

Spring 2016
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Destin Arbori-Sculpture!

This is a success story about a four-story historic tree in Destin, FL and how it continues to live on today. The beautiful southern magnolia once grew at the top of a sand dune in Destin. It was a major coastal landmark for the local fishermen and it is said that the town's founding father, Leonard Destin, would tie his boat up to it during hurricanes in the late 1800's.



1966



Early 2000's

Despite years of hurricanes and salt overload, the tree lived well past its life expectancy of 100 years, reaching an approximate age of 170 years when it eventually became hazardous to people and property.

Destin arborist Aubrey Santucci became involved, along with two other arborists in the area. She also called upon Kevin

Caldwell, a 2 term chair for the TCIA with 22 years of arboricultural experience. He flew in to help with the diagnosis of the aging tree; his assessment varied a mere 5% from the rate of decline determined by Santucci, a result which makes her very proud of her assessment abilities. But, the diagnosis did confirm that the tree was unsafe.

Instead of cutting the tree down, Mrs. Santucci's mother gave Aubrey the idea to locate renowned sculptor Marlin Miller who in the past had donated his time to sculpt dead and blown out oaks along the Mississippi and Louisiana coastlines.



[Sculpture continued on page 6](#)

A Message From the President



Dear Florida Chapter ISA Members,

I'm excited and honored to be your president in 2016. This is an important year for the Florida Chapter as it is our 20th year as an organization.

We have goal setting and planning to do this year that will help us to be a growing and relevant chapter of the ISA, for the next 20 years.

Our past president, Celeste White, and myself have been working together to accomplish common goals over the last year. Celeste has been a great president and we thank her for her continued service on this board in 2016, as past president.

I'm excited about the composition of the 2016 board and I'm expecting a very productive year. We will be focused on finding ways to encourage members to get involved this year, we will plan ahead for the next few years and continue supporting the climbers here in Florida. We will also continue to focus on how we can add value for our membership with programs such as the grants program. This year will be the first year for this new program and the findings of the research that is done will be provided to members as a member benefit.

I challenge you to get involved in the chapter this year! The entire 2016 Board of Directors is accessible to you. We would love to hear your questions, concerns and ideas. Please contact us, come to a board meeting or pull us aside at ISA events.

The 2016 board meeting schedule is:

- Friday, February 19, 2016 – Orlando
- Friday, April 22, 2016 – Orlando
- Saturday, June 11, 2016 – Delray Beach (Trees Florida site)
- Friday, September 16, 2016
- Friday, November 18, 2016

There are several events throughout the year that I encourage you to participate in including our educational events, The Trees Florida Conference, the Tour de Trees, and our

Florida TCC Competition, which we want to strengthen and make more of a showcase of the best climbers in Florida as well as the SE.

Finally, I would like to recognize Norm, Jan and Patty for all of the work that they do each year and thank them in advance for what they will do in 2016 to make it our best year yet!

I'm looking forward to my term as president and I hope to see and hear from you throughout the year.

Bonnie Marshall
President, Florida Chapter ISA



MEMO BOARD

Plant Health Care

April 6, 2016 - Ft Lauderdale
Register >>

May 11, 2016 - Sarasota
Register >>

Flyer >>

Sustainable Tree Management

April TBD - Orlando
May 4 - Miami
- Fairchild Garden



UPDATE YOUR ADDRESS BOOK!

You can contact us using these email addresses:

Norm Easey, Chief Executive Officer - neasey@floridaisa.org
 Jan Easey, Admin. Assist. - jan@floridaisa.org
 Patty Morrison, Admin. Assist. - patty@floridaisa.org

Florida Chapter ISA 2016 Board of Directors

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Florida Chapter Trustee:
 Mr. Rick Joyce

Florida Chapter Standby Interim Director:
 Dr. Andrew Koeser

Administration
 Norm Easey, Chief Executive Officer
 Jan Easey, Admin. Assist.
 Patty Morrison, Admin. Assist.

We honor and thank the Florida Chapter ISA Past Presidents

2015 - Celeste White
 2014 - Dr. AD Ali
 2013 - Patrick Miller
 2012 - Eric Hoyer
 2011 - Don Winsett
 2010 - David Reilly
 2009 - Mike Robinson

2008 - Mary Edwards
 2007 - Rick Joyce
 2006 - Rick Joyce
 2005 - Bruce Smith
 2004 - Michael Marshall
 2003 - Perry Odom
 2002 - Perry Odom

2001 - Loren Westenberger
 2000 - Dane Buell
 1999 - Dr. Ed Gilman
 1998 - Richard Bailey
 1997 - Joe Samnik
 1996 - Joe Samnik

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JOIN US IN FORT WORTH
13-17 AUGUST 2016

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ISA
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OF TEXAS

ISA
Conference and
Trade Show
this summer
in Fort Worth, TX!

*GET OUT YOUR COWBOY HAT
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SPOTLIGHT ON ANOTHER FLORIDA ISA CLASS COMING SOON!

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- inspecting delivered nursery stock

Watch for future emails with details!




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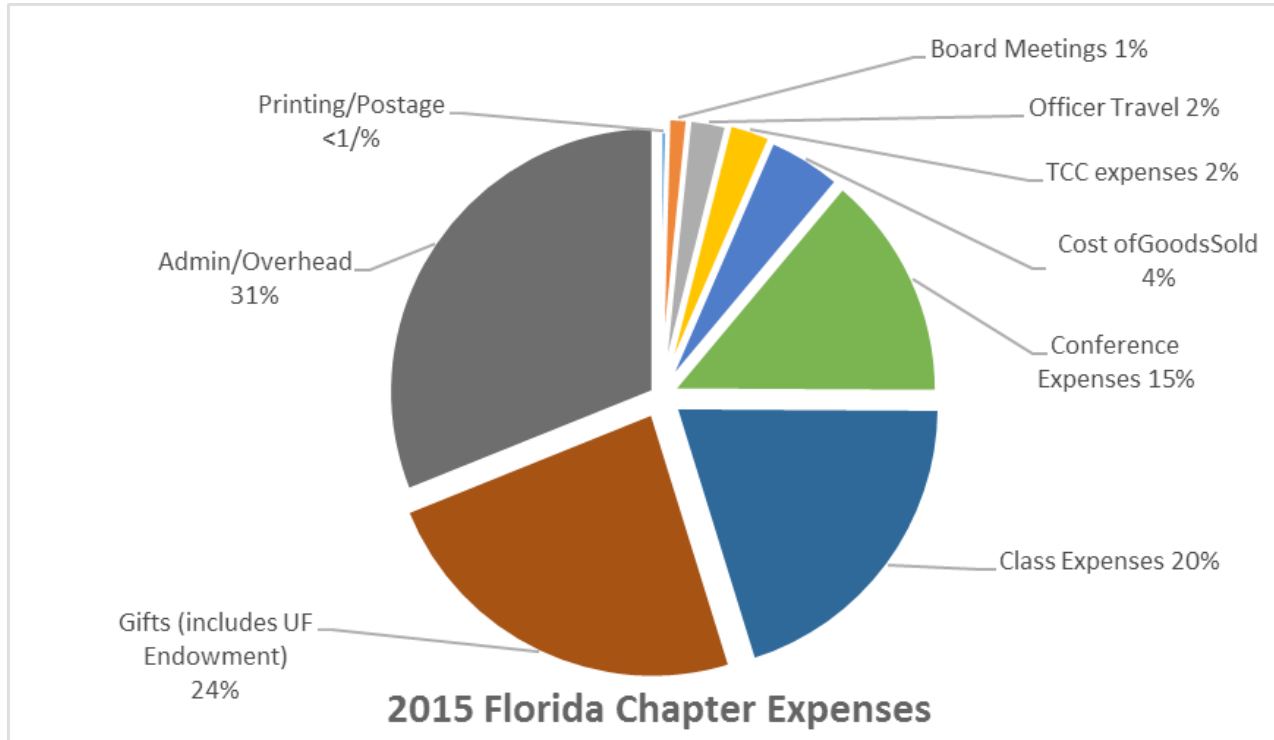


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Sculpture continued from page 1



Resulting sculpture



Next generation

Miller’s works are sponsored by Stihl; he donates his time to community projects and heritage trees only.

The resulting sculpture not only provides art for the Harborwalk Village, but is a wonderful tribute to the historic tree known so well by many residents. Cuttings from the magnolia were taken while the tree was still alive, resulting in four magnolia saplings to be planted for future Destin generations.

About the author:

Aubrey Santucci has been a member of ISA since 2008 and a certified arborist since 2013. She is a Florida Chapter member and a member of TCIA and SCA. She acts as Vice President of her husband’s 20-year old tree service while home-schooling her 2 children. Trees are her passion; you can follow her @ floridaarborist on Twitter, visit ArboristConnection.com or like her ‘Florida Arborist’ facebook page. ❖

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New Organizational Structure at ISA Headquarters



Sharon Lilly

Earlier this year, Sharon Lilly, director of educational goods and services, announced that she planned to retire from ISA by early 2016. Because Sharon's broad base of experience and high level of expertise allowed her to bring a very individualized proficiency to her role during her 18-year tenure as an ISA director, we knew that she could not be replaced in the traditional sense.

After much consideration, ISA's leadership team developed a solution that will ensure the continuation of excellence in our staff resources and the advancement of ISA's mission. Kevin Martlage, director of certification, has been promoted to director of professional development. In his new position, Kevin will be responsible for two departments – Educational Goods and Services and Credentialing. Kevin has made great strides in moving major credentialing initiatives forward. His ability to develop a plan and deliver results using a collaborative leadership style will serve him well in his new role.



Kevin Martlage

With Kevin overseeing two departments, two other staff members have been promoted to higher levels of responsibility within the Educational Goods and Services and Credentialing departments.

We look forward to leveraging the strengths and talents of our workforce as ISA continues to expand its reach and services worldwide. ❖



Alex Julius

Alex Julius, formerly an educational development manager, has been promoted to associate director of educational goods and services. Alex is a Board Certified Master Arborist® and holds a Master's Degree in Environmental Conservation with a concentration in urban forestry and arboriculture. She recently began master's level studies in instructional design.



Erin LaRocque

Erin LaRocque, formerly credential exam administration manager, has been promoted to associate director of credentialing. Erin has been a major contributor to the implementation of credential revisions, and her background in exam administration will ensure that test integrity and security are maintained with the new reporting structure.

❖



CONFUSED ABOUT RECERTIFICATION? LET US BREAK IT DOWN

Maintaining Your Credential

When you obtain your ISA certification, it is valid for a three-year period. In order to recertify at the end of the three-year period, you must have obtained the required number of continuing education units (CEUs) and pay a recertification fee. Another option is to retake and pass the certification exam.

Here are a few important items to consider while going through the recertification process:

1. You will receive notifications of your recertification status via postal service and email.
2. It is the credential holder's responsibility to provide ISA with updated information if you change your mailing or email address.
3. It is your responsibility as the credential holder to monitor your certification status and complete the requirements. This includes payment of all related fees.
4. During peak periods, it can take four to six weeks for ISA to process CEU requests and credit them to your account.
5. If you receive a communication indicating that you do not have enough CEUs to recertify, it is important to complete and submit those CEUs quickly to avoid becoming decertified. The Certification CEU Center provides a comprehensive list of CEU opportunities available.
6. In addition to the normal recertification fees, you may purchase a one-time, sixty-day extension for \$75 USD to allow you additional time to complete the CEU requirements.
7. Once CEU credits are obtained, it is the credential holder's responsibility to pay the recertification fee. ISA will not send you an additional invoice.
8. If we do not receive your payment on or before the final expiration date of your credential, you will become decertified, and you will be required to retest to recertify.

For more information about recertification, find answers to some common questions on the [ISA website](#). ❖



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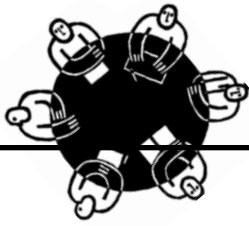
Join in the fun by showing what drives you! Submit a photo of yourself with your TreesAreCool license plate in the background for a chance to win a voucher for one FREE Florida Chapter ISA 1-day seminar! Winners will be announced in each monthly issue of the Florida eTree News (photo will be included). Send your entry with your name, email address and a suggested caption for the photo to patty@floridaisa.org.



DEADLINE for entry is the 20th day of each month. Send us your photos!

Sample photo provided by our 2015 Florida Chapter ISA President, Celeste White





Florida Chapter Board Updates

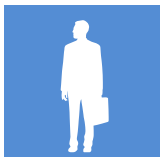
BOARD SHORTS:

20 Years and Growing Strong!



2016 is a B-I-G year for the Florida Chapter! The Florida Chapter ISA is celebrating its 20th Anniversary throughout the entire year. Walk down memory lane with us in upcoming issues of the Florida Arborist. Join us at the 2016 Trees Florida Conference and Trade Show as we acknowledge being 20 years young!

Welcome to the Florida Chapter Board of Directors!



We would like to welcome new and re-elected board members for 2016. Thank you for offering your time and talents to the Florida Chapter.

- Lori Ballard, Vice President (becomes President in 2017)
- Rob Calley, At Large
- Ed Gilman, Educator Representative
- Adam Jackson, Treasurer
- Michael Orfanedes, At Large
- Jordan Upcavage, Consulting Arborist Representative

ITCC on the Horizon



The Board of Directors and the Florida Chapter extends well wishes to our two Florida Chapter climbers who will be competing at the International Tree Climbing Championship in San Antonio, TX , April

1-3, 2016!

Jason Gerrish and Alisha Amundson... best of luck to you both, climb swiftly and safely!

UF Happenings



The board voted unanimously to divert two future deposits into the UF Arbicultural Endowment toward the UF Horticulture Department position that will open once Dr. Ed Gilman retires this summer.

Reaching Out to You

The board approved two incentives that will offer free class registrations to those who participate.

- The first program will provide someone a free seminar registration if their photo of themselves with their TreesAreCool license plate on their vehicle is chosen for publishing in the monthly ETree News news email. Interested people should email their photos to patty@floridaisa.org by the 15th of any month.
- The second program will provide a free seminar registration to anyone who purchases a NEW TreesAreCool plate for their vehicle(s) and emails their receipt to jan@floridaisa.org



EARN A FREE FL ISA SEMINAR!!!!!!

Do you have a TreesAreCool specialty license plate?



If so, thank you for your support of the Florida Chapter!

If not, now is the time to make the purchase. For a limited time, if you purchase a **TreesAreCool** specialty license plate **for the very first time**, the Florida Chapter ISA will send you a voucher for a free Florida ISA one-day seminar (excluding TRAQ and the Trees Florida Conference). This is a value of \$145. **Tree Service Companies** - buy plates for your entire fleet and earn multiple seminar vouchers!

Remember, you do not need to wait for your current plate to expire!

- » **In person:** You can select and pay for your TreesAreCool specialty license plate in person at your county tax collector office.
- » **By mail:** Complete and return this [form](#) with your vehicle registration renewal notice and a check for an additional \$58 (\$25 annual donation,

\$5 annual state fee and a one-time new plate fee of \$28). If your renewal notice indicates that it is time to replace your license plate, do not include the \$28 new plate fee. Fees may vary by vehicle and County.

» **Online:**



[Buy our plate online!](#)

Simply send in a copy of your receipt to Jan@floridaisa.org to confirm your new license plate purchase. You can do your part to contribute to tree research and education and get a free class!

Remember, this is a limited time offer so order your **TreesAreCool** plate today!

News From International

SEEKING NOMINATIONS FOR ISA CREDENTIALING COUNCIL

Have you ever considered being a part of the ISA Credentialing Council (formerly Certification Board)? At present, we have two vacancies which need to be filled, and we are seeking qualified candidates to fill the election ballot for those vacancies.

The ISA Credentialing Council is responsible for setting the strategic direction of ISA's credentialing programs and assists the ISA executive director and staff with credentialing-related issues. ISA Credentialing Council members shall attend two in-person meetings per year and several conference calls. Members may also be asked to serve on various committees.

If you have a strong desire to promote public awareness of the ISA certification programs and the mission of ISA, or if you wish to nominate someone for the Credentialing Council, please send a letter of interest to [Sheila Dillon](mailto:Sheila.Dillon@isa-arbor.com)

AREA STUDENT TRAVEL GRANTS FOR ISA CONFERENCE

The Arboricultural Research and Education Academy (AREA) will award five grants to attend the 2016 ISA Annual International Conference and Trade Show in Fort Worth, Texas, US, 13-17 August 2016. Grant recipients from North America will receive \$500 USD, and recipients outside North America will receive \$750 USD. Complimentary conference registration is also included. Student Travel Grant recipients are required to give a 10-minute presentation based on their research in front of an audience of academics, researchers, and other conference attendees on Wednesday, 17 August 2016, at the AREA session. For consideration, apply online by 28 February 2016 at <http://www.isa-arbor.com/events/conference/studentopportunities.aspx>.

PROPOSED ANSI Z133-2012 STANDARD REVISIONS FOR PUBLIC REVIEW

Proposed revisions to ANSI Z133- 2012 (American National Standard for Arboricultural Operations – Safety Requirements), developed by the Accredited Standards Committee Z133, will be available for public review from 5 February through 21 March 2016. See ANSI Standards Action for initial announcement on 5 February. A copy of the draft standard may also be downloaded from the [ISA website](http://www.isa-arbor.com). Submit comments regarding proposed revisions in writing to [Janet Huber](mailto:Janet.Huber@isa-arbor.com) (+1.217.355.9411, ext. 259) at ISA Headquarters no later than 21 March. Comments shall be specific to a particular section(s) within the standard, with a complete explanation of concerns and alternative language, if applicable. ❖



To advertise in the Florida Arborist contact the Florida Chapter office at 941-342-0153.

Our electronic version of the Florida Arborist allows for an active link directly to your website!!

Single Issue advertising rates are as follows:

**Full Page - \$250/issue
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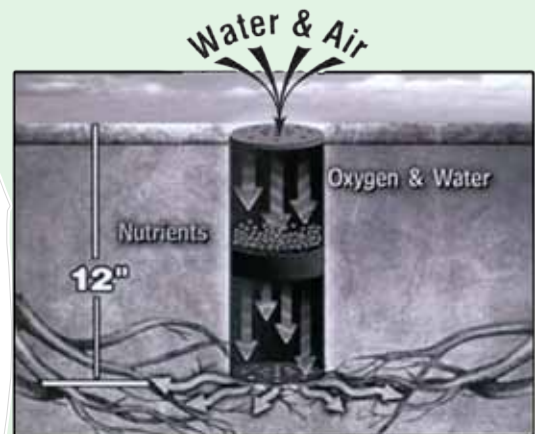
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Florida Chapter ISA

2015 Accomplishments

Below is a partial list of accomplishments of the Florida Chapter ISA during the past two years:

	2014	2015
Welcomed new Certified Arborists	110	127
Hosted Certified Arborist exams	11	10
Hosted Arboricultural seminars	18 seminars in 13 Florida cities	18 seminars in 15 Florida cities
Trained arborists	1351	1338
Hosted a Florida Chapter TCC event	28 climbers - Spring - Polk County 48 climbers - Fall - Tallahassee	38 climbers – Apopka
Sponsored TCC Chapter winner at ISA ITCC	Jason Gerrish - Milwaukee	Mike Cross – Tampa
Hosted annual Trees Florida Conference	Hosted Trees Florida at Innisbrook in Palm Harbor	Hosted the International ISA Conference in Orlando
Earned proceeds from our Florida Specialty Plate “TAC”	\$89,761	\$104,095
Published monthly Florida eTree Newsletters	Sent to 4800	Sent to 5400
Published 4 quarterly Florida Arborist Newsletters	Sent to 1500 chapter members	Sent to 1600 chapter members
Answered phone calls to the Florida Chapter office	Approx. 3440 calls	Approx. 3490 calls
Answered emails to the Florida Chapter office	Approx. 9125	Approx. 9125
Processed CEU requests	168	144
“Likes” on our Chapter Facebook page	228	406
Donated to the TREE Fund	\$5585	\$46,071 as host chapter of the Tour de Trees
Donated TAC revenues to our UF Arboriculture Endowment	\$60,000	\$80,000
Reached our 1st \$300,000 UF Arboriculture Endowment goal	Reached	Committed to a 2nd \$300,000 contribution goal
Gave Chapter service awards to deserving individuals	5	4
Hosted regional Loren Westenberger Work Days	1 regional event with 4 participating companies	Did not hold
Hosted Tour de Trees event	n/a	1-time event in Florida
Financially contributed to Tour de Trees riders	4 riders	7 riders
Welcomed new people to the Board of Directors	5 (2 elected, 1 appointee, 2 at-large appointees)	5 (3 elected and 3 at-large appointees)
Donated to FUFC for their Urban Forestry Institute	\$3000	\$0
Matched TREE Fund Kimmel Award	\$5000 to UF-IFAS Gulf Coast REC (Andrew Koeser)	\$5000 to UF-IFAS Gulf Coast REC (Andrew Koeser)
Sold books/items through our Chapter book store	Approx. 1050	Approx. 1100
Lending Library available to Florida Chapter members	Continued	Continued



OUR TEAM

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WALTER GIVENS
(352)457-1336

JOHN HOLZAEPFEL, CA, ACF, CF
(352)238-0917

ERIC HOYER, CA, RCA, CF
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From Your TREE Fund Liaison Chair - Eric H. Hoyer



Tour des Trees Raises Money for Arboricultural Research

I spent the last seven days in October riding 540 miles on my bicycle as I participated in the annual Stihl Tour des Trees ride. Florida was the host state for the ride this year so I had to make the most of “home field advantage”. I was one of seven Florida riders out of a total of 87 riders from all over the United States as well as Great Britain, Canada, and Germany. The purpose of the annual ride is to raise money, as well as awareness, for urban forestry and arboricultural research. Other Florida riders included Andy Kittsley (ride #19!), Scott



Tour riders show total funds raised during the 2015 Tour des Trees at the Fort Lauderdale closing ceremony.

Davis, Chuck Theurer, Tammy Kovar, Steve Morton, and Bill Veach.

The ride is organized through the TREE (Tree Research, Education, and Endowment) Fund, an Illinois-based organization which serves as a vehicle for distributing research and educational grants to researchers and non-profit organizations throughout the United States, Canada, and Europe. In 2015, \$300,000 was distributed to various researchers to carry out much needed research to improve the health and vigor of our urban trees and to help us understand how to better care for our trees within the altered urban environment. Several scholarships were also distributed to students pursuing a career in urban forestry or arboriculture and several non-profit organizations received funds to assist in teaching school children, particularly inner-city kids, the importance of trees in our cities.

Each rider in the Tour must raise a minimum of \$3,500 in order to qualify to ride. Many riders, including yours truly, exceeded this amount and one rider raised over \$8,000. As the name of the ride implies, Stihl is the title sponsor and provides public relations personnel along the route to publicize the ride and assist in organizing local events along the ride. These events include tree planting ceremonies at parks and civic clubs as well as programs at local elementary schools. This year’s ride included the planting of 13 trees at parks, churches, schools,

Hoyer continued on page 23

Morrison, Florida

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Loren Westenberger Workday Chairperson Needed!

DO you have a desire to help non-profits with quality tree care? You can help the community by organizing the Loren Westenberger Workdays throughout the state. ISA members donate their time, talents and equipment to provide arboricultural services to needy non-profit-owned properties throughout Florida. Examples of eligible sites include churches, schools, arboreta, parks, garden clubs, etc. There can be up to three workdays per year, one each in North, Central and South Florida. These events are usually held in February.

Thanks to Jay Sockriter, who was our most recent chair, for organizing past workday events including Chinsegut Hill in Brooksville, Camp Ithiel (New Covenant Church) in Orlando and Nehrling Gardens in Orlando.



VOLUNTEER Work Days are organized by the Chair and the Work Day Committee. Tasks of the committee may include marketing the workdays to non-profits, reviewing the applications and visiting the sites, planning the arboriculture work to be completed and requesting volunteers and companies to perform the services. Workdays can be a great day of camaraderie and fun and you will be leaving your footprint on an organization that may not be able to afford proper tree care.

The Florida Chapter ISA Workdays are named after Loren Westenberger, past Florida Chapter ISA president and owner of Westenberger Tree Service in St. Petersburg. Loren was passionate about trees and frequently donated his time and talent to local churches, shelters and other such organizations who needed tree care.

If you are interested in volunteering to chair or be on the committee, or need more information, please contact Celeste White at ctwhite@ufl.edu or 407-254-9210 or the Florida Chapter ISA office at jan@floridaisa.org.

ISA
FLORIDA CHAPTER

Loren Westenberger
Volunteer
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The Importance of Soil Salinity

Henry Mayer, Miami Dade IFAS Extension Agent and Dr. Yuncong Li, Tropical Research and Education Center UF/IFAS

Soil salinity is the amount of soluble salts in a soil; the process of increasing the salt is known as **salinization**. Soil salinity is generally characterized as **electrical conductivity** (EC) of soil solution. The EC of a soil solution is the ability of the solution to conduct electricity. The EC is reported in either **decisiemens per meter (dS/m)** or **millimhos per centimeter (mmho/cm)**. When more salts are present, the EC of the solution is high. If less salts are present, then the EC is low indicating that the solution conducts electricity poorly.

The EC indicates the presence of more or less salts, but does not indicate which salts might be present or exact concentrations of salts. For example, the EC of a soil sample is 3.0 dS/m which is considered very high. The high values of EC may

come from various salts. The soluble salts in a soil contains cations (**with positive charge**) such as sodium (Na⁺), potassium (K⁺), calcium (Ca²⁺) and magnesium

(Mg²⁺) along with **anions (with negative charge)** such as chloride (Cl⁻), sulfate (SO₄²⁻), nitrate (NO₃⁻), bicarbonate (HCO₃⁻) and carbonate (CO₃²⁻). To determine the source of the salts in a sample, further chemical tests can be performed (<https://edis.ifas.ufl.edu/ss118>).

There are many reasons for a soil to have high soil salinity. Application of fertilizers will temporarily increase soil salinity. Salinity will be gradually decreased as nutrients in fertilizers used by plants or leached out soil profile. Soil salinity could be an indicator for status of fertilization.

An area which has not received fertilizer for several years often has low soil salinity. Persistent high soil salinity often indicates salt water intrusion in coastal lowland or an area irrigated with saline water. We have seen more and more cases of salt damages for landscape plants in coastal low land in South Florida.

Effects of salinity on Plant Growth

High soil salinity reduces water availability for plant use. High salt levels in the soil solution delay water uptake and can cause physiological drought of plant. High salinity in soil solution will have high **osmotic pressure**. Plant roots not only unable to uptake water, actually water will move out from the root cells (low salt content) into the soil solution (high salt content). Young plants especially seedlings are more sensitive than mature plants. Symptoms of salt damaged plants may include restricted root

Salinity continued on page 22



Electrical Conductivity (mmhos/cm or dS/m)	Rating	Interpretation
0-0.15	Very low	Plants may be starved of nutrients.
0.15-0.50	Low	If soil lacks organic matter. Satisfactory if soil is high in organic matter
0.51-1.25	Medium	Okay range for established plants.
1.26-1.75	High	Okay for most established plants. Too high for seedlings or cuttings.
1.76-2.00	Very high	Plants usually stunted or chlorotic.
> 2.00	Excessively high	Plants severely dwarfed; seedlings and rooted cuttings frequently killed

La Importancia de la Salinidad del Suelo

Henry Mayer, Miami Dade IFAS Extension Agent y Dr. Carlos Balardi, Professor Emeritus UF

La salinidad del suelo es la cantidad de sales solubles presentes en un suelo; el proceso por el que las sales aumentan se conoce como **salinización**. La salinidad es generalmente medida como la conductividad eléctrica (CE) de la solución del suelo. La CE de una solución del suelo es la habilidad de la solución de conducir electricidad. La CE se mide en unidades de **decisiemens por metro (ds/m) o en millimhos por centímetro (mmho/cm)**. Cuando hay más sales presentes, la CE es alta. Si hay menos sales, la CE es baja e indica que la solución conduce poca electricidad (agua pura).

La CE indica la presencia de más o menos sales, pero no indica cuales sales están presentes o la concentración

exacta de las mismas. Por ejemplo; la CE de una muestra de suelo con 3.0 ds/m se considera excesivamente alta. Los valores altos de CE pueden ve-



nir de varias fuentes. Las sales solubles en el suelo contienen cationes (**con carga positiva**) como el de Sodio (Na⁺), Potasio (K⁺), Calcio (Ca⁺²) y Magnesio (Mg⁺²); así como también **aniones (con carga negativa)** como Cloruros (Cl⁻), Sulfatos (SO₄⁻²), Nitrato (NO₃⁻¹), Bicarbonatos (HCO₃⁻) y Carbonatos (CO₃⁻²). Otros análisis químicos se pueden hacer para determinar la procedencia de sales en una muestra, ver información en: <http://edis.ifas.ufl.edu/ss118>

Hay muchas razones por las que un suelo tiene altos los valores de CE. Con la aplicación de fertilizantes temporalmente aumenta la salinidad del suelo. Esta se reducirá gradualmente cuando los nutrientes en el fertilizante son utilizados por las plantas o son lavados del suelo. La salinidad del suelo puede ser indicadora del estado de la fertilización. Un área que no ha recibido fertilizantes por varios años, generalmente tiene la CE baja. Una persistente alta salinidad del suelo a menudo indica penetración de agua salada en áreas costeras o áreas regadas con agua salina. Hemos visto frecuentemente casos de daños de plantas del paisajismo por aguas saladas en zonas costeras en el Sur de la Florida.

Efectos de salinidad en el crecimiento de las plantas
Alta salinidad del suelo reduce el agua disponible para uso de las plantas. Los altos niveles de sales en la solución del suelo

retardan la absorción de agua y causan la sequía fisiológica de las plantas. La salinidad alta en el suelo contiene presión osmótica alta por lo que las raíces no solo no pueden absorberla sino que puede que pierdan agua ya que esta saldrá

Electrical Conductivity (mmhos/cm or dS/m)	Rating	Interpretation
0-0.15	Muy Bajo	Las plantas se pueden afectar por falta de nutrientes.
0.15-0.50	Bajo	Pobre, Si el suelo no tiene materia organica. Satisfactorio si el suelo tiene alto contenido de materia organica.
0.51-1.25	Medio	Esta bien para la mayoría de plantas establecidas.
1.26-1.75	Alto	Esta bien para la mayoría de plantas establecidas. Demasiado alto para plántulas o esquejes.
1.76-2.00	Muy Alto	Plantas usualmente no crecen o estan cloroticas.
> 2.00	Excesivamente Alto	Plantas no crecen; las plantulas y los esquejes se mueren

Salinidad continued on page 22

[Salinity continued from page 20](#)

growth, marginal or leaf tip burning/ browning, inhibited flowering, reduced vigor and reduced crop yields. Plants will die if soil salinity is increased dramatically to a very high level.

As a reference, the following guidelines in interpreting EC data from soil extracts (1:2 soil-to-water ratio) can be used (http://extension.uga.edu/publications/files/pdf/C%201019_3.PDF).

In the next article, we will list the plants that are sensible and tolerant to soil salinity. ❖

[Salinidad continued from page 21](#)

de las células buscando el gradiente alto que se encuentra afuera en la solución del suelo. Las plantas jóvenes, especialmente las plántulas son más sensibles que las plantas adultas. Los síntomas por sales en plantas dañadas pueden presentar un crecimiento lento, manchas de color café en las hojas, quemazón en los bordes de las hojas, inhibición de la floración, rendimiento de frutos reducidos, etc. Al final puede ser que las plantas mueran si la CE aumenta radicalmente.

Como referencia, se da guía para interpretar datos de CE de extractos de suelo (1:2 rproporción de suelo:agua) para ser utilizados (http://extension.uga.edu/publications/files/pdf/C%201019_3.PDF).

En el próximo artículo, haremos una lista de plantas que son sensibles y tolerantes a la salinidad del suelo. Este pendiente ❖



Welcome to the ISA Dictionary online!

The International Dictionary is an online directory of arboricultural terms with definitions and translation in many languages. Simply type in a word, choose a language, and our online dictionary provides the correct translation.

The Online International Dictionary is a tool for facilitating continuing education, as well as expanding outreach and networking possibilities for our members worldwide. Whether you want to learn how to say "tree" in German, or "tree biology" in Portuguese, take advantage of this valuable tool to participate in an international arboricultural dialogue.

[Click here to search the dictionary!](#)

Hoyer continued from page 18

and community centers. In addition, three school programs were scheduled which reached out to several hundred school children. Professor Elwood Pricklethorn (aka Warren Hoselton of Toronto, Canada) provides an educational lesson on the importance of trees. Warren created this persona seven or eight years ago and has been a fixture on the Tour every year since then.

This year's ride started at the Orlando Hilton at Downtown Disney on Sunday October 25th. Sunday's ride totaled 110 miles and concluded at Little Harbor in Ruskin, a very nice small resort nestled on Tampa Bay across from St. Petersburg. Monday's ride concluded at Lido Beach in Sarasota where we enjoyed gulf-front views from our hotel rooms. From there, on successive days, we rode to Punta Gorda, Ft. Myers Beach (gulf-front rooms again), Everglades City, Miami (Coral Gables), and concluded at noon on Saturday in downtown Ft. Lauderdale. The ride wound its way through some very nice communities to include Terra Ceia, Siesta Key, Anna Maria Island, Vanderbilt Beach, Naples, Marco Island, and Hollywood Beach. We also got to enjoy riding a loop at the Shark Valley Visitor Center in Everglades National Park, had lunch on the Sanibel Causeway, received a police escort as we entered Coral Gables, and had a private tour and dinner at Fairchild Tropical Gardens in Coral Gables.

Thanks to Stihl and other generous sponsors, such as Davey, Asplundh, Bartlett, Arborjet and the Florida Chapter of ISA as well as the fundraising efforts of the riders, over \$629,000 was raised on this year's ride. Many other businesses also contributed cash or in-kind donations to make the ride a success. Team Florida placed fourth among 16 recognized teams by raising \$25,063 and Andy Kittsley was fourth among individual riders, raising \$6,380.

This year's ride, as well as the previous four TDT rides, have raised \$3,000,000 for much needed tree-related research. This money will help make our cities greener and more sustainable, will help educate school children about the importance of trees and green infrastructure, and will provide more scholarships for deserving college students. I was pleased to be able to participate in this year's Tour des Trees ride and to know I was part of this worthwhile fundraising effort. ❖



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ISA Relaunches Board Certified Master Arborist Exam

The International Society of Arboriculture (ISA) announces the relaunch of the newly-updated Board Certified Master Arborist® (BCMA™) exam effective February 1, 2016. In response to user feedback requesting a better exam experience and accommodation for the global reach of the

program, ISA performed an intensive and highly successful review, revision, and assessment of the exam in order to meet these expectations.

The revision process began with the BCMA Test Committee’s evaluation of exam questions to be used in the updated exam which included assistance from a professional in test development. The committee was provided direction on how to write good exam questions that clearly and correctly test the knowledge and skill level required to become a Board Certified Master Arborist™. BCMA Test Committee Chair Larry Costello stated, “The goal was to develop a challenging yet fair

exam that accurately tests knowledge in concert with experience in tree management principles and practices.”

Once the test questions were reviewed and revised, the next step was to run a beta exam process to measure the reliability of the exam. Beta tests require a minimum number of participants for successful measurement and ISA was able to double the minimum number required. Those individuals who took the beta test and achieved the new passing score earned the BCMA™ credential. Test takers who did not meet the passing score will be allowed a free retake once the new exam has launched.

“The relaunch of the BCMA™ exam is very exciting for ISA and the credentialing community. I cannot thank the 300 beta test takers, the BCMA test committee, and ISA staff enough for their efforts to make the relaunch possible,” says Kevin Martlage, ISA director of professional development. “I am extremely confident that the team involved with the evaluation and relaunch process addressed the expectations of the board and met the necessary objectives.”

As of February 1, ISA is accepting applications for the updated exam. The application handbook is available on the ISA website. For questions regarding the International Society of Arboriculture BCMA™ exam and credentialing program, review the list of [frequently asked questions](#) or contact isa@isa-arbor.com. ❖

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Each household is able to reserve one tree, but tree quantities are limited, so sign up today.

Beginning January 15, reserve your free tree at
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This program made possible through a grant from the USDA Forest Service.



Florida Chapter ISA Awards Application

Due Date: May 15 (annually)

Enter yourself or a colleague. Please select one award category:

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Summarize applicant's qualifications for award category. Attach additional pages if needed. Limit 3.	
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Consultant's Corner

by Joe Samnik, Consulting Arborist



WHAT HAPPENS IN A DEPOSITION

A deposition is the place and time that the attorney across from you in the subject lawsuit has to discover everything you know regarding your opinions and everything you don't know about the case. Almost always the opposing attorney only has one bite of the apple to discover what you know and the deposition is it. The information you provide will be used against you at trial. You will be under oath as if you were in court. There will be a court reporter taking down everything you say and everything said in the entire proceeding regardless of who said it - you, your attorney, or anyone else that may be in the room. There are few if any procedural rules. You're on your own. Your attorney will be in attendance either in person or by phone. You may be on the phone as well or appear by videoconference where your testimony will be played back to the jury, typically in soundbites to make you look bad. Your attorney will be of no help to you regarding questions you will be asked and must answer. If your attorney does not want you to answer a question he will say so on the record. Follow your attorney's advice. Let the two attorneys fight out whether or not you should answer the question after they consult with the judge. The objections your attorney has may be of assistance at a later time when arguments are formally made to the judge. In the deposition however you must answer most all questions. There are some questions which will be off-limits. As an example, you may be asked your Social Security number. Because your deposition will become a matter of public record you certainly do not want your Social Security number recorded into the proceeding. Ask the examining attorney if you may write it down on a piece of paper or go off the record and then state it. There are other questions which are also off-limits. If you believe you are being

asked one look to your attorney for guidance.

There are volumes of books written about depositions and how to give a deposition. You may find the following checklist of assistance to you, as it is a partial composite of over 800 litigated cases in which I have been named as an expert:

1. **Always Tell the Truth:** Don't game the system or jeopardize your honor, character or reputation by being dishonest. Most experienced experts might lie under the heat of the moment... with the tough question... emotions run high... and they tell a lie. Only they know it at that moment, however there is a great probability that the lie will be discovered later down the line as more discovery is produced by other participants in the lawsuit. Once you lie, the essence of who you are and what you are is lost. Your testimony becomes ineffective. You become ineffective. Do not lie under oath for any reason. Tell the truth. You are in the position of an expert to assist the judge and/or jury with certain facts that should enable them to make a more informed decision. You are not there to win or lose a case. If the truth hurts, let your attorney deal with the outcome. Your first job is to be honest.
2. **Listen to the Question:** Listen carefully; very carefully. Only answer the question being asked. Don't volunteer information. The oath you took at

[Deposition continued on page 28](#)



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FNGLA - 4 LIAF - 4 FDACS - applied for

Deposition continued from page 27

the beginning of your deposition does not include the answers to questions not asked. It was the jawbone of an ass that Sampson used to kill 1,000 Palestinians. Nearly that many depositions run amuck for the same reason. If you're tired during the deposition, ask for a break. A 10 minute break every hour is a reasonable request. Many attorneys use as a tactic attempting to tire you so that your answers will become sloppy and you will not listen attentively. Take a break. If you don't understand a question, ask for it to be rephrased or repeated. Remember, if you answer a question the examiner will consider it a fact that you understood the question and your answer will become a part of the record. Bring something to snack on and to drink. Many attorneys attempt to marathon you into submission.

- The Dues Tecum:** This is a Latin phrase meaning you will bring with you under penalty of punishment. You will be served the notice by a court appointed officer, albeit they sometimes show up at your office or home in jeans and a T-shirt. Read the duces tecum. Make a list of what you can produce and what you cannot produce based upon the demands in the document. If you can produce certain items or documents, place them in a file. If you can't produce a required document for any reason make a list of them and the reason why you cannot produce them. Explain why you cannot comply with the requirement. Let your retaining attorney work out this matter with opposing counsel. Put it in writing to your retaining attorney the reasons why you can't produce the items in dispute. Remember please, just like arborists, not all attorneys are honest. Cover your back. Put it in writing. In one case I worked on, my duces tecum required that I bring the files of all similar cases I had participated in for the past 10 years. That was an unreasonable request. I countered that I could produce the required information at a cost of about 40 to 55 hours of my time at my published rate. The requirement was lifted from the duces tecum. Give your retaining attorney your complete file before your deposition. He/she will go through it for legal purposes. Let the attorneys fight it out regarding what may have been removed or sanitized from

Deposition continued on page 30



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Deposition continued from page 28

- your file by your attorney. Stay out of that fight. You do not know what you're doing and could jeopardize your retaining attorney's case or worse you could jeopardize justice.
4. **Don't Sanitize Your File:** No fair cheating by removing items from your file that you consider a potential problem. Don't put anything in your file that you do not want discovered. There have been many an embarrassing moment as opposing attorneys have gone through a file during a deposition. I was involved in one memorable moment where the plaintiff wrote on a survey long before the lawsuit the words, "I want this area cleared to the ground". Fortunately for the sake of justice it was the very area he was making a substantial claim for due to accidental clearing by heavy equipment.
 5. **If You Haven't Been Paid:** If you have not been paid for giving your deposition at the time your deposition starts then state so after you have been sworn in. Not before. You want this on the record. Be polite. Make sure of course that you first send an invoice to the opposing attorney for the taking of your deposition. Send it when you are served your duces tecum or shortly thereafter. Make the invoice out to the law firm listed on the duces tecum with attention to the attorney who signed for the law firm. Email the invoice to your retaining attorney so that she in turn can send it on to your opposing attorney for payment. You should be paid before you give your deposition.
 6. **Dress Respectfully:** I've known arborists who have worn jeans and a T-shirt to a deposition. Don't do that. No need to immediately lower the bar by a disrespectful attire. A deposition is informal but take it up a notch or two from blue jeans. Consider, you are being sized up by opposing counsel. He/she is developing a picture of you in court. Make it a professional picture. If you don't own a suit, go invest in one. There are very nice looking suits for \$100 or less. Please, if you're a guy, let the salesperson selling you the suit accessorize you. Get a shoeshine. Buy a new white shirt. Get a new tie. Ladies, lose the jewelry and low-cut blouses. Ease way up on the makeup. Forget the perfume. Above-the-knee dresses are out. You are taking away from your authenticity. Be smart and look smart.
 7. **Don't Write a Report Unless Required:** Written reports are required in federal court. Many plaintiffs' attorneys will ask for a written report in an attempt to overwhelm the defendant into a settlement. Written reports are next to impossible to write by laypersons like us when scrutinized by a trained legal staff and attorney. You owe yourself and opposing counsel a list of your opinions. You must be able to defend these opinions in your deposition and trial. If you must write a report be cautious of available texts published for arborist's use. Purchase a book on how to write a report authored by an attorney. There is too much to know of what is required in a written report - or not required in a written report. The need for a written report is overblown. Don't write a report unless your retaining attorney requests that you do so or the judge requests that you do so.
 8. **Develop a Timeline:** A timeline of events is crucial to the logic and intellectual honesty of your testimony and opinions. In one regrettable case a colleague listed on his invoice the date of his opinion. During his deposition it was discovered that his written report, with his opinion, was dated before his invoice notation. Then there was the regrettable time that an arborist rendered an opinion and then read 3 other depositions, one an eyewitness, after the date of his opinion. He testified that his opinion didn't change even after reading the 3 depositions. Really? Take a timeline to your deposition.
 9. **Get to your Deposition One Half Hour Early:** I show up one hour early. Your retaining attorney need not wonder where you are 10 minutes before kickoff. The opposing attorney probably traveled a long way to take your deposition. Be considerate. Be there waiting when either attorney shows up. Your attorney is more nervous than you are. He/she has much more at stake than you. He/she will want to talk to you privately before your deposition. Anything you talk about may come back to you in the form of a question during your deposition. Be courteous; arrive early.

Deposition continued on page 32

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- Use of the ISA Member logo
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- ISA member directory listing
- *True Professionals* program
- Online *Find a Tree Care Service* tool

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- Receive all benefits listed above as well as receive deep discounts on certification and recertification fees

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Deposition continued from page 30

10. Your County but Not Your Office:

You have the legal right to have your deposition taken in the county in which you reside. Offer to go to their location at your published fee if you want to and are willing to do so. But you don't have to travel to anywhere or any location except within the county in which you reside. No, the deposition cannot and will not be held in your office. It's too disruptive. Offer opposing counsel a list of court reporters offices in your area. Be polite. Be firm No depositions in your office.

Make no mistake about it, your deposition is an adversarial event. Everything you say and do will be used against you in court. Opposing attorney will attempt many tactics to make you look like a fool, not qualified, underqualified, a liar, and advocate, a money hungry Daddy Warbucks, even face if angry, confrontational, undereducated and misrepresent your testimony. Get your mouthpiece in. But you have the ultimate advantage providing you conduct yourself with honor and integrity and character. Tell the truth and know your opinions and support documentations cold.

I do wish you well.❖



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2016 Certification Exam Schedule

The FLORIDA CHAPTER of ISA is pleased to announce our
2016 schedule of Certification exams. See the chart below for the site nearest you.

Date	Exam/ Class	Location	Time	Proctor or Instructors	Last Date to Register	Cost Member/ Nonmem
April 9, 2016	Certified Arborist Exam	3205 College A Davie, FL 33314 954-357-5279	8:30 AM 12:30 PM	Dr. Mike Orfanedes and Way Hoyt	Minimum 12 business days prior	\$150/ \$250
May 7, 5016	Certified Arborist Exam	Countryside Rec. Center 2640 Sabal Springs Drive Clearwater, FL 727-669-1914	9:30 AM 1:30 PM	Norm Easey and Erik Nobs	Minimum 12 business days prior	\$150/ \$250

This schedule is subject to change as additional tests and review sessions may be added. Visit www.floridaisa.org for updates.

For an application form to register for an Exam call the ISA Office in Champaign, IL at 888-472-8733. To purchase an ISA Certification Study Guide, call the Florida Chapter ISA at 941-342-0153 or fax an order form to 941-342-0463.

The ISA Illinois must receive your application & exam fees A MINIMUM OF TWELVE BUSINESS DAYS prior to the exam date. NO EXCEPTIONS! (ISA Illinois is closed New Year’s Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day). First-time applicants can apply online at www.isa-arbor.com.

PREPAYMENT IS REQUIRED VISA/MC/AMEX accepted. US FUNDS ONLY

Florida Chapter ISA - 2016 Education Schedule

*The schedule below is tentative and subject to changes.

Date	Seminar/Class	Location (s)	Open for Registration
April 6, 2016	Plant Health Care	Ft. Lauderdale	Register Online
April 2016	Sustainable Tree Management	Orlando	
May 4, 2016	Sustainable Tree Management	Miami	
May 11, 2016	Plant Health Care	Sarasota	Register Online

Welcome!

New Florida Chapter Members

Here are the individuals that joined the Florida Chapter during the fourth quarter of 2015. If you see a name from your area of the state, look up their phone number online* and give them a call. Introduce yourself and find out what aspect of arboriculture the new member is involved in. Let's make the Florida Chapter friendlier. We're all working in different ways for the same goals. Get to know other Chapter members. You might make some helpful connections for the future.

Jason P. Agosto, Dade City, FL
 Laurie Albrecht, West Palm Beach, FL
 Alisha Amundson, Oviedo, FL
 Elizabeth A. Baylis, Saint Petersburg, FL
 Eric Ahrens Brown, Orlando, FL
 Steven Burnside, South Daytona, FL
 Richard J Callahan, Tampa, FL
 James M. Caudell, Sarasota, FL
 Aida Maria Curtis, Miami, FL
 Thomas Michael Danks, Boynton Beach, FL
 Kristi L. Dean, Cape Coral, FL
 Jeremy Wayne Dixon, FLORENCE, AL
 Douglas Doll, Milton, FL
 David Leo Doolittle, Jr., New Port Richey, FL
 Adam Reed Feagley, Hudson, FL
 Jeffrey Hayes, Ocoee, FL
 Roger A. Holbrook, Jr., Umatilla, FL
 Steven Holder, Hawthorne, FL
 Chad Middle Jones, Winter Haven, FL
 Derrick J Kahl, Fort Myers, FL
 Westley Kingsbury, HUDSON, FL
 Roy W. Kirchberg, Maitland, FL
 Preston Alexander Koterass, Vergennes, VT
 David Glenn Kunz, Clermont, FL
 Mark Stephen Laneve, NOKOMIS, FL
 John M. Linton, Saint Petersburg, FL

Jason Llano, Saint Petersburg, FL
 Lyle Nickolas Love, Vero Beach, FL
 Nicholas A. Mayl, Port Charlotte, FL
 Matthew Ryan McKamey, Wimauma, FL
 Michelle Mitchell, Lapeer, MI
 Justo M Naranjo, West Palm Beach, FL
 Devora T. Pendleton, Newberry, FL
 John Alexander Peters III, Mount Dora, FL
 John Powell, Miami, FL
 Constance Ruth Price, Saint Petersburg, FL
 Austin J Price, Fort Myers, FL
 Kathryn O'Leary Richards, Miami, FL
 Jans Robert, Hialeah, FL
 Douglas Joseph Roy, Sebastian, FL
 Mark J. Salemi, Miami, FL
 Julie Ann Schelb, Wimauma, FL
 Brian Michael See, Hudson, FL
 Miguel Serpa, Bradenton, FL
 Adam j Sieber, Port Richey, FL
 Samuel Sigars, Wellington, FL
 Austin Spivey, Groveland, FL
 John R. Toborg, Tampa, FL
 Thomas Lincoln Wogan, Palmetto Bay, FL
 Chad Matthew Woods, Bradenton, FL
 Elvis A. Zelaya, Lakeland, FL

*Go to <http://www.isa-arbor.com>, then go to "Members Only" and log in. Then go to ISA membership directory. If you do not know your log in for members only, contact ISA headquarters at (888) 472-8733. Once you log in, you can update your address, check your CEU's, edit or verify Certified Arborist information and search the membership list.

Letters to the Editor

We welcome your thoughts about Florida Arborist articles, about your Florida Chapter, or about tree issues in general.

Email your letters to:
 jan@floridaisa.org

or mail to:
 Florida Chapter - ISA
 7853 S. Leewynn Court
 Sarasota, FL 34240



Please remember:
 Letters should be no longer than 300 words.
 We reserve the right to condense letters, or to edit as necessary.

An invitation to all members
 to attend a

Board of Directors Meeting!

Call 941-342-0153

for specific times and locations

Up-coming 2016 Board Meeting - Dates & Locations

April 22, 2016 - Orlando

June 11, 2016 Delray Beach

Arborist Certification Committee Report

By Norm Easey, Florida Certification Liaison

There is currently one ISA certification exam scheduled in Florida within the next six months. [Click here for the specific dates.](#) The ISA Certified Arborist exam is also now available at Pearson Testing Centers throughout Florida. See the ISA International web site www.isa-arbor.com for more information about the various ISA arborist credentials and how to earn them.

Florida Chapter currently has 1872 Certified Arborists.

The Florida Chapter would like to congratulate the following 26 individuals for earning their certification as Arborist Certification and Board Master Arborist Certification during the fourth quarter of 2015:

Certified Arborist

James Reese Andrews, Brandon, FL
 Jacob Michael Begelman, Village Of Palmetto Bay, FL
 Jacob Ryan Connolly, Stuart, FL
 Aida Maria Curtis, Miami, FL
 Douglas Doll, Milton, FL
 David Leo Doolittle, Jr., New Port Richey, FL
 Kevin R. Drye, Tallahassee, FL
 Omar Escauriza, Homestead, FL
 Adam Reed Feagley, Hudson, FL
 Luis Manuel Garcia, Saint Petersburg, FL
 Sean C. Jackson, Bryceville, FL
 Mark Stephen Laneve, Nokomis, FL
 Jonathan Adam Lee, Tampa, FL
 Amanda Lindsay, Orlando, FL
 Jason Llano, Saint Petersburg, FL
 Lyle Nickolas Love, Vero Beach, FL
 Nicholas A. Mayl, Port Charlotte, FL
 Kasandra Dean Moore, Tampa, FL
 Manuel Richard Nassar, Coconut Creek, FL
 Daniel Parobok, Miami, FL
 Joel Perez, Homestead, FL
 Constance Ruth Price, Saint Petersburg, FL
 H. Charles Quandt, III, Plantation, FL
 Kathryn O'Leary Richards, Miami, FL
 Jennifer Joan Rogers-Pomaville, South Miami, FL
 Jose Carlos Ruiz Solorzano, Orlando, FL

Jennifer Savaro, Plantation, FL
 Sheila Secondi, Lake Worth, FL
 Jeffrey Brian Sorensen, Malabar, FL
 Simon M. Stratford, Titusville, FL
 Joshua Michael Taylor, Clearwater, FL
 Michael Torchetti, Lake Worth, FL
 Ivan Carlos Vila, Miami, FL
 Keith Stuart Weyrick, Miami, FL
 Nicole Ynigo, Miami Gardens, FL

Board Certified Master Arborist

Mariellen Joan Calabro, Deland, FL
 Richard Geno Cervi, Saint Petersburg, FL
 Gareth Coggan, Windermere, FL
 James Randall Fulks, Palm Bay, FL
 Michelle Mitchell, Lapeer, MI



Municipal Specialist

Jennifer M. Magavero, Madison, FL
 Quatisha Oguntoyinbo-Rashad, Miami, FL

Are you thinking about becoming certified?

[Visit the International ISA website](#)

To access the certification application handbook with further information.

International Society of Arboriculture Florida Chapter

Our Mission: "To Promote and Improve the
Scientifically Based Practice of Professional Arboriculture"



Arborist Code of Ethics

Strive for continuous self-development by increasing their qualifications and technical proficiency by staying abreast of technological and scientific developments affecting the profession.

Not misuse or omit material facts in promoting technical information, products or services if the effect would be to mislead or misrepresent.

Hold paramount the safety and health of all people, and endeavor to protect property and the environment in the performances of professional responsibilities.

Accurately and fairly represent their capabilities, qualifications and experience and those of their employees and/or agents.

Subscribe to fair and honest business practices in dealing with clients, suppliers, employees and other professionals.

Support the improvement of professional services and products through encouraging research and development.

Observe the standards and promote adherence to the ethics embodied in this code.



Florida Arborist
Florida Chapter ISA
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Sarasota, FL 34240