Oak trees may hold antibacterial to help infected citrus trees

UF | IFAS | 1/29/2020

Wise old oak trees may hold an extract that citrus growers can use to protect their fruit trees from the deadliest citrus crop disease the world has known.

The plant disease is called huanglongbing, or HLB, also known by its English name, citrus greening. The disease shows its presence when leaves turn lighter shades of green.

According to University of Florida Institute of Food and Agricultural Science’s (UF/IFAS) officials, HLB is responsible for a 90 percent reduction in the production of Florida’s most valuable crop.

“Research scientists work with a sense of urgency to contain the pathogen and to manage HLB’s impact on our important crop,” said Lorenzo Rossi, assistant professor of plant root biology at the UF/IFAS Indian River Research and Education Center (IRREC), located in Fort Pierce, at the center of the Indian River District. The district is known for its peerless grapefruit quality, where it

Trees continued on page 4
Welcome to 2020. I am honored and proud to serve as your president this first year of a new decade. I will work hard to ensure our amazing ISA Chapter continues to be a leader and positive example to other chapters here and the world. We have an incredible staff led by CEO Norm Easey. We have a board of directors filled with the smartest most talented professionals I have ever met and we have a membership of thousands who in my humble opinion are some of the world’s most educated and well rounded. Again, thank you for this honor.

My message for you as we kick off this new decade is: “Be good to people and try to understand things”. Seems pretty simple, huh? Maybe for some, but not me. I falter regularly and I always have these words to help me gain focus and try again. How can we apply this to our professional lives?

Be good to people and try to understand things. This is very important as we work with our clients, our employees/coworkers, and even our competitors. We must never be an “ignorance predator”. Many clients are ignorant of how trees work, tree risk, and what a “professional” is. So many get preyed on by nefarious players. Lichen is not killing their tree. Psocids are not monster insects there to devour their tree. Removing every limb over the house will not decrease risk. Sap sucker holes are not “deadly borers”. Removing all interior limbs to let “wind to pass through” is not risk reduction. Small holes in healthy pines is not a “horrible pine beetle” attack. A tree tall enough to hit the house in a hurricane is not dangerous. These examples sound funny and preposterous, but they are real examples of “ignorance predators” at work. Care for your clients and their trees. Be good to people and try to understand things.

Employees and coworkers are humans with value and stories all their own. We must cherish each other. As employers we must always ensure our employees are safe and secure, and as coworkers we must watch over each other. Respect and dignity are key. Safety never “gets in the way of production”. It’s “never too hot” to wear chaps or hardhats. Be good to people and try to understand things.

Competitors can be pains in the butt, right? We know we’re better than them, right? We’re more expensive than them, but our value is greater, right? Our safety culture is way better than theirs, right? We have better insurance, right? We do way, way better work, right? Do you feel a sense of happiness when they’re broken down on the side of the road in the rain? These are normal competitive feelings. The challenge is to rise above these negatives. Help them on that rainy
day. Wave and say hi when you cross paths. Have a training day or friendly “tree work competition”. Work together to learn and grow. Be good to people and try to understand things.

I know 2020 will bring challenges that will test all of us in some way. Let’s make the best of it. Be good to people and try to understand things.

Rob Calley
President, Florida Chapter ISA (2020)
borders the state’s central east coast, from its northernmost point in Micco, Florida, to its southernmost point in northern Palm Beach County.

For several years, growers across the state have noted that citrus trees that stood under oak tree canopies, or alongside oak trees, are healthy. However, grapefruit trees in a row or two away from the oak trees showed signs of HLB.

Rossi, along with his UF/IFAS and U.S. Department of Agriculture colleagues, works to develop management tactics for production of fruit on trees affected by HLB. Marco Pitino and Robert Shatters with the U.S. Department of Agriculture U.S. Horticultural Agricultural Service in Fort Pierce, along with Rossi, were responsible for design of the experiment and preparation of the manuscript. Liliana Cano, a plant pathologist with UF/IFAS, and Kasie Sturgeon, Christina Dorado and John Manthey were responsible for planning, conducting the experiment, and analysis of data and preparation of the manuscript.

Rossi’s co-workers who study citrus horticulture and hydrology developed water and nutrition management practices. Irrigation and plant nutrition remedies help HLB-affected trees tolerate the disease and extend their production years. Projects funded by the Citrus Research Development Foundation and the USDA are underway.

Rossi and his collaborative research scientists have also been conducting research experiments to test the growers’ field observations, which they found to be a positive option to help the growers manage operations with infected fruit trees. The scientists’ work appears in this month’s issue of Plant Physiology and Biochemistry, an internationally prominent science journal. “Quercus leaf extracts display curative effects against Candidatus Liberibacter asiaticus that restore leaf physiological parameters in HLB-affected citrus trees,” is the publication title. Quercus is Latin for oak; Candidatus Liberibacter asiaticus is the scientific name for HLB.

“We found that the application of oak leaf extracts in a greenhouse provides substantial inhibitory effects against the bacterium that causes HLB,” said Rossi.

The researchers’ findings were that citrus leaves treated with oak extracts showed a decrease in the presence of bacteria. Other research results were increased chlorophyll content and plant nutrition. The HLB-affected citrus plants treated with oak leaf extract were better able to uptake nutrients than were the citrus plants treated with only water.

“This study suggests that oak leaf extract will provide a new management treatment program to protect trees that have HLB,” said Rossi. “We will continue to develop a protocol for growers to produce our high-value citrus crops and to reduce the symptoms of HLB on the trees.”
Let’s Not Murder The Crape Myrtle Trees
By Betty Montgomery / More Content Now

It is crape murder time again. The time when landscapers do not have enough to do so they murder crape myrtle trees. Why? That is a question I have asked myself for years. Why would someone cut a beautiful tree in half? They do not do it to other trees so why do they do it to crape myrtle trees?

Crape myrtles are a great Southern tree. They come in all shapes and sizes, and they have lovely flowers that come in colors ranging from red to pink to purple to white and colors in between. Most crape myrtles have lovely fall color and beautiful exfoliating bark for winter interest. They perform best in full sun and have very few diseases or insect problems. They are the great trees if you choose the right variety and require minimal pruning.

Although crape myrtles are fantastic trees, many people have no clue how to prune them. Crape myrtles need little or no pruning. Yet, why do people butcher these trees? I was horrified last week when I saw a pruning company cutting some beautiful crape myrtle trees in half. Why?

If you want to limb them up some or cut off suckers or small branches, that is fine. However, most people tend to prune these lovely trees incorrectly. Some tree experts refer to this type of pruning as crape murder. It is better not to prune at all than to prune incorrectly. Often times a landscape crew will commit crape murder.

Then, seeing this, the neighbors will follow their lead and they too will commit crape murder. Please, please do not prune your crape myrtle trees in this way. They are much prettier left to grow naturally with only a little thinning of branches that are crossing one another or to make the tree less dense.

The blooms of a crape myrtle tree are grown on new wood. It is a false notion to think that heavy pruning will produce more blooms. The blooms might be a little larger but they will be fewer in number. You get a lovelier shape and many blooms if you leave your tree alone.

Today, there are many different crape myrtle varieties from which to choose. If you are selecting a crape myrtle, think about size and cold-hardiness first, along with

Myrtle continued on page 6
flower color. Depending on the variety, you can have fabulous summer flowers, brilliant fall color and beautiful exfoliating bark in the winter as well as a handsome silhouette. With so many cultivars on the market, it is not difficult to find the perfect size and flower color you desire. Plus, be sure to remember to ask about fall color.

If you are thinking about planting a crape myrtle, there are a range of considerations. The most important one is to find out the mature size of the variety that you are considering. There are all sizes of crape myrtles on the market today from 3 to 20 feet in height. Do not buy a crape myrtle that is labeled to grow 20 feet tall expecting to keep it pruned to 14 feet. Purchase a variety that grows to the desired size you want.

If you now have a variety of crape myrtle that is too large and you want to keep it, cut it to the ground. When the shoots emerge, let them stay for a year. The following winter, thin out the shoots to one, three or five branches that grow into trunks.

Avoid excessive watering, pruning or fertilizing in the late summer which forces new growth that will not have time to harden and is likely to be killed by winter cold. Many garden centers have these charming trees for sale. Read the tag carefully and see what it has to say about the variety.

Michael Dirr, an expert on woody plants, says that one of the most important things about cold-hardiness is not to fertilize in the late summer. He says that this is one reason nurseries lose crape myrtles. The trees need to start shutting down for fall in August and the cold weather to follow.

Remember, crape myrtle trees are like redbuds, ornamental cherries, ornamental crab apples and other trees that are sold for the home landscape, and no one prunes them in half. Let the lovely crape myrtle tree grow its natural shape and if you want one that will fit under a power line or in a small space, remember, you can find varieties that are 3 feet, 12 feet and taller so choose the right variety for the space.

Betty Montgomery is a master gardener and author. She can be reached at bmontgomery40@gmail.com. 

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At-the-door registration available
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ERIC HOYER, CA, RCA, CF
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Florida Chapter Board Updates

BOARD SHORTS:

ELECTION RESULTS FOR 2020

The Florida Chapter membership voted to approve new board members:

- Vice President: Kimberly Pearson (becomes President in 2021)
- Treasurer: Alison Summersill
- Municipal Representative: Matthew Anderson
- Utility Representative: Barry Grubb

The Florida Chapter board voted to approve President Rob Calley’s appointees for the at-large positions:

- At-Large: Erik Nobs
- At-Large: Ronnie Simpson

Welcome and thank you, Florida ISA board members, for agreeing to participate on our board.

Florida Chapter ISA membership is always welcome at any board meeting (see schedule on page 24). Please let us know if you plan to attend by emailing neasey@floridaisa.org.

HATS OFF TO EXITING FLORIDA ISA BOARD MEMBERS

Thank you for your dedication and input into the Florida Chapter. The Chapter appreciates your service to the board and to the Chapter membership:

- Past President: Scott Shultz
- Utility Representative: Ron Collins
- At-Large: Gareth Coggan
- At-Large: Dr. Jason Smith

We welcome back board members who are returning after election:

- Municipal Representative: Kimberly Pearson who returns as Vice President
- Treasurer: Alison Summersill who returns again as Treasurer.

FLORIDA CHAPTER ISA GRANTS

The 2020 Grant pre-proposals for research and education will be accepted until April 1, 2020. Click to access the application and the instructions. Email completed pre-proposals to Grants@floridaisa.org.

Read a previous write-up about two current University of Florida projects headed by Dr. Brian Bahder and Dr. Jason Smith.

SAVE THE DATE
for TREES FLORIDA 2020

June 15-17, 2020

Clearwater Beach
Sheraton Sand Key Resort
AREA Student Travel Grant

The Arboriculture Research and Education Academy (AREA) is offering competitive travel grants for students interested in attending and presenting their research at the 2020 ISA Annual International Conference and Tradeshow in Albuquerque, New Mexico in September.

Students will be awarded the AREA Student Travel Grant which will help offset the travel and hotel costs for the 2020 conference. Grant recipients from North America will receive $750 (USD), and recipients from outside North America will receive $1,000 (USD). Up to two grants are available for students who reside outside North America. Recipients will also receive complimentary conference registration and a complimentary ticket to the AREA Meeting and Social event.

Student Travel Grant winners will give a 10-minute presentation based on an abstract submitted during the application process to an audience of academics, researchers and others during the AREA sessions at the conference. The conference presentation needs to be relevant to the AREA sessions which focus on the technical and scientific aspects of arboriculture and urban forestry. Preference will be given to talks that include data. Additionally, all applicants require a letter of support from a teacher or professor that must be submitted to membership@isa-arbor.com prior to the deadline. Lastly, applicants are required to submit a summary (200-300 words) highlighting their experience at the 2020 conference for the AREA Newsletter.

To apply for the AREA Student Travel Grant please visit https://www.surveymonkey.com/r/PJVPTS3.

Applications for the grant will be accepted through midnight, Eastern Time, 6 March 2020. Only completed applications will be considered. No late applications will be accepted.

FLORIDA CHAPTER SCHOLARSHIP

Students! Remember to submit your scholarship application to the Chapter office no later than June 15th for the 2020 Fall scholarship.
News From International

ISA No Longer Selling CD-ROM Version of ‘Introduction to Arboriculture Course’

ISA is no longer selling the ‘Introduction to Arboriculture’ CD-ROMs due to increased customer service issues with the CD-ROM Flash Player technology. In 2017, Adobe announced it would no longer support Flash Player by the end of 2020, and updates made by Microsoft and Google in 2020 have made CD-ROMs unusable on many computers. Because of this, ISA is encouraging English language users to take advantage of the online ‘Introduction to Arboriculture’ course which is available now on the ISA store and regularly being updated with new and improved media.

Audio CDs (such as for the Arborist Study Guide) are still available for purchase.

For Spanish language users, ISA is in the process of creating an online version of the Introduction to Arboriculture course. This is slated to go live in summer 2020. If you purchased the CD-ROMs within the last year or have questions, please contact the ISA Customer Service Center at isa@isa-arbor.com.

OSHA Tree Care Operations SBREFA Panel

The Occupational Safety and Health Administration (OSHA) is working to create a tree care standard and will be soliciting for Small Employer Representatives (SERs) to participate in conference calls.

The primary focus of a potential Tree Care Operations standard would be to protect workers in the tree care industry who are routinely exposed to a variety of common hazards. The potential standard would be a new standard in 29 CFR Part 1910: Tree Care Operations. Input from the tree care industry on the content of this standard will be critical as OSHA moves forward to the drafting, approval and implementation process.

As a requirement of the Small Business Regulatory Enforcement Fairness Act (SBREFA), OSHA is planning to hold a Small Business Advocacy Review panel in early 2020. The panel will consist of members from the Office of Advocacy of the U.S. Small Business Administration, OSHA and the Office of Management and Budget’s Office of Information and Regulatory Affairs. The panel will listen to and report on what SERs that would potentially be affected by the draft rule have to say.

As a SER, participants will be sent a packet of documents to review in addition to participating in a conference call to provide information on how to perform certain tree care activities, address hazards, provide training or any topic that may be brought up regarding tree care operations. There will be a series of calls to choose from, but SERs only attend one.

At this time, dates and times for the calls have not been set, however, OSHA is requesting individuals interested in being a SER provide their information. Once dates and times are set, SERs will be contacted to decide if they would like to proceed with being part of this process.

If you are interested in participating in the conference calls, please send the following information to Amy Wangdahl at wangdahl.amy@dol.gov:

Name, Company, Industry, Email and Phone number

For more information please visit the OSHA website.

Florida Chapter ISA Awards Program

The Florida Chapter ISA Awards Program is all about spotlighting and honoring deserving arborist, industry professionals and educators.

The process is easy.

Just fill out the half-page form found on the Florida Chapter website and send it in.

Applications are due to the Chapter office by MAY 15th
FLORIDA CHAPTER TREE CLIMBING CHAMPIONSHIP

March 7-8, 2020
Osceola Heritage Park
Kissimmee, FL

All Climber spots are filled.

If you would like to be on the waiting list, volunteer to help and inform Jan Easey that you would like to be added to the list.

MAIL, EMAIL, OR FAX YOUR VOLUNTEER FORMS, SPONSOR FORM OR EXHIBITOR FORM & PAYMENT TO:

Florida Chapter ISA
7853 S. Leewynn Court
Sarasota, FL 34240
FAX: 941-342-1463
Email: jan@floridaisa.org
(make checks payable to Florida Chapter ISA or include ALL credit card information)

Volunteers
Volunteers are needed for site preparation, event assistance and judging.
Click Here for Volunteer Forms

Sponsors
Sponsors are greatly appreciated at our annual event!
Monetary and/or gear donations are accepted.
Click Here for Sponsor Forms

EXHIBITORS
Join us on Saturday for a full day of exhibiting.
Click Here for Exhibitor Forms

Contact the committee chairs above if you have any questions about competing or volunteering, or being an exhibitor or a sponsor! We all look forward to seeing Florida’s best climbers compete for the opportunity to represent the Florida Chapter at the International Tree Climbing Championship in 2020.

COME AND WATCH YOUR FAVORITE CLIMBER SHOWCASE THEIR SKILLS!
A partnership between the private sector and the state has made a dent in the need to reforest the Panhandle in the wake of Hurricane Michael, but with millions of acres lost each year to forestland around the world, the time for trees, both here and around the planet, is more urgent than ever before.

That was the message of William Liner, urban forestry program manager for the Florida Forest Service, whose Arbor Day speech at the Mill Pond Saturday morning, “The Time For Trees,” drew an enthusiastic audience.

After acknowledging the nearly 150-year history of the “fun and inspirational holiday that aims to inspire positive human traits like hope, teamwork, and stewardship,” Liner moved quickly to outline “another, often overlooked quality” of the holiday.

“Heavy Day is a holiday of urgency. From its beginning 148 years ago, it has been a celebration about recognizing a time-sensitive problem and acting urgently upon a solution,” he said.

“Trees are amazing, but they take years grow to the size we want and sometimes decades to fill the niche we need. The holiday is about recognizing that fact and realizing the old adage is true: the best time to plant a tree was 20 years ago, the second-best time is today.”

Liner described a presentation he recently heard by Dan Lambe, president of the Arbor Day Foundation, about their new initiative “The Time for Trees.” Lambe had painted a picture about the ongoing crisis facing humankind, which included polluted air and waterways negatively impacting human health, cities hotter than ever and getting warmer due to the heat island effect, shifting weather patterns that leave communities more vulnerable to disasters, and a society with access to powerful social technologies but more polarized and isolated than ever.

“The time for trees is now, a critical part of the way forward into this new decade. Obviously, trees will not solve anything and everything, but there is solid research and experience that undeniably points to trees as an important part of the solution to these problems facing mankind,” Liner said. “Every year we learn more about how trees benefit human health, how trees reduce energy consumption, and how trees restore ecosystems. Though these things are just being quantified and scientifically explained, these are not new ideas.”

He noted that cities such as Savannah, Georgia; New Orleans, Louisiana; and here in Apalachicola, all founded over 150 years ago, well before the first celebration of Arbor Day, each prioritized the establishment of publicly accessible parks or squares filled with trees for citizens to enjoy.

“Today these cities are home to world famous parks and trees, still open to the public for the enjoyment of residents and visitors alike. It is with that same forward focus and that desire to establish a lasting, meaningful legacy that the Arbor Day Foundation and its partners embark on the Time for Trees initiative,” Liner said.

Time for trees continued on page 14
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“Participation of communities large and small is a vital component of this new initiative and some of the most beautiful parks and thriving organizations I know are in small towns.”

He said the Arbor Day Foundation has pledged to engage 5 million volunteers and to plant 100 million trees in forests and communities around the world within the next two years.

“Through these tree plantings, the foundation hopes to restore forests, strengthen communities, and to inspire people. Here in the Florida Panhandle, we are feeling the need for trees right now more than most. We have all seen the terrible destruction caused by Hurricane Michael and the countless trees left bent, battered, and broken by its fury,” he said.

A partnership between the Arbor Day Foundation, Florida Forest Service, and other sponsors has provided residents of five of the impacted counties with over 12,000 trees, Liner said.

“But this has only scratched the surface of the reforestation need in the Panhandle. It is my hope and my goal that we can work together to ensure that the Time for Trees initiative helps us replace the tree canopy lost during the storm,” he said. “100 million trees is a lofty goal and will make a significant positive impact on the world around us, however, that is only the start.”

He said that globally, around 18 million acres of forestland is lost each year to development, wildfires, insects, diseases, and other natural disasters.

“Don’t be intimidated by the large numbers, the most important thing is you,” Liner said, urging people to learn more at www.timefortrees.org.

“The Arbor Day Foundation is certainly a reputable non-profit, but there are many other great tree planting organizations you can get involved with. Or you can participate completely on your own,” he said. “Plant a tree in your yard, volunteer with a local group, or look into the global initiative. No matter how you prefer to participate, I encourage you to support the planting of trees for the benefit of your family, of your community, and of the world.

“It doesn’t require a pledge of hundreds or thousands of dollars, or a commitment to plant thousands of trees. Every tree planted counts, every personal effort matters, and time is of the essence,” he said.

Dennis Winterringer, chair of the Apalachicola Tree
Committee, said three other experts - Ryan Hensel, senior/county forester with the Florida Forest Service, Apalachicola resident Alex Skovronsky, forester at Tate’s Hell State Forest, and Edwin Duke, with the Florida A&M University Extension Service and professor teaching horticulture and plant biochemistry – joined Liner in providing help in answering questions about tree planting and care.

“The weather gods favored us with a sunny day,” he said. “We had a steady stream of persons visiting our booths.”

Apalachicola Mayor Kevin Begos earlier in the week signed a proclamation designating Saturday, Jan. 25 as Arbor Day in the city.

Winterringer said Hensel and Skovronsky handed out for free 80 live oaks and long leaf pines provided by the forest service, while Duke answered questions on tree care and proper ways to prune trees. City Commissioner Anita Grove, who works as communications coordinator for the Apalachicola National Estuarine Research Reserve, handed out ANERR information on Apalachicola Bay-friendly landscaping.

In addition, Master Gardeners answered plant questions, Bring Me a Book Franklin gave away children’s books about trees, and the Franklin County Ukulele Orchestra and Choir entertained with tree songs.
OSHA plans to convene for possible Tree Care Operation Standard

Dripline.net
December 29, 2019

OSHA is planning to convene a Small Business Advocacy Review panel in early 2020 on a possible tree care operations safety standard.

The panel will consist of members from the Office of Advocacy of the U.S. Small Business Administration, OSHA, and the Office of Management and Budget’s Office of Information and Regulatory Affairs, will listen to and report on what Small Entity Representatives that would potentially be affected by the draft rule have to say.

According to a press release on Dec. 17th from the Small Business Administration, the potential standard would likely cover “employees who perform tree care operations, such as pruning, maintaining, repairing or removing trees, as well as establish safe work practices for such operations.” The regulation would apply to municipalities along with employers who “occasionally perform tree care and removal as part of their primary operations (examples include, residential and commercial construction and remodeling, landscaping, golf course maintenance, power and pipeline clearing, certain agricultural operations, etc.).”

This potential standard would be found in 29 CFR Part 1910: Tree Care Operations.

The Small Business Administration is seeking volunteers to assist the panel, namely from small businesses, small nonprofit organizations and small governmental jurisdictions. Employers potentially affected by the proposed rule are asked to contact Bruce Lundegren, assistant chief counsel at SBA, at bruce.lundegren@sba.gov or (202) 205-6144.

According to the Fall 2019 Unified Regulatory Agenda published on Nov. 20th, OSHA uses a patchwork of standards to address hazards in the tree care industry, which petitioned the agency for rulemaking more than a decade ago. OSHA issued an advance notice of proposed rulemaking in September 2008.

http://dripline.net/osha-plans-to-convene-for-possible-tree-care-operation-standard/?fbclid=IwAR2o_s_0HmZETd3OV2Mga5yLv5hIKzukZ6gRpnfGKdCUohOLxylzCMs5c

ISA Tree Risk Assessment Qualification
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1-DAY RENewAL:
TUESDAY, MAY 12, 2020

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FULL 3-DAY CLASS:
WEDNESDAY thru FRIDAY, MAY 13-14-15, 2020

JUST A FEW SEATS LEFT!

Earn CEUs: Certified Arborist, Municipal Specialist, Tree Worker Specialist and BCMA
From Your TREE Fund Liaison Chair - Bill Armstrong

TREE Fund News and Updates

My first opportunity to participate in a TREE Fund meeting was both informative and exciting. The meeting was held in Atlanta before Christmas at the new ISA International headquarters. We toured the facility and were impressed with its state-of-the-art technology, design for efficiency and the great view from the 14th floor of Atlanta and the Smoky Mountain foothills. Of special interest was the 24’ conference table made from a hickory tree recently killed by lightning. The tree was planted in Connecticut in 1907 at the Bartlett Headquarters by none other than the founder F.A. Bartlett.

Mr. Russell King, the new CEO of TREE Fund spoke with the group. He is energetic, enthusiastic and has a wealth of experience helping non-profits succeed. He stated that his primary focus will be furthering TREE Fund’s mission, no upheavals are needed. If his energy is any clue, the TREE Fund will greatly profit from his leadership.

New Directions

There’s movement to expand the fund’s impact to reach a larger audience, involve new groups as liaisons, attract contributors from a broader field and continue to expand the diversity of the board. We are looking for organizations with similar missions that might join the TREE Fund as liaisons. I welcome any ideas you might have.

Webinars

Four webinars are being offered this year and CEUs are included. Check out the list and learn from the best.

Fighting Microbes with Microbes to Protect Our Native Trees
June 16, 2020, at 12 pm (Central)
Rachael Antwis, PhD, University of Salford

Enhancing Tree Health in Water Sensitive Urban Design: Role of Mycorrhizae
July 14, 2020, at 12 pm (Central)

Brandon Winfrey, PhD, Monash University

Soil Management for Urban Trees Part 2: Actions
Sept. 29, 2020, at 2 pm (Central)
Bryant Scharenbroch, PhD, Assistant Professor of Soil Science, University of Wisconsin – Stevens Point, Research Fellow of The Morton Arboretum

Measuring Multi-Stemmed Trees
Oct. 13, 2020, at 12 pm (Central)
Yasha Magarik, Yale School of Forestry and Environmental Studies
Lara Roman, PhD, USDA Forest Service

TREE Fund’s one-hour webinars are free and offer 1.0 CEU credit from the International Society of Arboriculture. Here’s the link to register: https://treefund.org/archives/19464

Another item of interest, Drs. Koeser and Hauer’s webinar, “Cultivating Innovation – Documenting 15 years of TREE Fund Research Impact” is available on the TREE Fund website.

Tour Des Trees

Last year the Tour had 80 riders and raised $380,000 for research and education. The 2020 Tour will be in Colorado and has the moniker “Rollin’ the Rockies”. TREE Fund is pleased to announce that the ride will be held from August 29 to September 4, 2020 in beautiful Colorado with a target distance of ~300 miles over five full days of riding. ISA Rocky Mountain Chapter is collaborating with TREE Fund on the 28th annual staging of the TREE Fund’s most important community engagement event.

Registration is now open and closes June 15th. If riding 75 miles a day for a week is a bit too much for you, options are available to ride even 1 day – so it’s time to get the tires inflated on old Betsy and start putting in some miles. The money goes to a great cause! The link for Tour information is: https://treefund.org/tourdestrees.
A new marketplace was created. New terminology, new opportunities abounded, new tree research, new institutions were created; the International Society of Arboriculture (ISA) was founded. The American Society of Consulting Arborists (ASCA) came into existence along with Tree Care International (TCI) – all never before thought of.

As the divide between citizens and developers widened, tempers, attitudes, and actions became more hostile. Little old blue-haired ladies chained themselves to trees, keeping them, at least temporarily, from being removed by the nearby idling bulldozers. Little old men in hats and over-the-calf white athletic socks roamed streets looking for violators and violations. Aspiring elected officials became keenly aware that the love of trees, or the presumption of such, was the golden ticket to getting elected.

Citizens demanded more stringent rules and legal lines in the sand to be drawn in an effort to save trees. Science gave way to mass hysteria when it came to tree preservation. Money was being made hand over fist by the newly minted urban forester working in a new woods, the urban forest. The rules of the road got more restrictive and power-hungry egomaniacs were placed into government positions to enforce the new tree ordinances. The cost of building homes rose, as did insurance rates for the insured. The costs of tree mitigation were deal breakers for developers looking to build communities.

It was no longer just a matter of trees; it was trees and people that drove the ever-increasing insanity of tree codes and ordinances. While the new tree ordinance enforcers may not have known the science of trees or tree biology, they learned the ordinances and how to enforce them.
Business strong.

“There was no standard of excellence anywhere, we were already considered the elite in the Southeast. TCIA Accreditation validated that.”

Russell Lee | Vice President of Tree Care Operations
Downey Trees, Inc., Cumming, GA
Accredited since 2007

Set your company apart. Get Accredited!

▲ Compete among the most professional companies in the field
▲ Attract career-driven, loyal employees who take pride in their work
▲ Increase profits and reduce insurance rates and other costs

On average accredited companies earn approximately 30% more gross revenue per production employee than a non-accredited TCIA member company.

— Accreditation program statistics

Contact us - Accreditation@tcia.org
for a free assessment and to see what TCIA Accreditation can do for your business.

TREE CARE INDUSTRY ASSOCIATION
800.733.2622 • tcia.org • Advancing tree care businesses since 1938
Trees that should have been removed due to dangerous conditions were left standing in the name of the law, citizens were denied due process. Inverse condemnation situations occurred as good folk were denied the reasonable use of their land because of a tree’s location on their lot. All this while citizens demanded even more and stricter laws regarding tree preservation.

People and people’s property became injured or died because dangerous trees could not be removed because of tree ordinances. People of less financial means were hard strapped for the money it took to pay for a tree permitted for removal. A hot mess ensued.

How things changed in Florida

In Florida last year, an elected official in the State House of Representatives introduced a Bill that circumvented tree ordinances after he himself was pressed hard against local ordinances to remove a tree in his back yard as hurricane warnings were posted. Since the Bill that became law allowed a tree to be removed without the need of a permit, no mitigation fees were required, no red tape. No administrative reviews, just a report from an ISA-certified arborist or landscape architect stating the tree was a danger. Bingo! The tree could be removed. There are well-placed people in the state capital who want tree ordinances removed altogether.

As is common in many industries, a few dishonest arborists are making money in tree removals based upon the new Bill. These scallywags are going door to door, or placing advertisements stating they will remove any tree after they inspect it and condemn it according to the new Bill. Mayhem ensues and one case has already gone to court. Attorneys are poised, ladies and gentlemen open your checkbooks.

The pendulum swings; this time it was in the wrong direction for those who make a living enforcing tree ordinances, and for all the money that came from tree ordinances to fix potholes in the streets to most any category of need in a community including streetlights. Government jobs are at risk for urban foresters employed by city and county to enforce tree ordinances. Consultants are quickly realizing that there may not be trees to consult with anymore. People are justifiably panicked. Of course, developers are thrilled.

But change is inevitable. Of course, for some, the change comes too quickly; for others, not quickly enough. Cities and counties are scrambling to revise tree ordinances to make them more user-friendly. Property rights is a term being looked up in the dictionary apps. Article 5 of the Bill of Rights is coming to the attention of our elected officials; at least, the last sentence is being scrutinized in an effort to level the playing field for all players.

The landscape for arborists is also rocky. Remember that to whom much is entrusted, much is also expected.

Should you know of arborists in the marketplace capitalizing in an unethical application of tree removals, take heart. Unethical arborists are being sued and going to court in a losing situation. The gavel is coming down against them, it has already happened. There is a professional Standard which should be applied when writing a report for tree removal consistent with HB 1159. We all know it as the Risk Assessment; ANSI A300, Part 9. If this Standard is at the forefront of your opinion for tree removal, you stand on safe and hallowed ground regarding your opinion for removal.

It may feel like the ball is now in our court, but if we fail to act professionally, we may find ourselves in a different kind of court. And civil courts, unlike their name, can be brutal.
**Florida Chapter ISA - 2020 Education Schedule**

*The schedule below is tentative and subject to changes.*

<table>
<thead>
<tr>
<th>Date</th>
<th>Seminar/Class</th>
<th>Location (s)</th>
<th>Open for Registration</th>
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</thead>
<tbody>
<tr>
<td>March 6, 2020</td>
<td>Outdoor Tree School</td>
<td>Kissimmee</td>
<td>At-the-door registrations: $100</td>
</tr>
<tr>
<td>April 2-3, 2020</td>
<td>2-Day Arboriculture Short Course</td>
<td>Tampa Area</td>
<td><a href="#">Register</a></td>
</tr>
<tr>
<td>May 12, 2020</td>
<td>TRAQ Renewal 1-day</td>
<td>Fort Lauderdale</td>
<td><a href="#">Register</a></td>
</tr>
<tr>
<td>May 13-15, 2020</td>
<td>TRAQ Full course: 3-days</td>
<td>Fort Lauderdale</td>
<td><a href="#">Register</a></td>
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<tr>
<td>May 13, 2020</td>
<td>Climber School</td>
<td>Fort Lauderdale</td>
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<tr>
<td>June 15-17, 2020</td>
<td>Trees Florida 2020</td>
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<tr>
<td>TBD Fall</td>
<td>2-Day Tree Appraisal Qualification with exam</td>
<td>TBD</td>
<td>Postponed</td>
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</tbody>
</table>

The Florida Chapter of the International Society of Arboriculture (ISA) is a non-profit organization committed to serving the needs of Florida’s professional arborists and tree-care consumers.

* Florida Arborist Spring 2020

**Preserve Florida’s Greatest Green Resource - Trees!**

Through your purchase of the TreesAreCool License Plate for your vehicle, you help benefit our Florida urban environments through:

- Tree research
- Scholarships
- Ongoing education of tree-care practitioners
- And provide public education programs about tree care and preservation.

_The Tree Tag...Get it Today!_
Welcome!

New Florida Chapter Members

Here are the individuals that joined the Florida Chapter during the fourth quarter of 2019. 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.

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Name</th>
<th>Location</th>
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<tbody>
<tr>
<td>Gabriel Almonte</td>
<td>Saint Cloud, FL</td>
<td>Greg Fears</td>
<td>Saint Petersburg, FL</td>
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<tr>
<td>Jason Anderson</td>
<td>Key Largo, FL</td>
<td>Jerry Gerena</td>
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<tr>
<td>Patrick Arena</td>
<td>Palm Coast, FL</td>
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<td>North Port, FL</td>
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<td>William Gurney</td>
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<td>Donald Benson</td>
<td>New Port Richey, FL</td>
<td>Jonathan Haber</td>
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<td>James Benzie</td>
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<td>Christopher Berman</td>
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<td>Alexandria Hancock</td>
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<td>Paul Burns</td>
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<td>Kelsey Harper</td>
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<td>Jeffrey Burr</td>
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<td>Etienne Hernandez Perez</td>
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<td>Jessie Bush</td>
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<td>Frank Jaques</td>
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<td>Sergio Caceres</td>
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<td>Kevin Jester</td>
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<td>Jacob Calaway</td>
<td>Freeport, FL</td>
<td>Royce Johnson</td>
<td>Valrico, FL</td>
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<td>Chung-san Cheung</td>
<td>Hong Kong, .</td>
<td>KATE Johnston</td>
<td>Sarasota, FL</td>
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<td>Martin Chiki</td>
<td>Pensacola, FL</td>
<td>Paul Jones</td>
<td>Clearwater, FL</td>
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<td>Juan Chun- Ramos</td>
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<td>William Loftus</td>
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<td>Warren Miller</td>
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<td>Omar Morales</td>
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<td>Ramon Negron</td>
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<td>Sean Nelson</td>
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<td>Phillip Oxendine</td>
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<td>Alexander Reeber</td>
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<td>Leigh Ryser</td>
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<td>Rahim Vedaee</td>
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<td>Grace Waesche</td>
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<td>Todd Warren</td>
<td>Stuart, FL</td>
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<td>Peter Waxman</td>
<td>Tequesta, FL</td>
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<td>Anthony Wichlenski</td>
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<td>Nick Wladyka</td>
<td>Punta Gorda, FL</td>
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*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 2020 Board Meeting - Dates & Locations
February 21, 2020: Orlando
April 17, 2020: Orlando
June 14, 2020: Clearwater
September 18, 2020: Orlando
November 13, 2020: Orlando
Arborist Certification Committee Report
By Norm Easy, Florida Certification Liaison

Click here to view all scheduled exams; clicking on the “state” column will group all Florida exams together for easy searching. The ISA Certified Arborist exam at Pearson Testing Centers throughout Florida.

See the ISA International website www.isa-arbor.com for more information about the various ISA arborist credentials and how to earn them.

Florida Chapter currently has 2023 Certified Arborists.

The Florida Chapter would like to congratulate the following 34 Florida or Florida Chapter individuals for earning their certifications as Board Certified Master Arborist, Certified Arborist, Municipal Specialist, and Utility Specialist:

**Board Certified Master Arborist**

Todd Degner, Tallahassee, FL

**Certified Arborist**

Leopold Adler, Fernandina Beach, FL
Oscar Ruiz Álvarez, Naples, FL
Jacob Begley, Titusville, FL
Joseph Brooker, Tampa, FL
Jessie David Bush, Homestead, FL
Sergio Caceres, Orlando, FL
Matthew Campbell, West Palm Beach, FL
Christopher Cawley, Miami, FL
James Dautel, Plantation, FL
Laura Gibson, Bonita Springs, FL
Candice Grant, North Port, FL
Walter Gravely Jr., Orlando, FL
Robert W. Hall Jr., Tampa, FL
Alexandria Hancock, Saint Petersburg, FL
Caitlin Hill, Miami, FL
Richard Infinger, Panama City, FL
Kevin Will Jester, Spring Hill, FL
Paul A. Jones, Clearwater, FL
Ryan Joyce, Apollo Beach, FL
Thomas Locke, Tallahassee, FL
Kelly McPherson, Gainesville, FL

Davis Mendoza, Miami, FL
Kelly Mills, Palm Beach Gardens, FL
Scotty Moseley, Andalusia, AL
Justin Newton, Seminole, FL
Tony Padgett, Brandon, FL
Gregory Piechowicz, Ocala, FL
Michael Pshar, Tampa, FL
Alexander Roman, Naples, FL
Conrad Wysocki, De Leon Springs, FL

**Municipal Specialist**

Richard Leon, Jacksonville, FL
Michael Lousias, Tampa, FL

**Utility Specialist**

Brian Valle, Orlando, FL

Are you thinking about becoming certified?

Visit the International ISA website

To access the certification application handbook with further information.
Please PRINT or TYPE:

Contact Name ____________________________
Company ________________________________
Address _________________________________
City ___________________ State ___________ Zip __________
Phone # ______________________ EMail Address ______________________

Please list the names of the individuals (and tee shirt sizes) who will be representing your company (registration is for two representatives per exhibitor booth for Saturday only)

Name on badge 1 ____________________________ Tee Shirt size ________
Name on badge 2 ____________________________ Tee Shirt size ________

Lunch preference: ☐ Regular lunch ☐ Vegetarian lunch

**MONETARY PAYMENT**

Payment: ☐ Charge to Visa, MasterCard or Discover ☐ Check enclosed (payable to Florida Chapter ISA)  Check # ______
Card Number __________________________________ Exp Date _____________ CV Code ________
Name on Card _________________________________
Card Billing Address (if different than above) ________________________________________________
Card Billing City/State/Zip ____________________________

**IN-KIND EQUIPMENT, GEAR OR PRIZES**

If you plan to include gear or prizes for the TCC as part of your payment, or in addition to your exhibitor space registration, please describe your item(s) below and include a monetary value (required). Please contact the Florida Chapter prior to shipping items: jan@floridaisa.org

MAIL FORM OR ITEMS TO: Florida Chapter ISA - 7853 S Leewynn Court - Sarasota, FL 34240
or SCAN/EMAIL or FAX to: jan@floridaisa.org  FAX: 941-342-0463  PHONE: 941-342-0153
CLICK HERE TO VIEW SPONSOR BENEFITS

SPONSOR FORM: Sponsorship Levels listed on next page
Florida Chapter Tree Climbing Championship
See www.floridaisa.org for full details on dates, location and due date.
Fill out and send this Sponsor Form.
Read details regarding sponsor benefit levels.

Please PRINT or TYPE:

Name __________________________________________________________________________
Company ________________________________________________________________________
Address ________________________________________________________________________
City __________________________ State ________ Zip ________________
Phone # ( ______ ) __________________
EMail Address (for contacting and to send a receipt) ________________________________

MONETARY DONATION

Amount $ ______________________

☐ Check enclosed (Make out to Florida Chapter ISA)
☐ Cash Enclosed
☐ Credit Card  ☐ VISA  ☐ MasterCard  ☐ Discover

Card Number _________________________________________________________________
Exp. Date ___________________________ 3 or 4 digit Card Code ______________________
Exact name on card ____________________________________________________________
Card billing address ____________________________________________________________
Card billing City/State/Zip _______________________________________________________

Your receipt will be emailed to you (please provide an email address above).

PLEASE SEND YOUR MONETARY DONATION WITH THIS DONATION FORM TO:
MAIL: Florida Chapter ISA - 7853 S Leewynn Court - Sarasota, FL 34240
PHONE: 941-342-0153
FAX: 941-342-0463
EMAIL: floridaisa@comcast.net (you may submit this form as an email attachment)

DONATION OF EQUIPMENT, GEAR OR PRIZES

Please describe your donation below. Include a monetary value if you would like a receipt to be emailed to you (please provide an email address above).
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________

PLEASE SEND YOUR DONATED ITEM(S) WITH THIS DONATION FORM TO:
BY MAIL, FED EX or UPS: Adam Jackson - 2111 Edmands Place - Apopka, FL 32703
Please PRINT or TYPE:

Name _____________________________________________________________
Company __________________________________________________________
Address ____________________________________________________________________________
City __________________________ State ___________ Zip ______________
Phone # ( _____ ) ______________________ T-Shirt size (volunteer early so we can provide your requested size) ______ 
Email Address (for contacting) _____________________________________________
Allergies? ☐ Yes ☐ No Please list if yes: _______________________________________
Have you ever volunteered at any TCC event before? ☐ Yes ☐ No
List year(s): _____________________________________________________________

Are you First Aid/CPR Certified? ☐ Yes ☐ No
Do you have experience as a gear check technician? ☐ Yes ☐ No
List any specific qualifications or past experience: _________________________________

Lunch preference: ☐ Regular lunch ☐ Vegetarian lunch

THANK YOU FOR YOUR OFFER TO VOLUNTEER!

I am able to help:
☐ as a judge
☐ with site pre-pruning
☐ with site preparation the week prior to competition
☐ with registration
☐ with timing and record keeping
☐ with awards
☐ at the FC-TCC dinner on day of the competition
☐ other _______________________________________________________________
                                                                                   
                                                                                   
Submit this Volunteer Form and the Volunteer Waiver form to:

MAIL: Florida Chapter ISA - 7853 S Leewynn Court - Sarasota, FL 34240
PHONE: 941-342-0153
FAX: 941-342-0463
EMAIL: jan@floridaisa.org (you may submit this form as an email attachment)
VOLUNTEER FORM

Please PRINT Clearly

Volunteer’s Name: _______________________________________________________________________

Address: _______________________________________________________________ Zip: __________

Employed by:  _________________________________________________________________________

Phone: ( ___ ) ______________________    Email:  __________________________________________

Waiver and Hold-Harmless by Volunteer

In consideration of acceptance of my offer to be a volunteer for the Climbing Championship, I hereby waive any and all claims I may have at anytime, and any and all claims which might otherwise be made by, or on behalf of, or on account of me, or by me, or by any person or entity in any way as my subrogee against the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, invitees, and any person who would be lawfully entitled to indemnification from them for any liability to, or on behalf of, or on account of me, for any injuries or damages of any kind whatsoever arising on account of or in consequence of my activities or participation in the Climbing Championship, or in any other way related to the Climbing Championship. I further agree to hold the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests and invitees, safe and harmless from any expense for defense, settlement, payment of damages, or other expenses related in any way to injuries sustained by me in any way related to the Climbing Championship. I recognize and assume all risks and danger involved in my participation, and will not under any circumstances rely upon the care, attention or assurance of anyone other than myself for matters relating to my safety.

Dated ___________________ Signature of Volunteer __________________________

Certification and Waiver by Employer of Volunteer

I hereby certify that I am the employer or a duly authorized representative of the employer of the above-named individual planning to volunteer at the Climbing Championship, and that the employer has encouraged this participation. I further certify that I have satisfactorily confirmed that the employee will be covered by statutory protection levels of Workers Compensation Insurance or the equivalent, for any injuries sustained in the course of participation. The employer hereby waives any and all subrogation claims it may have against the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, or invitees, as a result of any compensation or their benefits or expenses incurred or paid by it, its insurance carrier, or otherwise on its behalf, in the event any claim or injury results from this participation, and will hold the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, and invitees safe and harmless from any expense for defense, settlement, payment of damages and other expenses relating in any way by this employee. I further certify that I am duly authorized to execute this Certification and Waiver on behalf of the employer and that any and all necessary resolutions have been duly passed and adopted by the employer.

The exact name and address of the employer, and state of incorporation (if applicable):

_____________________________________________________________________________________

_____________________________________________________________________________________

Dated ________________

Signature of Employer or Authorized Representative ________________________________

Mail, fax or email (you may submit as an email attachment) this completed volunteer waiver form along with the volunteer registration form to:
Florida Chapter ISA • 7853 S Leewynn Court • Sarasota, FL 34240
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.