TBA	
10:25-10:40	Label updates from Syngenta	Wykle Greene	
10:40-10:55	Label updates from BioSafe	Tom Warmuth	
10:55-11:10	Label updates from Biosorb/TopFilm	Lucia Marshall	
11:10-11:25	Label updates from SePRO	video	
11:25-11:40	Project updates from Sea and Shoreline	Carter Henne	
11:40-11:50	Label updates from Helena	James Boggs	

Lunch on your own			
More about pesticides (FDACS 33087)			
1:00-1:50	Pesticide exposure and using PPE to mitigate risk	Brett Bultemeier	
1:50-2:15	Answering common questions about resource management	Jay Ferrell	
2:15-2:40	Integrating biocontrol to reduce pesticide usage	Carey Minter	

Refreshments and networking break			
New technologies for weed control (FDACS 33088)			
3:00-3:25	Using GIS software for herbicide application tracking and habitat management	Chris Kelly	
3:25-3:50	Spray tracker technology for aquatic plant management	Alex Dew	
3:50-4:15	Utilizing drone technology in aquatic plant management	Jason Cull	
4:15-4:40	Maintaining professionalism as a certified pesticide applicator	Carlton Layne	

4:40 **End of Tuesday sessions**
5:00-7:00 **Welcome social**

Each session has been approved for two CEUs by FDACS!
Color key to FDACS-approved CEUs

GOLD	482/487 General Standards/Core
BLUE	Aquatic, Demo & Research, Private
GREEN	Private, Ag Row, Ag Tree, Demo & Research, Forestry, Natural Areas, Ornamental & Turf, Right-of-Way, Limited Landscape Maintenance, Limited Lawn & Ornamental, Commercial Lawn & Ornamental
GREY	Any Category listed in BLUE and GREEN above

Calibration and calculations (FDACS 33090)		
1:00-2:40	Calibration and calculations	Ky Sales

Refreshments and networking break		
Core/general standards exam prep (FDACS 33089)		
3:00-4:40	Core/general standards exam prep	Michelle Atkinson

2022 UF/IFAS Aquatic Weed Control Short Course Agenda



AQUATIC WEED CONTROL
Short Course

Wednesday, August 24 (registration desk and badge pickup open from 7:00am until 3:30pm)

Aquatic topics (FDACS 33096)			
8:00-8:50	Lakes from space: Enhancing aquatic plant management with satellite remote sensing	James Leary	
8:50-9:15	<i>Nymphaeoides</i> of Florida: Identification and response to herbicides	Ian Markovich	
9:15-9:40	In-water treatment for floating plant management	Kelli Gladding	

Refreshments and networking break			
More aquatic topics (FDACS 33097)			
10:00-10:50	Water chemistry, aquatic plants, fish, wildlife and finally hydrilla	Mark Hoyer	
10:50-11:15	Exotic island apple snails and Kissimmeegrass	Kyle Thayer	
11:15-11:40	Foliar herbicide applications	Ben Sperry	

Lunch on your own			
Still more aquatic topics (FDACS 33098)			
1:00-1:25	Identification of submersed aquatic vegetation	Kyle Thayer	
1:25-1:50	Identification of wildflowers in Florida wetlands	Joey Sigmon	
1:50-2:40	Kill the weeds, not the fish!	Chuck Cichra	

Refreshments and networking break			
Aquatic biocontrol (FDACS 33099)			
3:00-3:25	Biological control of waterhyacinth: Community effects of an integrative approach	Melissa Smith	
3:25-3:50	<i>Pistia</i> (waterlettuce) biocontrol: Where it's been, where it's going	Allen Dray	
3:50-4:15	Biocontrol of feathered mosquitofem (<i>Azolla pinnata</i>)	Seth Farris	
4:15-4:40	Overview of biological control agents for <i>Salvinia minima</i> and <i>Salvinia molesta</i>	Joey Sigmon	

4:40 **End of Wednesday sessions**

Upland topics (FDACS 33100)		
8:00-8:50	Revisiting modified hack and squirt tools and techniques for woody plant control	Stephen Enloe
8:50-9:15	Triclopyr use in upland settings: Overcoming triclopyr confusion	Conrad Oberweger
9:15-9:40	Melaleuca management in the Florida Everglades: Looking back and moving forward	LeRoy Rodgers

Refreshments and networking break		
More upland topics (FDACS 33101)		
10:00-11:40	Herbicides 101 – Integrating chemical control in upland plant management	Greg MacDonald and Stephen Enloe

Lunch on your own		
Still more upland topics (FDACS 33102)		
1:00-1:25	TBA	Ian Markovich
1:25-1:50	Integrating fire, chemical and mechanical treatments for monotypic napiergrass stands	Christen Mason
1:50-2:40	Controlling small-leaf spiderwort (<i>Tradescantia fluminensis</i>) with herbicides	Chris Marble

Refreshments and networking break		
Upland biocontrol (FDACS 33103)		
3:00-3:25	Brazilian peppertree biocontrol	Dale Halbritter
3:25-3:50	Biological control of Chinese tallow in the Southeastern US is about to become a reality	Greg Wheeler
3:50-4:15	Assessing establishment and efficacy of <i>Lilioceris cheni</i> in the field	Emily Kraus
4:15-4:40	TAME Melaleuca: The Areawide Management and Evaluation of <i>Melaleuca quinquenervia</i>	Ken Gioeli

Natural areas exam prep (FDACS 33104)		
8:00-9:40	Natural areas exam prep	Michelle Atkinson

Refreshments and networking break		
Right-of-way exam prep (FDACS 33105)		
10:00-11:40	Right-of-way exam prep	Michelle Atkinson

Lunch on your own		
Aquatic exam prep (FDACS 33106)		
1:00-2:40	Aquatic exam prep	Susan Haddock

Refreshments and networking break		
Aquatic exam math review (33107)		
3:00-4:40	Aquatic exam math review	Susan Haddock

Thursday, August 25 (registration desk and badge pickup open from 7:00am until 10:00am)

Weed management updates and resources (FDACS 33214)			
8:00-8:25	Cooperative UF/USACE research updates	Mike Durham	
8:25-8:50	FWC: Florida's invasive plant management program: Update 2022	Matt Phillips	
8:50-9:15	SFWMD: GIS tools to manage invasive plants in the Everglades	Ellen Allen and Amy Peters	
9:15-9:40	SFWMD: SCADA vegetation management	Jake Thayer	

Refreshments and networking break			
More weed management updates and resources (FDACS 33108)			
10:00-10:25	USACE integrated pest management updates on Lake Okeechobee	Skippy Fair	
10:25-10:50	CAIP Information Office updates	Raychel Rabon	
10:50-11:15	A brave new world, updates from the PIO	Brett Bultemeier	
11:15-11:40	Updates from the UF FLREC Gettys lab	Lyn Gettys	

11:40 **End of 2022 Short Course**
11:40-1:15 **Head home - or lunch on your own if you're staying for exams**
1:15-4:30 ***OPTIONAL* FDACS exams (you must have a voucher to take exams)**

Psst... pro tips for newbies!

Are you planning to take FDACS exams on Thursday afternoon? Make sure to attend the core exam prep and calibration sessions on Tuesday and the category exam prep sessions on Wednesday. Get the exam study guides first! Visit our certification exam webpage for more information, including which study guides you should get, how to get them, how to get an FDACS exam voucher, and more! Check it out at <http://sfyl.ifas.ufl.edu/aquatic-weed-short-course/certification-exams/>