

**Urban Forestry Institute Registration Form**



Must pre-register no later than Monday, January 29, 2018.  
Register on-line at [www.fufc.org](http://www.fufc.org)

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**Cost:** \*Includes complimentary FUFCC membership

**Pre-Conference Workshops**

- \$45.00 Workshop registration - Likelihood of Failure Club  
Monday, February 5 – 9:00 to 11:30 AM **Option #1**
- \$45.00 Workshop registration - Likelihood of Failure Club  
February 5 – 1:30 to 4:00 PM **Option #2**
- \$45.00 Workshop registration - Kayaking Tour of Cockroach Bay  
Monday, February 5 – 1:30 to 4:00 PM **Option #3**

**Conference**

- Two-day registration Tuesday and Wednesday, February 6 and 7
  - \$160.00 for FUFCC members
  - \$185 for non-members\*
- One-day registration Tuesday OR Wednesday, February 6 OR 7
  - \$85.00 for FUFCC members     Tues. Feb. 6     Wed., Feb. 7
  - \$110.00 for non-members\*     Tues. Feb. 6     Wed., Feb. 7

Please call 407-872-1738 for special student rate.

**\$ \_\_\_\_\_ Total Payment**

If paying by check, please make checks payable to:  
FLORIDA URBAN FORESTRY COUNCIL

Send to: Florida Urban Forestry Council, PO Box 547993, Orlando, FL 32854-7993  
Phone: (407) 872-1738, Fax: (407) 872-6868

If paying by credit card, please print information clearly:

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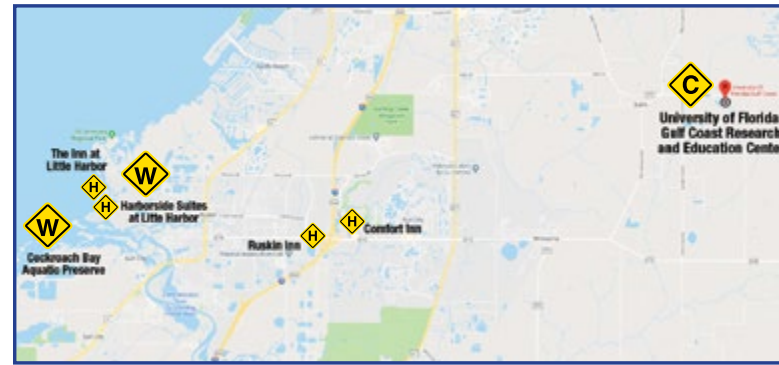
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**Location Information**



**Conference Venue:**  
University of Florida  
Gulf Coast Research and Education Center  
14625 CR 672 • Wimauma, FL 33598



**Suggested Hotels:**

- The Inn at Little Harbor**  
611 Destiny Drive, Ruskin, FL 33570, Phone: 813-645-3291  
<http://www.theinnatlittleharbor.com/>  
(approximately 19.1 miles to UF/IFAS Gulf Coast Research and Education Center)
- Comfort Inn Sun City Center**  
718 Cypress Village Boulevard, Sun City, FL 33573, Phone: 813-633-3318  
<https://www.choicehotels.com/florida/sun-city-center/comfort-inn-hotels/11303>  
(approximately 12.0 miles to UF/IFAS Gulf Coast Research and Education Center)
- Ruskin Inn Tampa - Sun City Center**  
3113 College Avenue East, Ruskin, FL 33570, Phone: 813-641-3437  
<http://www.ruskin-inn.com/>  
(approximately 12.8 miles to UF/IFAS Gulf Coast Research and Education Center)
- Harborside Suites at Little Harbor**  
536 Bahia Beach Boulevard, Ruskin, FL 33570, Phone: 800-327-2773  
<http://www.staylittleharbor.com>  
(approximately 18.8 miles to UF/IFAS Gulf Coast Research and Education Center)

**MONDAY, FEBRUARY 5, 2018**  
Pre-conference Workshops

- Option #1**  
8:30 a.m. – 9:00 a.m. ....Meet at Harborside Suites at Little Harbor  
(Pre-registration required)
- 9:00 a.m. – 11:30 a.m. .... Likelihood of Failure Club  
**David Evans, The Arbor Center, Bath, UK**  
*Do you want to improve your Likelihood of Failure tree risk assessment skills? Come along and learn how to make credible, consistent, and calibrated decisions at "Likelihood of Failure Club." This highly interactive, hands-on training shines the spotlight on what is often the most subjective, uncertain and challenging part of a tree risk assessment--determining "What is the likelihood of failure?"*
  - 20 attendees maximum
  - Please dress appropriately for an outdoor learning activity.
- Option #2**  
1:00 p.m. – 1:30 p.m. ....Meet at Harborside Suites at Little Harbor  
(Pre-registration required)
- 1:30 p.m. – 4:00 p.m. .... Likelihood of Failure Club  
**David Evans, The Arbor Center, Bath, UK**  
*See description above*
  - 20 attendees maximum
  - Please dress appropriately for an outdoor learning activity.
- Option #3**  
1:00 p.m. – 1:30 p.m. ....Meet at Harborside Suites at Little Harbor  
(Pre-registration required)
- 1:30 p.m. – 4:00 p.m. .... Guided Kayak Tour – Mangrove Forests of Tampa Bay  
**Deborah Hilbert, University of Florida – Gulf Coast REC, Wimauma**  
*While mangroves may not be the first thing that comes to mind upon hearing the phrase 'urban forestry,' they are the City of Tampa's most abundant tree species by stem count. Learn about the mangrove species in the Tampa Bay, the unique habitat they create, and their role in increasing coastal resiliency to hurricanes and other disturbances.*
  - 15 attendees maximum
  - Registration includes kayak rental. Tour meets at Host Hotel and includes shuttle to Cockroach Bay Preserve. Dress appropriately and be prepared to paddle.



**BE PREPARED!**



**Natural Disaster Preparation and Response Conference**

presented by the Florida Urban Forestry Council and the UF/IFAS Gulf Coast Research and Education Center

**February 5-7, 2018**

University of Florida Gulf Coast Research and Education Center • Wimauma, Florida 33598

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**Continuing Education Units (CEU'S):**



- Florida Nursery, Growers and Landscape Association (FNGLA)** - 4.0 each day
- Landscape Inspectors Association of Florida (LIAF)** - 4.0 each day
- Society of American Foresters (SAF)** - T.B.A.
- Florida Association of Code Enforcement (FACE)** - Monday - 2.5; Tuesday AND Wednesday - 11.5

**International Society of Arboriculture (ISA)**  
 Workshop Option #1 or #2 - Certified Arborist, TW Climber Specialist, TW Aerial Lift Specialist, Municipal Specialist, BCMA - Management = 2.5; Tuesday General Session - Certified Arborist, TW Climber Specialist, TW Aerial Lift Specialist, Municipal Specialist, BCMA - Management = 2.75; Tuesday Breakout Session #1 - Certified Arborist, TW Climber Specialist, TW Aerial Lift Specialist, Municipal Specialist = 3.0, BCMA - Management = 2.0, BCMA Practice = 1.0; Tuesday Breakout Session #2 - Certified Arborist, TW Climber Specialist, Utility Specialist, TW Aerial Lift Specialist, Municipal Specialist, BCMA - Management = 3.0; Wednesday AM General Session - Certified Arborist, TW Climber Specialist, TW Aerial Lift Specialist, Municipal Specialist, BCMA - Management = 2.75; Wednesday PM General Session - Certified Arborist, TW Climber Specialist, TW Aerial Lift Specialist, Municipal Specialist, BCMA - Management = 3.25

## TUESDAY, FEBRUARY 6, 2018

8:00 a.m. – 9:00 a.m. Registration Open / Continental Breakfast

### Morning General Session

- 9:00 a.m. – 9:15 a.m. Welcome and Introduction of the Day's Theme  
- John Harris, President – Florida Urban Forestry Council  
- Rob Northrop, Extension Forester – University of Florida/IFAS Hillsborough County Extension
- 9:15 a.m. – 10:00 a.m. Effects of Disturbance on the Urban Forest  
- Cecil Konijnendijk, PhD, University of British Columbia, Kelowna, Canada
- 10:00 a.m. – 10:30 a.m. Risk Management versus Risk Assessment  
- Seth Guikema, PhD, University of Michigan, Ann Arbor, MI
- 10:30 a.m. – 11:00 a.m. Assessing Risk in Large Populations of Trees  
- Andrew Koeser, PhD, University of Florida – Gulf Coast REC, Wimauma, FL
- 11:00 a.m. – 11:30 a.m. To Mitigate or Not to Mitigate  
- David Evans, The Arbor Centre, Bath, United Kingdom
- 11:30 a.m. – 12:00 p.m. Morning Facilitated Q & A Session  
- Facilitated by Rob Northrop, University of Florida/IFAS Hillsborough County Extension, Seffner, FL
- 12:00 p.m. – 1:00 p.m. Lunch with Exhibitors AND  
Optional Tour with Urban Tree Management Lab

### Breakout Session Option #1 – Afternoon Municipal Session

- 1:00 p.m. – 1:30 p.m. Strategies for Managing Below-ground Structural Stability  
- Jason Miesbauer, PhD, The Morton Arboretum, Lisle, IL
- 1:30 p.m. – 2:00 p.m. ISA BMP Update – Tree Risk Assessment  
- E. Thomas Smiley, PhD, Bartlett Tree Experts, Charlotte, NC
- 2:00 p.m. – 2:30 p.m. Tree Failure Prediction Mapping Tool  
- Andrew Koeser, PhD, University of Florida – Gulf Coast REC, Wimauma, FL  
- Shawn Landry, PhD, University of South Florida, Tampa, FL
- 2:30 p.m. – 3:00 p.m. Break with Exhibitors
- 3:00 p.m. – 3:30 p.m. Pre-Storm Debris Estimation  
- Richard Hauer, PhD, University of Wisconsin, Stevens Point, WI
- 3:30 p.m. – 4:00 p.m. Tree Management to Prevent Storm Damage  
- Brian Kane, PhD, University of Massachusetts, Amherst, MA
- 4:00 p.m. – 4:30 p.m. Contracting Debris Removal Prior to the Storm  
- Scott Altenhoff, City of Eugene, Eugene, OR  
- Eric Cariaga, City of Eugene, Eugene, OR
- 4:30 p.m. Adjourn and travel back to Harborside Suites
- 6:00 p.m. – 7:30 p.m. 2017 Friends of Our Urban Forest Awards Ceremony -  
Harborside Suites at Little Harbor – Social Room

### Breakout Session Option #2 – Afternoon Utility Session

- 1:00 p.m. – 1:30 p.m. Predicting Wind Induced Outages  
- Seth Guikema, PhD, University of Michigan, Ann Arbor, MI
- 1:30 p.m. – 2:00 p.m. Taking the Tree Line USA by Storm  
- Joe Anderson, JEA, Jacksonville, FL
- 2:00 p.m. – 2:30 p.m. Storm Preparedness and Response - A Utility's Perspective  
- David Watford, SECO Energy, Sumterville, FL
- 2:30 p.m. – 3:00 p.m. Break with Exhibitors
- 3:00 p.m. – 3:30 p.m. Storm Preparedness and Response - A Contractor's Perspective  
- Brad Ellis, Asplundh Tree Expert Co., Willow Grove, PA
- 3:30 p.m. – 4:00 p.m. Municipal and Utility Partnerships in Action  
- Josh Behounek, Davey Resource Group, Columbia, MO
- 4:00 p.m. – 4:30 p.m. Panel Discussion – All Speakers
- 4:30 p.m. Adjourn and travel back to Harborside Suites
- 6:00 p.m. – 7:30 p.m. 2017 Friends of Our Urban Forest Awards Ceremony -  
Harborside Suites at Little Harbor – Social Room



## WEDNESDAY, FEBRUARY 7, 2018

8:00 a.m. – 9:00 a.m. Registration Open / Continental Breakfast

### Morning General Session

- 9:00 a.m. – 9:15 a.m. Introduction of the Day's Theme  
- Andrew Koeser, PhD, University of Florida – Gulf Coast REC, Wimauma, FL
- 9:15 a.m. – 10:00 a.m. Why Trees Fail  
- Brian Kane, PhD, University of Massachusetts, Amherst, MA
- 10:00 a.m. – 10:30 a.m. Navigating the FEMA Process  
- Scott Altenhoff, City of Eugene, Eugene, OR  
- Eric Cariaga, City of Eugene, Eugene, OR
- 10:30 a.m. – 11:00 a.m. Initial Response and Debris Management  
- Richard Hauer, PhD, University of Wisconsin, Stevens Point, WI
- 11:00 a.m. – 11:30 a.m. Crucial Crisis Communication: Ensuring Effective  
Communication Before, During and After a Disaster  
- Angie Lindsey, PhD, University of Florida, Gainesville, FL
- 11:30 a.m. – 12:00 p.m. Recovering and Redesigning the Urban Forest  
- Rob Northrop, University of Florida/ IFAS Hillsborough County Extension, Seffner, FL
- 12:00 p.m. – 12:45 p.m. Lunch and Learn  
Dine among the market's top products and people
- 12:45 p.m. – 1:00 p.m. FUFCA Annual Meeting  
- John Harris, FUFCA President

### Afternoon General Session

- 1:00 p.m. – 1:30 p.m. Testing ISA's TRAQ: Hurricane Matthew  
- E. Thomas Smiley, PhD, Bartlett Tree Experts, Charlotte, NC
- 1:30 p.m. – 2:00 p.m. International Tree Failure Database and the Urban Tree  
Risk Index Model  
- Dudley Hartel, USDA Forest Service, Athens, GA
- 2:00 p.m. – 2:30 p.m. Storm Damaged Trees – What to Remove and  
What to Restore  
- Jason Miesbauer, PhD, The Morton Arboretum, Lisle, IL
- 2:30 p.m. – 3:00 p.m. Break
- 3:00 p.m. – 3:30 p.m. Prioritizing Work After the Storm  
- Josh Behounek, Davey Resource Group, Columbia, MO
- 3:30 p.m. – 4:00 p.m. Urban Forest Strike Teams  
- Dudley Hartel, USDA Forest Service, Athens, GA
- 4:00 p.m. – 4:30 p.m. Tampa Urban Forestry Plan – Adapting to Disaster  
- Kathy Beck, City of Tampa, Tampa, FL  
- Rob Northrop, University of Florida/ IFAS Hillsborough County Extension, Seffner, FL
- 4:30 p.m. – 4:45 p.m. Closing Comments  
- Andrew Koeser, PhD, University of Florida – Gulf Coast REC, Wimauma, FL  
- John Harris, Earth Advisors, Hollywood, FL
- 4:45 p.m. Urban Forestry Institute ends

## SPEAKER BIOGRAPHIES

### ◆ Scott Altenhoff

Urban Forestry Management Analyst, City of Eugene Parks and Open Space  
Scott is the City of Eugene's urban forestry management analyst. He is the co-founder of the Pacific Tree Climbing Institute and has contributed greatly to developing and teaching safe SRT climbing to arborists. His arboricultural knowledge and commitment to his work and community made him one of ISA's 2017 True Professionals of Arboriculture.

### ◆ Joe Anderson

Utility Forester for JEA  
Joe's primary responsibility as Utility Forester for JEA is to ensure that the power of Jacksonville can be found in the canopy of trees. He holds a BS degree in Forest Resource Management from the College of Environmental Science and Forestry, Syracuse, N.Y. Joe is an ISA Certified Arborist, and serves on the Florida Urban Forestry Council. Prior to JEA, Joe hiked, climbed, canoed, and camped as a Park Ranger within the forests of New York, Minnesota, Missouri, and South Carolina – to include the Park Manager for the Mountain Bridge Wilderness Area, inside the SC State Parks. Joe may not be originally from Florida, but he got here as quick as he could.

### ◆ Kathy Beck

Natural Resources Coordinator, City of Tampa Planning and Urban Design Division  
Kathy is the Natural Resources Coordinator for the City of Tampa where she manages natural resource planning, including being a lead on the city's Urban Forest Ecological Analysis. She has over 3 decades of experience in urban forest management and has played a key role in the development of Tampa's Urban Forest Management Plan. In 2013 she was awarded with the Florida ISA Loren Westenberger Award.

### ◆ Josh Behounek

Coordinator of Urban Forestry Services, Davey Resource Group & Adjunct Professor of Urban Forestry, University of Missouri  
Josh is the coordinator of Urban Forestry Services with the Davey Resource Group and Adjunct Professor of Urban Forestry at the University of Missouri. He began his career as an inventory arborist conducting large-scale street tree inventories across the country, but now focuses on helping communities, nonprofits, and state agencies in the Midwest to proactively and sustainably manage their trees and other natural resources. He is a graduate of both the Davey Institute of Tree Science and the Society of Municipal Arborist's Municipal Forester Institute and is an experienced public speaker.

### ◆ Eric Cariaga

Geographic Information System (GIS) Technical Specialist, City of Eugene  
Eric is a Geographic Information System (GIS) Technical Specialist with the City of Eugene, Oregon and a seasoned veteran of multiple FEMA-qualifying storm events. He has over 20 years experience working with urban forestry issues and was recently recognized by Environmental System Research Institute (ESRI) in their Fall 2017 ArcNews for creating a custom web application to help Eugene's Public Works crews respond to tree-hazards in real-time. Eric's work has revolutionized the City of Eugene's tracking and post-storm reporting capabilities - greatly enhancing his agency's ability to meet the stringent requirements for FEMA reimbursement.

### ◆ Brad Ellis

Technical Services Manager, Asplundh Expert Tree Co., Willow Grove, PA  
Brad is a Technical Services Manager based at the Asplundh Corporate Office in Willow Grove, PA. He specializes in bid management and tracking, and general support of field operations. For the past three years he has been one of eight Storm Coordinators on the Asplundh Corporate Storm Team, which monitors storm progress, then locates, secures and mobilizes crews from outside area impacted by storms, and dispatches them to assist with restoration efforts. Brad holds a BA in Economics from Millersville University.

### ◆ David Evans

Arboricultural Consultant, The Arbor Centre  
David is currently the Principal Consultant at the Arbor Centre in Bath, UK. He is a Quantified Tree Risk Assessment (QTRA) trainer and regularly provides Likelihood of Failure and other professional development workshops to arborists and other professionals. In addition to his consultancy work, he is the arboricultural expert for a UK program called 'Help! My House is Falling Down,' and has presented papers all over the world.

### ◆ Seth Guikema, PhD

Associate Professor University of Michigan  
Seth is a professor at the Department of Industrial and Operations Engineering and the Department of Civil and Environmental Engineering at the University of Michigan. His research in risk analysis is very interdisciplinary, with recent projects focusing on urban and infrastructure resilience and sustainability in a changing climate. He was a main consultant in the development of the ISA Tree Risk Assessment matrix and is a leader in data-based risk analysis research.

### ◆ John Harris

Principal of Landscape Economics LLC and President of Earth Advisors, Inc.  
John is the Principal of Landscape Economics LLC and also President of Earth Advisors, Inc. He was inducted into Lambda Alpha International Honorary Land Economics Society in 1997 for his dedicated work determining and defending tree and landscape values. He has been working in the Green Industry for over 30 years.

### ◆ Dudley Hartel

Science Delivery/Technology Coordinator, USDA Forest Service  
Dudley is the science delivery coordinator and the center manager at the US Forest Service's Urban Forestry South, a technology transfer center that works with government agencies, universities, non-profits, and other organizations in the southern states. His urban forestry experience is the result of over three decades of working as an urban forestry consultant and consulting arborist in the southeast U.S. He is a Certified Arborist, Tree Risk Assessment Qualified (TRAQ), and is a skilled science communicator and presenter.

### ◆ Richard Hauer, PhD

Professor of Urban Forestry, University of Wisconsin-Stevens Point  
Richard is a professor at the University of Wisconsin-Stevens Point where he teaches courses in dendrology and silvics, urban forestry, and horticulture and tree care. His research has focused on trees and construction, ice storms, tree biology, urban forest management, and control of emerald ash borer. Richard is an accomplished writer and speaker, having published over 100 papers and presented over 400 professional talks.

### ◆ Deborah Hilbert

Biological Scientist and PhD Student, University of Florida  
Deb is a biological scientist and PhD student in Environmental Horticulture at the University of Florida. Her dissertation work focuses on assessing and developing strategies to enhance urban tree diversity in Central Florida. She is a graduate from Eckerd College in St. Petersburg, Florida with a BA in Environmental Studies. Prior to her position at the University of Florida, Deb worked as an Environmental Education Specialist with Tampa Bay Watch and as an Education and Research Coordinator at Natures Academy.

### ◆ Brian Kane, PhD

Professor of Commercial Arboriculture, University of Massachusetts Amherst  
Brian is a professor at the University of Massachusetts Amherst where he teaches and investigates arboricultural topics such as tree biomechanics, tree worker safety, and how practices like pruning and rigging affect tree failure. He has traveled the world to give presentations, yet regularly makes time for community outreach and education. Because of his passion for arboriculture and teaching, he was won several awards including the ISA 2011 Early-Career Scientist Award and the Alex L. Shigo Award for Excellence in Arboricultural Education.

### ◆ Andrew Koeser, PhD

Assistant Professor of Environmental Horticulture & Landscape Management, University of Florida  
Andrew is a professor at the University of Florida's Gulf Coast Research and Education Center where he conducts research on issues relating to urban landscape sustainability, tree risk assessment/storm failure prediction, and factors that influence urban tree growth and longevity. He is an ISA Board Certified Master Arborist® and is Tree Risk Assessment Qualified. He is a prolific researcher and writer, which has earned him the ISA's 2017 R.W. Harris Author's Citation Award and 2015 Early-Career Scientist Award.

### ◆ Cecil Konijnendijk, PhD

Professor of Urban Forestry, University of British Columbia - Vancouver  
Cecil is a professor at the University of British Columbia-Vancouver where he studies and teaches about urban forest management, urban greening and ecosystem services, and people-nature connections. His work takes him all over the world and consistently includes input from industry professionals and policy-makers. Cecil's research skills and passion have resulted in numerous publications, including widely-read book chapters and peer-reviewed articles. He is editor-in-chief of the journal Urban Forestry and Urban Greening and is an extremely engaging public speaker.

### ◆ Shawn Landry, PhD

Research Associate Professor and Director, University of South Florida Water Institute  
Shawn is a research associate professor and director of the USF Water Institute, a multidisciplinary organization of faculty, students, and stakeholders focused on water challenges. His research addresses issues related to water, wetlands, urban forests and land cover change, and typically involves GIS. He has helped to create long-term websites including the Water Atlas, Plant Atlas, Water CAT, and the Tampa Tree Map. He has also been instrumental in the development of Tampa's Urban Forest Management Plan and the city's urban forest ecological assessments.

### ◆ Angela Lindsey, PhD

Research Associate Professor and Director, University of South Florida Water Institute  
Angie B. Lindsey is an assistant professor in the Department of Family, Youth, and Community Sciences working within the UF/IFAS Center for Public Issues Education in Agriculture and Natural Resources (PIE Center). Angie currently serves as the point of contact for the Extension Disaster Education Network (EDEN) for UF/IFAS. Her research focuses on disaster preparedness and recovery within communities - particularly looking at crisis communication efforts before, during, and after disasters. Her outreach and Extension work has been in partnership with Extension and community resource organizations and is intended to fill gaps and address needs within communities affected by disaster.

### ◆ Jason (Jake) Miesbauer, PhD

Arboriculture Scientist, Morton Arboretum  
Jason is a scientist at the Morton Arboretum where he researches tree biomechanics, tree architecture, and applied arboriculture of urban landscape trees. Prior to this, he worked in the tree care industry then earned his doctorate at the University of Florida. He has published numerous peer-reviewed and industry articles on tree biomechanics and has given many professional talks on his research.

### ◆ Rob Northrop

Extension Forester, University of Florida/IFAS Extension for Hillsborough County  
Rob Northrop is an extension forester for the University of Florida and works out of the Tampa Bay area. His work involves teaching urban and community forestry to natural resource and landscape professionals, providing conservation planning assistance to local, state and federal governments and community associations, and applied research into the changing character and ecological function of the Tampa Bay Watershed's urbanizing forest. He frequently works with policy-makers and has been a leader in the development of the City of Tampa's Urban Forest Management Plan and related projects.

### ◆ E. Thomas Smiley, PhD

Plant Physiologist and Soil Scientist, Bartlett Tree Experts  
Thomas is an arboricultural researcher at the Bartlett Tree Research Laboratory where he studies tree biomechanics, plant growth regulators, and tree support systems. His work has helped to improve sidewalk longevity near trees, tree protection from lightning damage, trees failure prediction, and tree root growth in compacted soil using the patented Root Invigoration process. He co-authored the ISA's Best Management Practices for Tree Risk Assessment, Lightning Protection, Fertilization, Support Systems and Construction Management. His engagement in the arboriculture industry earned him the 2012 Alex L. Shigo Award for Excellence in Arboricultural Education.

### ◆ David Watford

Integrated Vegetation Management Contract Administrator, SECO Energy  
David is an ISA Certified Arborist/Utility Specialist employed at SECO Energy as an Integrated Vegetation Management Contract Administrator. David has 29 years of experience in line construction and vegetation management. He has also served on the Florida Urban Forestry Council Board as the Utility Arborist Representative for the last four (4) years. David believes in a systemic vegetation management approach and specializes in hazard tree mitigation, customer conflict resolution and storm response.