



9th Annual Southeast Florida Regional Climate Leadership Summit

December 14-15, 2017
Broward County
Convention Center





December 14, 2017

On behalf of Broward County and our partners in the Southeast Florida Regional Climate Change Compact, I would like to welcome you to the Ninth Annual Southeast Florida Regional Climate Leadership Summit.

Eight years ago, at the inaugural Summit in Broward County, the four counties of Southeast Florida acknowledged the value of working together to address our common problem, climate change, and developed a framework for making things happen: the Compact. We quickly amassed an impressive record of success: development of common scientific and technical information, joint pursuit of state and federal legislative goals, and the development of a Regional Climate Action Plan, the second version of which will be unveiled here at the Summit.

The theme of this year's Summit, "The Business of Resilience," reflects the Compact's ever-deeper partnership with the region's economic actors. It also emphasizes that everyone in Southeast Florida—residents, businesspeople, elected officials, government agencies, educational institutions, nonprofit groups, and others—must be in the business of making our region resilient to ever-worsening severe weather events, extreme heat, sea level rise and recurrent flooding, and the associated economic, social, and health impacts, through changes to energy, transportation, and urban systems, and protection of our world-class natural and agricultural resources.

The unveiling of the Second Regional Climate Action Plan during the Summit will offer several opportunities for uniting attendees and the interests and communities around common priorities, especially on economic resilience, a focus of the 2017 Summit. One important outcome will be a formalized agenda for action with major business alliances. Another will be an extensive conversation among the Compact Counties, business interests, and state and federal government agencies about the urgent need to reexamine the region's flood control system—vital to preserving the physical and environmental conditions on which the economic and social life of our region depends—to ensure the system's future resilience and performance under the conditions of higher sea levels and more extreme weather expected in coming decades.

You will also hear from panels of County administrators and mayors, business leaders, state legislators, small businesspeople and residents, and energy and transportation experts who are thinking deeply about the risks and opportunities that climate change presents to Southeast Florida.

Our continued success as a region will require even more engagement among counties, municipalities, businesses, state and federal agencies, nonprofit groups, academic institutions, and residents. Many of those connections will be made here at the Summit. Enjoy these two days of stimulating discussion and networking, and prepare to do your part to promote "The Business of Resilience" in Southeast Florida and beyond in the months and years to come!

A handwritten signature in black ink, reading "Beam Furr".

Beam Furr
Mayor, Broward County

Thank You

to Our Generous Sponsors

Platinum Sponsors (\$10,000)

WSP
Renew Financial
Port Everglades
Greater Fort Lauderdale
Convention and Visitors Bureau
First Street Foundation
Arcadis

Silver Sponsors (\$2,500)

Waste Management
The Breakers
Siemens
Nova Consulting
Florida Green Building Coalition
First Green Bank
Erin Deady Law
Energy Systems Group
Coastal Risk Consulting
City of Hollywood
Broward Workshop
Atkins North America, Inc.
ACAI Associates

Gold Sponsors (\$5,000)

The Nature Conservancy
National Renewable Energy
Laboratory
Miami Foundation
JM Family Enterprises
Hazen & Sawyer
City of Fort Lauderdale
AECOM

Bronze Sponsors (\$1,250)

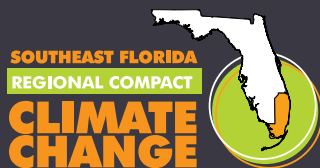
Ygrene
NEMAC/FernLeaf Collaborative
Itelecom USA
Institute for Sustainable Communities
Greater Fort Lauderdale
Chamber of Commerce
Geosyntec
FIU Institute of Water and
Environment
ECONcrete Tech
ecology and environment, inc.
E Sciences, Inc.
City of Coconut Creek
CH2M
Advanced Roofing/
Advanced Green Technologies

Exhibitors (\$750)

FAU Center for Environmental Studies • FAIR Foundation
DHI Water & Environment, Inc. • Consulate of Sweden
Climate Monitor

Explore the new Regional Climate Action Plan!

www.RCAP2.org



Working together to build a
more resilient and sustainable
Southeast Florida.



#SmartMiami

Would like to thank our generous sponsors:

Center for Social Change

FedEx

Florida International University

For their support in delivering the first



**EcoDistricts
ACCREDITED
PROFESSIONAL™**

training in the state of Florida!

*Wishing the SFCC a fruitful Summit &
joyous holiday season. We look forward to
collaborating and serving your training needs
in 2018*

*For more information regarding #SmartMiami please contact Michael
Caballero at michael.caballero@fedex.com or 786-388-2634*

FIRST STREET FOUNDATION

Digitally-Driven Advocates
for Sea Level Rise Solutions



Our products

Sea
Level
Rise.org

**Simplifying the risks, causes,
and solutions to sea level rise**



Sea level rise forecasts
and causes



State-specific sea level
rise risks and impacts



Solutions and current
city plans



Interactive graphs, videos,
and animations

sealevelrise.org

Flood iQ

**Helping coastal citizens
understand their flood risk**



Free flood forecast specific
to your property



Flooding risk calculations
today and 15 years in the
future



Risks by tidal events and
hurricane storm surge



Ways to reduce your
flood risk and take action

floodiq.com

Renew. Rebuild. RenewPACE

by RENEW FINANCIAL

RenewPACE financing makes it easier for Florida families to rebuild their homes and make them more resilient against future storms.



EVERYONE HAS THE RIGHT TO A SAFE AND EFFICIENT HOME

RenewPACE financing means:

- Energy efficiency and wind hardening improvements
- No money down
- Longer repayment terms of 5-25 years
- Potential savings on electricity and insurance
- Fixed interest rate

renewfinancial.com

AN INNOVATIVE
FINANCING
SOLUTION FROM



RENEW
FINANCIAL™



Driving
Sustainability



Preserving our Environment

Your Good is Worth Sharing

Our business goals are tightly connected to the communities and world in which we operate. That's why we strive to implement innovative solutions and responsible practices that account for our environmental and social impacts while bolstering our business success and creating a more sustainable future for our associates, the community and the environment.

Thank You Broward County

Host of the 9th Annual
Climate Leadership Summit



Growing Greener Communities



JM FAMILY
ENTERPRISES, INC.



FORTUNE
100
BEST
COMPANIES
TO WORK FOR
2017

We're social... share with us.
facebook.com/jmfamilyenterprises
[@jmfamilyenterprises](https://twitter.com/jmfamilyenterprises)
[#ShareTheGood](https://www.instagram.com/jmfamilyenterprises)





Formerly
WSP | PARSONS BRINCKERHOFF

Question the predictable
Stand for innovation
Change the landscape

*We partner with clients to deliver resilient
solutions that shape and sustain the
communities of tomorrow.*

We are WSP USA.

Stop by our booth to find out what we can do for you.

wsp.com/usa

We're hiring!



Being resilient is powerful.

Cities that can adapt to and bounce back from the acute shocks and chronic stresses of this century will be the most competitive. From policy planning in Boston to implementing community transformation in Norfolk, we help cities chart a unified course, navigate through challenges quickly and make investments that move social, environmental and economic needles.

Arcadis.

Improving quality of life.

WWW.ARCADIS.COM



EXPLOREArcadis
DOWNLOAD OUR MOBILE APP
arcad.is/adv-Connect





POWERFUL INITIATIVES POSITIVE IMPACT

At Port Everglades, we're implementing progressive ways to help protect Florida's environment. We purchased tier 4 Diesel-fueled generator sets to power gantry cranes, reconfigured roads to reduce congestion, and used sustainable building materials for renovations. We're also landscaping with drought-tolerant plants, nurturing thousands of mangroves, and planning for innovative approaches to reef mitigation. To learn more about Port Everglades' green initiatives, visit porteverglades.net/environment



port.everglades | [@porteverglades](https://twitter.com/porteverglades) | [PortEvergladesFL](https://www.youtube.com/PortEvergladesFL) | [port-everglades](https://www.linkedin.com/company/port-everglades)

GREATER FORT LAUDERDALE
hello sunny

hello *inspiration*



Greater Fort Lauderdale welcomes the 9th Annual Southeast Florida Regional Climate Leadership Summit. With 3,000 hours of annual sunshine and 300 miles of waterways, blue sky thinking is always on the agenda. Visit sunny.org.

@VisitLauderdale | #hellosunny | hello sunny



Greetings!

On behalf of the City of Fort Lauderdale, welcome to the **9th Annual Southeast Florida Regional Climate Leadership Summit**.

This year's theme, the Business of Resilience, is particularly appropriate for a conference in our City. Two of the cornerstones of ***Fast Forward Fort Lauderdale***, our **2035 Vision Plan**, are readiness for the challenges of climate change and prosperity for our businesses and neighbors. Through efforts including designating Adaptation Action Areas tied to our capital improvement plan, designing our stormwater management system for future conditions, installing innovative valves at key locations, and hardening our seawalls for sea level rise, we are strengthening our resiliency and creating more opportunities for economic growth in Fort Lauderdale and throughout the South Florida region.

The City of Fort Lauderdale will continue to work with local businesses to address these issues through an array of initiatives, including our participation in the Broward County Coastal Coalition resiliency committee coordinated by the Greater Fort Lauderdale Chamber of Commerce and our work at the federal level through the Mayors National Climate Action Agenda. We are proud to be recognized as a national leader on addressing climate change as part of government operations and we remain committed to building a resilient Fort Lauderdale.

Enjoy your time here in our great City, and thank you for your efforts to make our region more prosperous and more resilient.



Very truly yours,

John P. "Jack" Seiler
Mayor, City of Fort Lauderdale
Member, U.S. Climate Mayors

“The Business of Resilience”

The Ninth Annual SOUTHEAST FLORIDA REGIONAL CLIMATE LEADERSHIP SUMMIT

December 14-15, 2017

Presented by Broward County
and the Southeast Florida Regional Climate Change Compact

Thursday, December 14

Summit Emcee: Jennifer Jurado, Chief Resilience Officer and Director,
Environmental Planning and Community Resilience Division, Broward County

8:00 - 8:10 Day 1 Opening and Welcome

- The Honorable Beam Furr, Mayor, Broward County Commission

8:10 - 8:55 Keynote

- Katharine Hayhoe, Professor of Political Science and
Director of the Climate Science Center, Texas Tech University - via live video

8:55 - 9:10 Compact Year in Review

- Steve Adams, Director of Urban Resilience,
Institute for Sustainable Communities

9:10 - 10:00 County Governments as Resilience Leaders

- Moderator: Dan Lindblade, President and CEO,
Greater Fort Lauderdale Chamber of Commerce
- Bertha Henry, County Administrator, Broward County
- Verdenia C. Baker, County Administrator, Palm Beach County
- Roman Gastesi, County Administrator, Monroe County
- Jack Osterholt, Deputy Mayor, Miami-Dade County

10:00 - 10:20 Break

10:20 - 11:30 The Business Case for Economic Resilience

- Moderator: James Donnelly, Founder and CEO, Castle Group,
and Chair of the Broward Workshop
- Carlos Gutierrez, Gutierrez Group, Coldwell Banker Residential Real Estate
- Daniel Stander, Global Managing Director, Risk Management Solutions
- Steve Palmer, Chief Operating Officer, Stiles Corporation
- Debbie Orshefsky, Partner, Holland & Knight LLP

11:30 - 12:30 Florida, Inc.: Making Law and Policy for a Resilient State

- Introduction: The Honorable Tim Ryan, Broward County Commission
- Moderator: Roman Gastesi, County Administrator, Monroe County
- The Honorable Lauren Book (D), Florida Senate
- The Honorable Gary Farmer (D), Florida Senate
- The Honorable Holly Raschein (R), Florida House of Representatives
- The Honorable Kristin Jacobs (D), Florida House of Representatives

12:30 - 1:45 Lunch

**1:45 - 3:10 Flood Risk, Insurance, and Infrastructure:
Resilient Solutions for the State and Nation**

- Moderator: Samantha Medlock, Senior Vice President, Willis Towers Watson
- The Honorable Chip LaMarca, Broward County Commission
- The Honorable Heather Carruthers, Monroe County Commission
- Kathleen White, Lead, Climate Preparedness and Resilience Community of Practice, Institute for Water Resources, US Army Corps of Engineers
- Nick Shufro, Assistant Administrator, Risk Management Directorate, Federal Insurance and Mitigation Administration, Federal Emergency Management Agency

3:10 - 3:25 Break

3:25 - 4:10 Resilience Roadmap: The Second Regional Climate Action Plan

- James F. Murley, Chief Resilience Officer, Miami-Dade County
- Susanne Torriente, Chief Resiliency Officer/Assistant City Manager, City of Miami Beach
- Jerry Bell, Associate Director for Planning, Department of Regulatory and Economic Resources, Miami-Dade County
- Chris Bergh, South Florida Program Manager, The Nature Conservancy
- Jayantha Obeysekera, Chief Modeler, South Florida Water Management District

4:10 - 4:55 The Compact: Onward, Upward, Outward

- Moderator: Shannon Estenoz, Director of Everglades Restoration Initiatives, United States Department of the Interior
- The Honorable Beam Furr, Mayor, Broward County Commission
- The Honorable Melissa McKinlay, Mayor, Palm Beach County Commission
- The Honorable Carlos Gimenez, Mayor, Miami-Dade County
- The Honorable David Rice, Mayor, Monroe County Commission

4:55 - 5:00 Day 1 Close and Announcements

5:00 - 5:30 Press Event for Elected Officials and Business Leaders (Room 301)

5:00 - 6:30 Reception

Friday, December 15

8:15 - 8:25 **Day 2 Opening and Welcome**

- The Honorable Debbie Wasserman Schultz, United States House of Representatives

8:25 - 8:45 **Keynote**

- The Honorable Dow Constantine, King County Executive

8:45 - 9:45 **Resilient Regions: Lessons from Across the United States**

- Moderator: Susanne Torriente, Chief Resiliency Officer/Assistant City Manager, City of Miami Beach
- Sam Hersh, Policy Advisor for Coastal Resiliency, Mayor's Office of Recovery and Resiliency, City of New York
- Robin Barnes, Executive Vice President and Chief Operating Officer, Greater New Orleans, Inc.
- Jonathan Parfrey, Executive Director, Climate Resolve
- Axum Teferra, Clean Energy Planner II and Climate Specialist, Metropolitan Area Planning Council (Greater Boston)

9:45 - 10:00 **Break**

10:00 - 10:20 **Keynote**

- Introduction: The Honorable Steve Geller, Broward County Commission
- The Honorable Ted Deutch, United States House of Representatives

10:20 - 11:20 **Resilience On the Ground: Key Initiatives in Southeast Florida**

- Moderator: Steve Adams, Director of Urban Resilience, Institute for Sustainable Communities
- Jon Van Arnam, Deputy County Administrator, Palm Beach County
- Rhonda Haag, Sustainability and Projects Director, Monroe County
- Jennifer Jurado, Chief Resilience Officer and Director, Environmental Planning and Community Resilience Division, Broward County
- Nichole Hefty, Deputy Resilience Officer, Office of Resilience, Miami-Dade County

11:20 - 12:20 **People Power: Building Resilience Among Communities, Residents, and Small Businesses**

- Moderator: Zelalem Adefris, Climate Resilience Program Manager, Catalyst Miami
- Matt Carroll, President, Hoover Architectural Products
- Alex Sommers, Vice President, Hollywood Lakes Civic Association
- Delaney Reynolds, Founder, The Sink Or Swim Project
- Bereatha Howard, Community Leader, Miami-Dade County

12:20 - 12:30 Recognitions and Announcement of 2018 Miami-Dade Summit

12:30 - 1:25 Lunch

1:25 - 1:30 Afternoon Welcome

- The Honorable Michael Udine, Broward County Commission

1:30 - 2:30 Risk Management: An Economic Imperative

- Moderator: Anita Byer, President, Setnor Byer Insurance & Risk
- William Seed, Vice President, Construction and Design, Jackson Health System
- Alan Ojeda, Owner and Chief Executive Officer, Rilea Group
- Nancy Scanlon, Associate Professor, Chaplin School of Hospitality & Tourism Management, Florida International University
- Wayne Fletcher, Risk Manager, Risk Management Division, Broward County

2:30 - 3:30 The Future is Here: Energy and Transportation Breakthroughs

- Susan Glickman, Florida Director, Southern Alliance for Clean Energy
- The Honorable Jose Javier Rodriguez (D), Florida Senate
- Ed Strobel, President, Sunshine Solar Services, Inc.
- Michael Tubman, Manager, State Government Affairs & Public Policy, Electrify America
- Elizabeth Doris, Laboratory Program Manager: State, Local, and Tribal Governments, National Renewable Energy Lab

3:30 - 4:45 Resiliency Innovations: Science, Tools, and Projects

- Moderator: Dr. Samantha Danchuk, Assistant Director, Environmental Planning and Community Resilience Division, Broward County
- David Groves, Co-Director, Water and Climate Resilience Center, RAND Corporation
- Miho Mazereeuw, Director, Urban Risk Lab, Massachusetts Institute of Technology, and Fadi Masoud, Assistant Professor of Landscape Architecture and Urbanism, University of Toronto
- Greg Dobson, Director of Geospatial Technology, National Environmental Modeling and Analysis Center/FernLeaf Collaborative
- Daniel Stander, Global Managing Director, Risk Management Solutions

4:45 - 4:50 Closing



Keynote Speakers

The Honorable Dow Constantine, King County Executive



Dow Constantine was elected to his third term as King County Executive in November 2017. King County, in Washington State, is the 13th most populous county in the U.S. with 39 cities and 2.1 million residents. Climate change is one of his top priorities. The 2015 King County Strategic Climate Action Plan charts comprehensive and ambitious goals, targets, and actions for reducing greenhouse gas emissions and strengthening climate resiliency. Constantine has established the award-winning King County-Cities Climate Collaboration (K4C) with 13 cities representing 1.8 million residents that pursues climate goals and action commitments. King County is now working with tribal and local governments to establish a regional climate preparedness collaborative. Constantine is a Seattle native, three-time University of Washington alumnus, and an attorney licensed in Washington for the past 27 years. He received an Elected Official of the Year Award from Governing Magazine in 2016.

The Honorable Ted Deutch, United States House of Representatives



Ted Deutch represents Broward and Palm Beach counties in the U.S. House of Representatives. In Congress, Deutch has earned a reputation as being a Democrat willing to work across the aisle to get things done. Deutch is co-founder and co-chair of the Congressional Climate Solutions Caucus, the first bipartisan climate change task force to discuss the wide impacts and to develop economically-viable policies to reduce climate risk. Deutch passed legislation reauthorizing federal support for ocean-generated renewable energy research underway at institutions like Florida Atlantic University, and an amendment to prevent the relocation of the NOAA research facility on Virginia Key. Ted also helped secure federal funding for beach renourishment and Everglades restoration. In June 2016, he received the inaugural Climate Leadership Award from Citizens' Climate Lobby. Deutch lives in Boca Raton with his wife Jill and their three children.

Katharine Hayhoe, Professor of Political Science and Director of the Climate Science Center, Texas Tech University



Photo credit: Artie Limmer
Texas Tech University

Dr. Katharine Hayhoe is an accomplished atmospheric scientist whose research focuses on developing and applying high-resolution climate projections to understand what climate change means for people and the natural environment. She is also a remarkable communicator. In 2014, she was recognized by Time Magazine as one of the top 100 Most Influential People in the world and by Foreign Policy as one of the top 100 Global Thinkers; her work was featured on the Emmy award-winning documentary series, *The Years of Living Dangerously*; and she won the American Geophysical Union's award for climate communication.

In 2016, she was named to the Politico 50 list of thinkers, doers and visionaries transforming American politics, while in 2017 she was named one of the world's greatest leaders by Fortune magazine. She is a lead author for the U.S. National Climate Assessments and has served on panels for the National Academy of Sciences, American Association for the Advancement of Science, and many other professional organizations devoted to understanding and communicating climate change. Katharine is currently a professor and directs the Climate Science Center at Texas Tech University. She has a B.S. in Physics from the University of Toronto and an MS and PhD in Atmospheric Science from the University of Illinois.

Sustainable
Hollywood



Visit www.hollywoodfl.org/sustainability
to learn how Hollywood is becoming a
more resilient City.



Speakers and Panelists

Steve Adams, Director of Urban Resilience, Institute for Sustainable Communities



Steve Adams works to identify, catalyze, and scale breakthrough opportunities to advance urban sustainability and resilience within the U.S. Since leaving government in 2009, Adams helped create the Southeast Florida Regional Climate Change Compact and co-founded the American Society of Adaptation Professionals. Adams has led resilience projects in the Phoenix and Seattle regions, Great Lakes, Intermountain West, West Coast, and New England. From 2007-2009, he served as an energy and climate policy advisor to Governor Charlie Crist and as Staff Director for the Governor's Action Team on Energy and Climate Change. Earlier, Adams worked for the Florida Department of Environmental Protection, and in 2002-2003, he was Senior Advisor to U.S. EPA Administrator Christie Todd Whitman's Environmental Indicators Initiative.

Zelalem Adefris, Climate Resilience Program Manager, Catalyst Miami



Zelalem Adefris has an M.P.H. in Global Environmental Health from Emory University and a B.S. in community health from Brown University. Her previous work experience includes environmental justice organizing at the Environmental Justice League of Rhode Island and conducting emergency preparedness research at the U.S. Centers for Disease Control and Prevention. At Catalyst Miami, Zelalem

works to educate Miami-Dade County residents on climate threats, build climate leadership in Miami-Dade's low- and middle-income communities, implement programs that strengthen community resilience, and advocate for proactive climate policies.

**Verdenia C. Baker, County Administrator,
Palm Beach County**



As County Administrator, Verdenia Baker oversees the daily management of county departments and agencies funded by the Board of County Commissioners with a budget of approximately \$4 billion, 6,300+ employees, serving a population of over 1.3 million. Baker began her career with Palm Beach County in 1987 as a Budget Analyst and served from 2000 to 2015 as Deputy County

Administrator. Baker holds a B.S. in Rehabilitative Services and M.S. in Public Administration from Florida State University and is a Golden Life Member of Delta Sigma Theta Sorority, Inc. – West Palm Beach Chapter. Baker is a Certified Government Financial Manager and former president of the National Forum for Black Public Administrators.

Making resilience work.

ATKINS

Member of the SNC-Lavalin Group

Four elements of a comprehensive approach to resilient communities.

**CLIMATE CHANGE VULNERABILITY
Assessment & Adaptation Planning**

Find and communicate the right solutions:
Atkins City Simulator® visualizes long-range socioeconomic impacts of land use, zoning, regulatory, and infrastructure decisions.

**EMERGENCY MANAGEMENT
Prepare-Respond-Recover-Mitigate**

Programmatic and technical expertise to expedite recovery, maximize reimbursement across funding sources, and strengthen community resilience through mitigation.

ATKINS

ASSET MANAGEMENT

Build a solid foundation for investment
Asset location, age, condition and risk to forecast life-cycle costs and priorities
Link infrastructure capital plans to sea level rise adaptation to optimise capital expenditures

**COASTAL RESTORATION
Restore-Rebuild-Replant-Protect**

Atkins ecology, geology, coastal engineering, and regulatory expertise
Facilitating resilient coasts for resilient coastal communities throughout Florida

Come by our booth to see City Simulator® work.

Jack Hampson **813.281.8368**

www.atkinsglobal.com/en-GB/north-America/sectors-and-services

13056012781509

Robin Barnes, Executive Vice President and Chief Operating Officer, Greater New Orleans, Inc.



As the number-two executive at Greater New Orleans, Inc., the regional economic development organization for Southeast Louisiana, Robin oversees several initiatives designed to create and protect jobs. To turn environmental challenges into economic opportunity and resilience, Robin has led the development of the region's Environmental Management sector and the Greater New Orleans Urban Water Plan. She has built new coalitions to better engage the business community in restoration and resilience efforts, including the Coalition for Coastal Resilience & Economy, which is composed of key executives from diverse industries in Greater New Orleans. She also runs RES/CON: The Global Resilience Summit, serves on the Sewerage and Water Board of New Orleans and the New Orleans Workforce Investment Board, and served on the Hurricane Sandy Rebuilding Task Force in 2013.

From resiliency-based planning to infrastructure implementation, we are helping communities adapt to climate change and extreme weather events, protecting both the investments of today and the framework of tomorrow.

If you are trusted to protect public health
or the environment, we can help.





SIEMENS
Ingenuity for life

Creating perfect places to live.

Siemens helps cities of all sizes take advantage of innovative infrastructure improvements that advance the quality of life for all residents.

usa.siemens.com/totallycities

See how we're using **philanthropy**
to make Greater Miami
a more **resilient city**.

miamifoundation.org/50

The Miami Foundation
For A Greater Miami



Jerry Bell, Associate Director for Planning, Department of Regulatory and Economic Resources, Miami-Dade County



Jerry H. Bell, AICP, is the Assistant Director for Planning at the Miami-Dade County Department of Regulatory and Economic Resources. In this capacity, he oversees the Planning Division of the County's Department of Regulatory and Economic Resources, which provides services related to sound growth management, historic preservation, urban planning, sustainability planning, and transportation development through the Comprehensive Development Master Plan and

related activities. Jerry has extensive experience preparing innovative planning documents and managing projects with strong research, analysis, visioning, and public involvement components. His expertise includes comprehensive planning, urban design, evaluation and appraisal reports, capital improvement plans, development regulations, development review, workshop and meeting facilitation, environmental planning, redevelopment, and grant writing.

Chris Bergh, South Florida Program Manager, The Nature Conservancy



Chris Bergh is the South Florida Program Manager for The Nature Conservancy's Florida Chapter. His work encompasses natural area protection and management, coral reef conservation and restoration, and adaptation of the coastal built environment in one of the United States' most vulnerable regions with respect to hurricanes and sea level rise. As a lifetime resident of the low-lying Florida Keys, developing practical solutions for sea level rise is on the top of his agenda.



INSTITUTE FOR
Sustainable
Communities
what's possible

At the Institute for Sustainable Communities, we value the power of local leadership. We proudly work with the Southeast Florida Regional Climate Change Compact every day, to show the world **what's possible**.



**SOUTHEAST FLORIDA
REGIONAL CLIMATE
CHANGE**

www.iscvt.org

To learn more about ISC, contact Steve Adams, Director of Urban Resilience
sadams@iscvt.org



The Honorable Lauren Book, Florida Senate



Senator Lauren Book, M.S. Ed, is an internationally-respected and renowned child advocate, former classroom teacher, and best-selling author. She represents the Broward County-based District 32 in the Florida Senate and was elected to serve in 2016. Sen. Book serves as the Democratic Leader Pro Tempore and Chair of the Appropriations Subcommittee on the Environment and Natural Resources. In her capacity

as Founder and CEO of Florida-based nonprofit Lauren's Kids, Book works tirelessly to prevent child sexual abuse and help survivors heal and was named a People Magazine/Major League Baseball "All-Star Among Us" and L'Oreal Woman of Worth. She is an Emmy- and Gracie Award-winning television producer and has been featured by national media outlets including Newsweek, Cosmopolitan Magazine, the Huffington Post, and USA Today.

Anita Byer, President, Setnor Byer Insurance & Risk



Anita Byer is President of Setnor Byer Insurance & Risk, an independent insurance agency formed over 30 years ago to provide businesses and families throughout the region with a blend of risk management advisory services and property, casualty and benefits insurance solutions. A graduate of the University of Florida, Ms. Byer joined Setnor Byer as a principal shareholder, and focuses on client relations and the development of risk

management offerings that improve operational and strategic outcomes. In 1997, Ms. Byer founded The Human Equation, a risk management software solutions company that builds software to help businesses address and reduce their property and casualty risk.

Matt Carroll, President, Hoover Architectural Products



Matt Carroll is President of Hoover Architectural Products. For over 60 years, the South Florida-based and family-owned company has provided industry leading architectural products and shade structures. The company has two manufacturing locations in West Palm Beach and Fort Lauderdale and provides services across the region. Matt considers the value of embedding resilience both at the product level to provide hurricane-

strength structures and energy efficiency, and at the municipal level when developing long-term business plans.

The Honorable Heather Carruthers, Commissioner, Monroe County



Heather Carruthers was first elected to the Monroe County Board of County Commissioners from District 3 in 2008 and was re-elected twice without opposition. She served as County Mayor in 2011 and 2016. Heather's policymaking and policy-changing efforts are most notably recognized in Tallahassee and Washington on issues of sea level rise and National Flood Insurance Program reform.

She currently co-chairs the Florida Association of Counties Executive Committee on Federal Legislation. Heather was past chair of the South Florida Regional Planning Council and a member of the South Florida Partnership (Seven50). Heather enjoys choral singing and spending time with her spouse and two young children experiencing the laid-back culture and extraordinary natural beauty of the Florida Keys.

Samantha Danchuk, Assistant Director, Environmental Planning and Community Resilience Division, Broward County



Dr. Samantha Danchuk is the Assistant Director of the Environmental Planning and Community Resilience Division of Broward County, where she leads the implementation of the County's Climate Action Plan and Energy and Sustainability Program activities. This year, the program is focusing on increasing the business community's interest in energy efficiency and promoting renewable energy installations, inspiring and training new Climate

Ambassadors, and providing resiliency policy and planning technical support to the region. Samantha earned a doctorate from Louisiana State University, a Master's from UC Berkeley, and a BS from Florida State University in environmental engineering and coastal modeling.

Greg Dobson, Director of Geospatial Technology, National Environmental Modeling and Analysis Center/FernLeaf Collaborative



For more than a decade, Greg Dobson has been responsible for applying cutting-edge GIS and geospatial-based research to various challenges, including climate change, community resiliency, coastal flooding, and changing land-use patterns. Working directly with the US Global Change Research Program, he produced many of the climate variable maps that are part of the Fourth National Climate Assessment and subsequent reports. In 2016, Dobson and his GIS team were recognized by Esri

with a Special Achievement in GIS Award.

James Donnelly, Founder and CEO, Castle Group, and Chair of the Broward Workshop



James Donnelly is the Founder and Chief Executive Officer of the Castle Group, Florida's choice for community management. He is also a CPA, angel investor, serial entrepreneur, and philanthropist. Donnelly holds a Bachelor of Commerce from Carleton University in Canada, and Chartered Professional Accountant designation from the Canadian Institute of Chartered Professional Accountants. He is currently the Chair of the Broward Workshop, sits on the Community Foundation Board of

Directors, and Board of Advisors of the LeMieux Center for Public Policy at Palm Beach Atlantic University. Donnelly and wife Cathy live in Fort Lauderdale and have three adult sons.

**UPFRONT FINANCING FOR
QUALIFYING IMPROVEMENTS**



Hurricane Protection On-site Renewable Energy Energy Efficiency



Broward.org/GoGreen
PACE Financing Program

Elizabeth Doris, Laboratory Program Manager: State, Local, and Tribal Governments, National Renewable Energy Lab



Elizabeth Doris manages a \$10M annual portfolio and is responsible for coordinating activities with state, local and tribal governments across the laboratory. Doris has 17 years of program development and management experience in energy efficiency and renewable energy policy research, and content expertise in energy policy, including over 50 publications on effective policies for clean energy development. She has a B.S.

degree in Environmental Science from Boston University and an M.A. in Environmental Policy from Johns Hopkins.

Shannon Estenoz, Director of Everglades Restoration Initiatives, United States Department of the Interior



As the U.S. Secretary of the Interior's representative in Florida, Shannon Estenoz coordinates the Department's Everglades restoration efforts and serves as Executive Director of the South Florida Ecosystem Restoration Task Force. Estenoz's 18-year Everglades career includes senior roles with local, national, and international nonprofits and three terms as National Co-Chair of the

Everglades Coalition. Estenoz served as a member and Vice Chair of the Governing Board of the South Florida Water Management District under Governor Charlie Crist. She also chaired the Water Resources Advisory Commission and the Broward County Water Resources Task Force. Estenoz is a fifth-generation Key West Conch and holds degrees in international affairs and civil engineering from Florida State University.

The Honorable Gary Farmer, Florida Senate



Senator Gary Farmer represents State Senate District 34, the eastern coast of Broward County. Elected for the first time in 2016, Farmer is dedicated to bringing Broward County's priorities to the forefront in Tallahassee. One such priority is addressing the effects of climate change in South Florida. Global climate change continues to threaten our region, and with it the greater Florida ecosystem and economy. Our state can play a much larger role in addressing the effects of, and mitigating the human-related causes of climate change. Senator Farmer is dedicated to enacting scientifically-proven policy solutions to address our climate concerns.

Wayne Fletcher, Risk Manager, Risk Management Division, Broward County



Wayne Fletcher has 30 years of leadership and management experience in the property and casualty insurance and risk management sectors. His expertise includes strategic planning, insurance and risk mitigation management, insurance underwriting and product development, regulatory compliance, vendor management, reinsurance negotiations, and legislative lobbying. Wayne presently serves as the Insurance Risk Manager for Broward County and has held the same position at Miami-Dade County and Lennar Homes. He co-founded a flood insurance write-your-own vendor certified by the National Flood Insurance Program, helped successfully re-engineer two struggling insurers and played a key role in the development of three new property and casualty insurance carriers.

The Honorable Beam Furr, Mayor, Broward County Commission



Mayor Beam Furr grew up in Hallandale, lives in Hollywood, and taught school in Broward County for 25 years. In 2000, he was elected as City Commissioner for Hollywood's District 2, where he served for 12 years. He currently serves as Broward County Mayor and Commissioner for District 6, representing parts of Hollywood, Hallandale Beach, and Pembroke Pines. Mayor Furr has worked tirelessly to protect and enhance the local environment, spearheading efforts to protect waterways and natural spaces and combat climate change. He serves on the Executive Committee of the Broward Metropolitan Planning Organization, as Chair of the Broward County Water Advisory Board, and as past Chair of the Broward County Climate Change Task Force. Furr is married to Shelli and has one child, Eliza.

Roman Gastesi, County Administrator, Monroe County



Roman has more than 25 years of work experience in the public and private sectors. He has established a unique background that blends science, business administration and working in the trenches of government – at the local, state and federal levels. For the past 9 years, he has served as County Administrator of Monroe County, where he oversees all 21 of the County's departments and a County budget of more than \$450 million. Before coming to Monroe County, Roman served as Governmental Affairs Director for Tew Cardenas law firm, led the Office of Water Management for Miami-Dade County, and directed the Miami-Dade Regional Service Center of the South Florida Water Management District.

The Honorable Steve Geller, Broward County Commission



Senator Steve Geller serves as Broward County Commissioner for District 5. He was elected to the Commission in 2016 and represents seven cities in west Broward. Senator Geller served in the Florida House for nine years, and the Florida Senate for 11 years, including as Democratic (Minority) Leader of the Senate. He was appointed as a Committee Chair by both Democratic and Republican presiding officers. Senator Geller was elected National President of both the National Conference of Insurance Legislators and the National Council of Legislators from Gaming States. He practices law in Fort Lauderdale and is an "A-V Preeminent"-rated lawyer.

The Honorable Carlos A. Gimenez, Mayor, Miami-Dade County



Carlos A. Gimenez is the Mayor of Miami-Dade County, Florida's most populous county. As Miami-Dade's highest-ranking elected official and chief administrator, Mayor Gimenez is responsible for the leadership and management of an organization with over 28,000 employees, an annual budget of approximately \$7.4 billion, and serving 2.7 million residents. Gimenez was first elected Mayor in 2011 after a special election and

was re-elected in 2012 and 2016. He brings over 40 years of public service experience. Prior to becoming Mayor, Gimenez served on the Board of County Commissioners, had a distinguished 25-year career in the City of Miami Fire-Rescue Department, and served as City Manager.

Susan Glickman, Florida Director, Southern Alliance for Clean Energy



As Florida Director, Susan supports the work of the Alliance to promote smart energy choices to ensure clean, safe and healthy communities throughout the Southeast. Glickman is also a long-time consultant to the Natural Resources Defense Council. She was the U.S. Southern Region Director for The Climate Group, a London-based nonprofit working with Fortune 500 companies. Glickman also developed and directed the Florida Business Network

for a Clean Energy Economy, a coalition of business leaders working to advance the low-carbon economy.

David Groves, Co-Director, Water and Climate Resilience Center, RAND Corporation



David Groves also serves as a senior policy researcher at the RAND Corporation and a professor at the Pardee RAND Graduate School. He is a key developer of new methods for decision-making under deep uncertainty and works directly with natural resources managers worldwide to improve planning for the future. His practice areas include coastal resilience planning and water resources management, with an emphasis on climate adaptation and resilience. Groves led a forthcoming study

of South Florida flood vulnerabilities, and the RAND team which developed the planning framework and decision support tool used in Louisiana's recent 50-year, \$50-billion Coastal Master Plan.

FOCUSED
www.BrowardWorkshop.com



Is your organization a

Climate Action Leader?

**Applications due
January 30, 2018**

Email Resilience@Broward.org

Broward.org/Climate



Carlos Gutierrez, Gutierrez Group, Coldwell Banker Residential Real Estate



Carlos Gutierrez is a 15-year veteran of the real estate industry. In 2016, he was one of the youngest people elected as Residential President of the Miami Association of Realtors, the largest local Realtor association in the U.S. with 46,000 members. He also serves in leadership roles in local, state, and national Realtor associations. Gutierrez has been quoted in more than two dozen Miami Herald articles, local and international news segments, and radio and magazine interviews. He serves on the City of Miami Beach

Resiliency Communications Committee and as a two-term Flotilla Staff Officer and certified interpreter for the U.S. Coast Guard Auxiliary.



AECOM

Imagine it.
Delivered.

As a global network of professionals working with clients and communities, we develop innovative solutions to the world's most complex environmental challenges.

AECOM is proud to support the
**9th Annual Southeast Florida Regional
Climate Leadership Summit.**

aecom.com

Rhonda Haag, Sustainability Director, Monroe County



Rhonda Haag has been with Monroe County for six years and leads the County's resiliency efforts to help the County and coastal communities be prepared for the effects of sea level rise. To assist in these efforts, Haag serves as an active member of the Southeast Florida Regional Climate Change Compact Staff Steering Committee. She is committed to improving the environment in the Keys, securing the future livability of its residents, and ensuring Monroe County is a leader in its resilience efforts.

Nichole Hefty, Deputy Resilience Officer, Office of Resilience, Miami-Dade County



Nichole Hefty works directly with the Miami-Dade County Chief Resilience Officer, in partnership with Rockefeller's 100 Resilient Cities and local partners, the City of Miami, and the City of Miami Beach, in developing a Resilience Strategy for Greater Miami and the Beaches. She also coordinates the County's sustainability plan, GreenPrint, as well as the County's climate change and sea level rise efforts, and in this

capacity, serves on the Staff Steering Committee of the Southeast Florida Regional Climate Change Compact.

Bertha Henry, County Administrator, Broward County



Bertha Henry was named County Administrator in October 2008 after serving as Interim Administrator for a year and Deputy Administrator for seven years. As Chief Executive Officer of Broward County, she directs the functions of county government under the auspices of the Board of County Commissioners. Bertha oversees a county of approximately 1.9 million residents, a budget of nearly \$5 billion, and operations for nearly 60 agencies with more than 6,200 employees,

including the airport, seaport, and Greater Fort Lauderdale Convention & Visitors Bureau. A native of Miami, Bertha has a distinguished 35-year career in public administration, including service in Montgomery County (Dayton), Ohio, and the City of Miami. She was recently named a 2017 Public Official of the Year by *Governing* magazine.

Sam Hersh, Policy Advisor for Coastal Resiliency, Mayor's Office of Recovery and Resiliency, City of New York.



Sam Hersh is the Policy Advisor for Coastal Resiliency in the New York City Mayor's Office of Recovery and Resiliency. In this role, he is responsible for advancing City policy related to new coastal resilience assets and for the delivery of a multi-billion-dollar portfolio of coastal resilience infrastructure projects and operational programs. Sam has experience in economic consulting, public finance, and transportation advocacy. He is a graduate of Haverford College with a degree in Growth and Structure of Cities.

Bereatha Howard, Community Leader, Miami-Dade County



Bereatha Howard is currently involved in several climate resilience organizations in Miami-Dade County. She received a deep appreciation for climate change while attending a CLEAR (Community Leadership on the Environment, Advocacy, and Resilience) training at Catalyst Miami. Later, she was awarded a fellowship to provide outreach to the residents of Liberty City in Miami, and went door-to-door informing residents about the benefits of hurricane preparedness and distributing 60 hurricane preparedness kits. Bereatha is also an

ordained minister, teaches seniors about technology as a certified computer instructor at Broward County Library, and helps low-income individuals complete their tax returns through the Volunteer Income Tax Assistance program.

HOW RESILIENT ARE YOUR TRANSPORTATION SYSTEMS & ASSETS?

Partner with Cambridge Systematics to help ensure your community is ready to Move ➔ Forward.

Connect with CS' Karen Kiselewski, Sr. Associate

954-331-6116

kkiselewski@camsys.com

camsys.com



CAMBRIDGE SYSTEMATICS 

The Honorable Kristin Jacobs, Florida House of Representatives



Kristin Jacobs is a member of the Florida House of Representatives. Her journey began as president of her neighborhood homeowners' association, and she was later elected to four terms on the Broward County Commission, serving several times as Mayor. Jacobs' collaborative approach to politics led to landmark initiatives, many heralded as national models, including the Southeast Florida Regional Climate Change Compact, a four-county effort to address climate change, and a Tri-County Compact

that helped the three largest counties in southeast Florida pursue shared interests. Currently, she serves as Democratic Ranking Member on both the Natural Resources and Public Lands Subcommittee and the Agriculture and Natural Resources Appropriations Subcommittee.



Nova Consulting

- Program Management
- Construction Management
- Water Resources
- Transportation / Transit
- Airports & Ports
- Civil / Environmental

marketing@nova-consulting.com
www.nova-consulting.com

DBE • M/WBE • SBE • CBE • WOSB

(305) 436-9200

Jennifer Jurado, Chief Resilience Officer and Director, Environmental Planning and Community Resilience Division, Broward County



Dr. Jennifer Jurado is responsible for advancement of Broward's regional environmental planning and climate resilience initiatives, with responsibilities for climate mitigation and adaptation, water resource planning, shoreline protection, marine resources, and environmental monitoring. Since joining the County in 2002, Jennifer has been a key figure in the advancement of multi-jurisdictional initiatives, with a focus on integrated resource management, and she has been a participant in the Southeast Florida

Regional Climate Change Compact since its formation in 2009. Dr. Jurado continues to serve on the Compact Staff Steering Committee and co-chaired the water management and economic resilience work groups for the Second Regional Climate Action Plan.



What if individuals, businesses,
and communities could learn
their risk of flooding now
and for decades ahead?

They can.

Coastal Risk identifies a property's
flood risk from tidal and storm
surge, hurricanes, heavy rainfall,
groundwater, and sea level rise.

Now, and in the future.

(844) SEA-RISE

www.floodscores.com



The Honorable Chip LaMarca, Broward County Commission



Chip LaMarca, a lifelong resident of Broward, represents coastal communities in Commission District 4. He has earned a reputation as a citizens' advocate and voice for Broward's taxpayers, veterans, first responders, and pets. Commissioner LaMarca had a long career in the construction industry prior to the 2006 founding of his own firm, LaMarca Construction. He was elected to the Lighthouse Point City Commission

in 2005 and the County Commission in 2010 and 2014. As a Republican who is outspoken on the environment, Commissioner LaMarca is particularly focused on coastal issues, such as sea level rise and resilient infrastructure. He and his wife Eileen reside in Lighthouse Point with their two rescue dogs.

Dan Lindblade, President and CEO, Greater Fort Lauderdale Chamber of Commerce



Dan has over three decades of award-winning organizational management experience at national, state, and local levels. He oversees operations for the Chamber, leading the executive management team in Fort Lauderdale, lobbying on behalf of business issues and interests and serving as spokesman. Dan is a Commissioner of the Fort Lauderdale Housing Authority and serves on the Orange Bowl Committee, Greater

Fort Lauderdale Alliance Board of Directors, Board of Friends of Birch State Park, Winterfest's Executive Committee and Board, Florida Restaurant and Lodging Association's South Florida Chapter, Florida Association of Chamber Professionals, and numerous other groups. Dan has held positions of President & CEO, among other positions, at organizations in Madison, WI, Orlando, Albuquerque, Fort Lauderdale, and Lexington, KY.

Fadi Masoud, Assistant Professor of Landscape Architecture and Urbanism, University of Toronto



Fadi Masoud's research, teaching, and design work focuses on establishing relationships between dynamic large-scale environmental systems, landscape design, and the instrumentality of planning tools and codes. Prior to joining the John H. Daniels Faculty of Architecture, Landscape, and Design at the University of Toronto, Masoud held teaching and research appointments at the Harvard Graduate School of Design, and Massachusetts Institute of Technology's Department of Urban Studies and Planning where he taught design studios and

seminars on urbanism, landscape, and visual representation.

Miho Mazereeuw, Director, Urban Risk Lab, Massachusetts Institute of Technology



Architect and landscape architect Miho, is an associate professor of architecture and urbanism at MIT and is the director of the Urban Risk Lab. Working on a large, territorial scale with an interest in public spaces and the urban experience, Miho is known for her work in disaster resilience. She taught at the Harvard Graduate School of Design at Harvard University and the University of Toronto prior to joining the faculty at MIT. Miho was

formerly an Associate at the Office for Metropolitan Architecture and has also worked in the offices of Shigeru Ban and Dan Kiley.

The Honorable Melissa McKinlay, Mayor, Palm Beach County Commission



Melissa McKinlay was elected to the Board of County Commissioners in 2014. Prior to her election, Mayor McKinlay spent nearly twenty years advocating on behalf of women, children, and families as a legislative aide to the Palm Beach County Legislative Affairs Office, to members of Congress and the US Senate, and as a volunteer with several organizations including the Junior League. Her public service involves working at all three levels of government, including the office of US Senator

Bill Nelson, the US House, Florida House of Representatives, Florida Department of Community Affairs, and Sarasota County Budget Department.

**Samantha Medlock, Senior Vice President,
Willis Towers Watson**



Samantha Medlock heads the Willis Towers Watson Capital Science & Policy Practice in North America to address large-scale risk and resilience requirements for clients across corporate, institutional, and public sectors. Medlock has more than twenty years of experience in land use and disaster law and has testified in Congress and provided expert opinion in complex litigation.

She has served numerous roles in federal, state and local government as White House Senior Advisor, land use planner, counsel, and floodplain manager. Medlock is a Juris Doctor graduate with honors from Vermont Law School and earned a B.S. summa cum laude from Texas Woman's University.

A Carbon-Neutral Summit

Broward.org/GoGreen/PlanItGreen

Plan it



***Certified*
Green**

360 tons

**CO₂
offset**

**9th Annual
Southeast Florida
Regional Climate
Leadership Summit**

James F. Murley, Chief Resilience Officer, Miami-Dade County



James F. Murley was appointed Chief Resilience Officer for Miami-Dade County by Mayor Carlos Gimenez in November 2015. Miami-Dade County, in partnership with the Cities of Miami Beach and Miami, joined the international 100 Resilient Cities network in May 2016. Murley has served in a variety of roles, including Secretary of the Department of Community Affairs under Governor Lawton Chiles, Chair of the Florida Energy and Climate Commission under Governor Charlie Christ, Executive

Director of 1000 Friends of Florida, and Executive Director of the South Florida Regional Planning Council. Murley is a founding member of the American Society for Adaptation Professionals and Resiliency Florida.

Jayantha Obeysekera, Chief Modeler, South Florida Water Management District



As Chief Modeler, “Obey” serves as the District’s technical lead for climate change and sea level rise issues. He served as a member of the federal advisory committee which directed the development of the National Climate Assessment (NCA) in 2014 and was a lead author of the Southeast Chapter of the NCA 2014. Obey also served as a member of the Coastal Assessment Regional Scenario Working Group associated with the US Department of Defense. He also co-authored the Global and Regional

Sea Level Rise Scenarios report published by NOAA in 2017. He holds bachelor’s, master’s, and doctoral degrees in engineering from the University of Sri Lanka, University of Roorkee, India, and Colorado State University, respectively, and is a recipient of the Norman Medal of the American Society of Civil Engineers for a technical paper that makes a definitive contribution in engineering.

Alan Ojeda, Owner and Chief Executive Officer, Rilea Group



Alan Ojeda, owner, founder, and CEO of the Rilea Group, has developed real estate in South Florida since Rilea’s inception in 1981. Alan is committed to the South Florida community, a former chairman and board member of Carrfour (www.carrfour.org) providing homes to the homeless, a board member of the Miami Children’s Health Foundation (www.mchf.org), the leader in local child healthcare, and to community planning as a board member

of the Miami Downtown Development Authority (www.miamidda.com). Alan graduated from the Madrid School of Law and the Madrid School of Economics.

Debbie Orshefsky, Partner, Holland & Knight LLP



Debbie M. Orshefsky is a partner in Holland & Knight's Fort Lauderdale and DC offices. She practices in the areas of land development and environmental law with specific experience in planning, infrastructure planning and financing, zoning, subdivision controls and community redevelopment, as well as state, regional, and local roles in land use decision-making. Orshefsky has represented private developers and government agencies as special counsel and has intimate knowledge of the land use

planning process. In addition, she is a frequent speaker at state and national seminars on the land development process, as well as infrastructure planning and funding.

Jack Osterholt, Deputy Mayor, Miami-Dade County



Jack Osterholt is Deputy Mayor of Miami-Dade County and Director of the Department of Regulatory and Economic Resources. He is responsible for the Aviation Department, PortMiami, and the Water and Sewer Department. Additionally, he is the Mayor's liaison to the Metropolitan Planning Organization, Beacon Council, Greater Miami Chamber, Convention and Visitors Bureau, Downtown Development Authority, South Florida Regional

Planning Council, and Sports Commission. Prior to joining the County, Osterholt was president of Osterholt Consulting, Inc., and served as Broward County Administrator, Executive Director of the South Florida Regional Planning Council, and Deputy State Budget Director and head of policy and planning for Governor Bob Graham.

Steve Palmer, Chief Operating Officer, Stiles Corporation



Steve Palmer's 38-year career with Stiles began in 1979 when he was hired as an estimator. He later held positions as project manager, construction manager, vice president, and then president of Stiles Construction Co., prior to assuming his current role as Chief Operating Officer in early 1994. Palmer is responsible for organizational and strategic planning as well as direct oversight of several divisions, including construction, architecture, property management, realty, and marketing. He is an honors

graduate of the University of Florida's School of Construction Management, State of Florida Certified General Contractor, 30-year board member and past president of Kids in Distress, and board member and past president of both Habitat for Humanity and the Executives Association of Fort Lauderdale.

Jonathan Parfrey, Executive Director, Climate Resolve



Jonathan Parfrey is founding director of Climate Resolve, a California-based nonprofit. He served as a commissioner at the Los Angeles Department of Water and Power from 2008 to 2013. Parfrey is a founder of the Los Angeles Regional Collaborative for Climate Action and Sustainability, as well as the statewide Alliance of Regional Collaboratives for Climate Adaptation, where he currently serves as chair. He directed the Green LA Coalition as well as the Los

Angeles office of Physicians for Social Responsibility. He is a fellow at the USC Marshall School of Business and the Los Angeles Institute for the Humanities and a member of the State of California Climate Adaptation Technical Advisory Council. In 2016, he received the LA County Board of Supervisors Chair's Green Leadership Award.

The Honorable Holly Raschein, Florida House of Representatives



Holly Raschein is a member of the Florida House of Representatives, elected in 2012 to represent the 120th District, encompassing Monroe County and southern Miami-Dade County. Originally from Alaska, Raschein attended Florida State University, graduating with a degree in political science in 2003. She then moved to the Keys, where she worked as a District Aide and then Legislative Aide for Representatives Sorensen and Saunders. Raschein chairs the House

Natural Resources & Public Lands Subcommittee and serves on five other committees. She is also active in the Florida Defense Support Task Force, Florida Council on Arts & Culture, Beacon Council, and National Foundation of Women Legislators.

BECAUSE THERE IS NO PLANET B



First GREEN Bank

a local bank with a global mission™

First GREEN Bank is the first bank of its kind to promote positive environmental and social responsibility.



global alliance
for banking
on values



Offices Throughout Florida

www.firstGREENbank.com



Member
FDIC



For more than 40 years, NREL has enabled American jobs, boosted U.S. economic growth, advanced energy innovations, and strengthened our nation's energy security.

Offering leading-edge, long-term, whole-community solutions for sustainable, **resilient** infrastructure.

NREL is a national laboratory of the U.S. Department of Energy
Office of Energy Efficiency and Renewable Energy Operated by
the Alliance for Sustainable Energy, LLC

Learn more at www.nrel.gov

Delaney Reynolds, Founder, The Sink Or Swim Project



Delaney is the Founder & CEO of The Sink or Swim Project, an educational and political advocacy organization focused on a variety of environmental topics, including climate change and sea level rise, and its popular website, www.miamisearise.com. She is currently pursuing degrees in marine science and biology at the University of Miami and splits her time between Miami and No Name Key in Monroe County.

She is also the author and illustrator of three children's books, as well as a comic book on ecology topics, and is completing a new book on the impact of climate change and sea rise in South Florida. Delaney has been called "one of the leading voices for the environment for her generation" by Philippe Cousteau.

The Honorable David Rice, Mayor, Monroe County Commission



Mayor David Rice has been a resident of Monroe County since 1973, when he came to the Keys to pursue a love of scuba diving. He was the founder of the Guidance Clinic of the Middle Keys, serving as its Executive Director for over 30 years before his retirement in 2006. He previously served as the District 4 Commissioner from 2002 to 2006, was again elected to the County Commission in 2010,

and in September 2014 was reelected to serve a second consecutive term through November 2018. He currently serves on the Board of Directors for the Guidance/Care Center; and on the Historic Florida Keys Foundation Board.

The Honorable Nan Rich, Broward County Commissioner



Senator Nan Rich, District 1 Commissioner, focuses on social justice and human services, including affordable workforce housing, effective climate policy, meaningful juvenile justice reform, child welfare, and seniors. Elected to the State Senate in 2004 after serving two terms in the Florida House, Senator Rich was the first woman to be elected Senate Democratic Leader, a position she held from 2010 until 2012. She currently chairs the County Climate Change Task Force and serves as a board member for Kids in Distress, the Area-wide

Council on Aging of Broward County, and Advisory Council for the FAU Center for Women, Vice-Chair of the Broward Behavioral Health Coalition, and Chair of the Coordinating Council of Broward County.

The Honorable Jose Javier Rodriguez, Florida Senate



José Javier Rodríguez was elected in 2016 as State Senator to represent District 37, having previously served as State Representative for House District 112. José Javier serves on the Senate Commerce and Tourism, Community Affairs, Ethics and Elections, and Rules Committees, and three Appropriations subcommittees. Currently, José Javier is a practicing attorney with the Kelley/Uustal trial firm. Previously, he worked for over five years as a legal aid lawyer with Florida Legal Services and served in the

Peace Corps in Senegal. This upcoming legislative session, Senator Rodriguez is sponsoring several environmental bills, including legislation to plan for the effects of sea level rise in Florida.



REBATE ME!

Get **\$100** rebate for a **WaterSense®** high efficiency toilet

Pre-approval required

CONSERVATION *Pay\$*.COM

800-270-9794

The Honorable Tim Ryan, Broward County Commissioner



A lifelong resident of Broward County, Tim Ryan was elected to the Broward County Commission, representing District 7, in November 2012 and served as Mayor of Broward County in 2014 after serving as Vice Mayor the previous year. Before his election to the Broward County Commission, Tim served for eight years in the Florida House of Representatives, from 1998 to 2006, before leaving office due to term limits. Tim attended the University of Florida where he earned his bachelor's and law degree.

Afterwards, he joined the family law firm of Ryan & Ryan, which was founded by his father in 1955.

Nancy Scanlon, Associate Professor, Chaplin School of Hospitality & Tourism Management, Florida International University



Dr. Nancy Scanlon is the chair of the Sustainability Council for the Greater Miami and the Beaches Hotel Association. She is also a co-chair of the sustainability committee for the American Hotel Association and on the advisory board of the International Tourism Partnership in the United Kingdom. Nancy is an Associate Professor at Florida International University's Chaplin School of Hospitality and Tourism Management and a faculty member for the FIU Sea Level Rise Solutions Center. She is active in climate change research and impact studies, working with

organizations and universities in South Florida and internationally.

William Seed, Vice President, Construction and Design, Jackson Health System



Bill has spent over 30 years in the construction related industry, 25 years specifically dedicated to health care. He earned his Bachelor of Science in Mechanical Engineering from the University of Akron, Ohio in 1990. Bill is currently leading the \$1.5 billion Jackson Miracle-Building Bond program, a five-year capital plan to enhance the patient care experience through renovation, expansion, and new facilities in Miami-Dade County. Previously, he spent two years helping Walt Disney Imagineering transform

their project delivery model to Integrated Lean Project Delivery, and seven years overseeing \$3 billion of construction and design activities for Universal Health Services, Inc.

Nick Shufro, Assistant Administrator, Risk Management Directorate, Federal Insurance and Mitigation Administration, Federal Emergency Management Agency



Nick is FEMA's Assistant Administrator, Risk Management Directorate (RMD) within the Federal Insurance and Mitigation Administration (FIMA). He directs RMD's responsibilities in support of the Agency's mission, including strategic planning, policy development, budget execution, program management, and reports to Congress. RMD leverages partnerships across the public and private sectors to encourage the public to motivate and empower communities to own their evolving risk.

RMD's portfolio includes the Risk Mapping, Assessment, and Planning Program; National Earthquake Hazard Reduction Program; the National Dam Safety Program; Building Sciences; and National Mitigation Planning. Integrated delivery of these programs enables FIMA to reduce loss of life and property, enable individuals to recover more rapidly from disasters, and lessen the financial impact on governments

Alex Sommers, Vice President, Hollywood Lakes Civic Association



Alexis N. Sommers, PhD, is Chair of Hollywood's Sea Level Rise Action Committee and is a Professor Emeritus in the Department of Mechanical Engineering at the University of New Haven in Connecticut, with a background in aerospace and forensic engineering. He holds degrees from Cornell, Rutgers, and Purdue, and served as president of a major die casting foundry and of the New Haven Manufacturers Association. His research interests include the failure mechanisms of structures in hurricanes and the corrosion failures of bridges in seawater.

Daniel Stander, Global Managing Director, Risk Management Solutions



Daniel Stander has spent 20 years focusing on innovation and resilience. At RMS, he works closely with governments, advising how to build resilience to the impacts of complex shocks (e.g. floods, terrorism, and pandemics) and stresses (e.g., sea level rise and coastal development). He is known for helping government quantify resilience, calculate the cost of inaction, articulate resilience targets, prioritize mitigation strategies, finance interventions, and transfer residual risk. Stander started his career in strategy consulting, has considerable start-up experience and has served on the boards of many charities. Stander holds a Master's from Oxford, studied for a Master's at the Humboldt, and is a graduate of the Center of Creative Leadership.

Ed Strobel, President, Sunshine Solar Services, Inc.



Ed Strobel is President of Sunshine Solar Services, Inc., a 10-year leader in solar systems in South Florida and off-grid solar-diesel hybrid systems in the Bahamas, the Caribbean, and other remote parts of the world. Ed holds a BS in Electrical Engineering and an MBA, and he designed and lives in a zero-energy, near-zero-water-use, 200-mph-hardened home on the river in Fort Lauderdale. He previously ran Florida divisions of Dell, HP, EMC, and Sun Microsystems before starting Sunshine Solar.

Axum Teferra, Clean Energy Planner II and Climate Specialist, Metropolitan Area Planning Council (Greater Boston)



Axum Teferra manages the Metro Mayors Climate Preparedness Taskforce, a 14-municipality collaborative driven to coordinate and align climate adaptation and mitigation initiatives at a regional scale. She also manages efficiency and renewable energy projects for cities and towns in the region. Teferra previously led energy and climate work at the Massachusetts Clean Energy Center and Second Nature and holds a B.S. in Environmental Conservation from Texas Tech and an M.A. in Urban and Environmental Policy and Planning from Tufts.

Susanne Torriente, Chief Resiliency Officer/ Assistant City Manager, City of Miami Beach



Susanne Torriente is Chief Resilience Officer and Assistant City Manager for the City of Miami Beach. She is a seasoned public administrator with more than 27 years of service in Miami-Dade County and several signature cities in the region. Her sustainability and resiliency portfolio includes planning, building, code compliance, and

environment and sustainability. The City of Miami Beach is a leader and pioneer in adaptation efforts in South Florida. As CRO, she is leading the effort to develop an action-oriented citywide resiliency strategy and a broader Greater Miami & the Beaches 100 Resilient Cities Strategy supported by the Rockefeller Foundation. She is a founding member of the Compact Staff Steering Committee; this body of work has afforded her the opportunity to share the South Florida climate resilience story around the world.

Michael Tubman, Manager, State Government Affairs & Public Policy, Electrify America



Michael Tubman is manager of state government affairs and public policy at Electrify America, a subsidiary of Volkswagen Group of America. He coordinates with government officials as the company invests \$2 billion in electric vehicle infrastructure across the United States. Michael was previously director of outreach at C2ES, facilitating collaboration between government

and business leaders to advance clean energy, and he served as energy advisor in the administrations of three Alaska governors. He holds a master of arts from the Johns Hopkins School of Advanced International Studies (SAIS) and an undergraduate degree from Georgetown University.

ENERGY SYSTEMS GROUP

*Providing Florida with Innovative Energy
and Infrastructure Solutions*

- Rebuild Deteriorating Infrastructure
- Modernize Buildings Lowering Operating Cost
- Environmental Stewardship
- Promote Economic Development & Sustainability
- Improve Energy Efficiency
- Lower Greenhouse Gas Emissions
- Implement Alternative Fuel Strategies For Fleet Operations
- Improve Delivery of Core Services
- Convert Waste to Energy
- Increase Safety & Livability

©2017 Energy Systems Group, LLC

For more information call 727.533.0403 or
email esg@energysystemsgroup.com
www.energysystemsgroup.com



Green & Growing

Go Green...Grow Green

The Florida Green Building Coalition advocates the use of products and processes that protect human health and natural resources as Florida grows and redevelops. We are architects and engineers, builders and developers, landscapers and business owners, and we are environmentalists and homeowners. We know that it is as important to protect the quality of life as it is to ensure economic opportunity.

We offer certification of homes, businesses, local governments, communities and more. Florida mayors have endorsed our programs because we focus on the things that are important to our communities and unique to Florida's climate, critters and resources.

To date, we have certified over 16,000 projects. These residents enjoy better indoor air quality, energy and water savings, Florida friendly landscaping, and many other features that reduce monthly operating and maintenance costs.

We think our Florida-specific requirements make our certification programs more advantageous for Florida's builders, developers and homeowners

Visit our website: www.FloridaGreenBuilding.org

Learn More. Join Us.
You'll look great in green.



PH: 407-777-4919 | Email: info@floridagreenbuilding.org | www.FloridaGreenBuilding.org

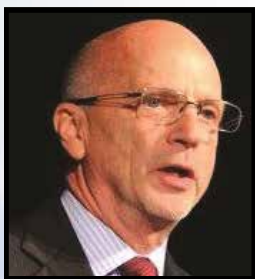
The Honorable Michael Udine, Broward County Commission



Michael Udine was elected to serve as the Broward County District 3 Commissioner in November 2016. For the past 13 years, he proudly represented the City of Parkland as mayor and city commissioner. Commissioner Udine successfully led the city as it achieved ratings as the Best City for Families, Safest City in South Florida, and Environmentally Proud City. In addition, he is a practicing attorney for the past 25 years at the law firm of Udine & Udine, which maintains its office in District 3 in Northwest

Broward. The firm focuses on real estate, insurance subrogation, and banking law.

Jon Van Arnam, Deputy County Administrator, Palm Beach County



Jon Van Arnam is the Deputy County Administrator for Palm Beach County, Florida, working with the County Administrator to oversee over 6,000 employees serving a population of 1.4 million residents. He assumed this position in 2015 after working for 10 years as an Assistant County Administrator. Jon has a BS in in Biology from Florida State University and a Master of Public Administration from Florida Atlantic University. He has overseen a variety of departments within the

County, including Environmental Resources Management, Parks & Recreation, Water Utilities, Public Safety, and Community Services. He was instrumental in the creation of the County's first Climate Change and Sustainability Coordinator position and successfully established a permanent Office of Resilience for Palm Beach County earlier this year.

The Honorable Debbie Wasserman Schultz, United States House of Representatives



Debbie Wasserman Schultz has dedicated her public life to serving South Floridians, from the seagrass to the sawgrass. Now in her 12th year in Congress, Congresswoman Wasserman Schultz continues to be a tireless advocate for the environment. In 2017 alone, she introduced the Marine Oil Spill Prevention Act to ban offshore drilling in the Gulf of Mexico; led a coalition of South Florida mayors in signing the Sierra Club's Mayors for 100% Clean Energy Initiative; and again championed

environmental requests in her position as a House Appropriator. She holds a lifetime 93% score from the League of Conservation Voters.

**Kathleen White, Lead, Climate Preparedness and Resilience
Community of Practice, Institute for Water Resources, US
Army Corps of Engineers**



Dr. Kate White leads the US Army Corps of Engineers (USACE) Climate Preparedness and Resilience Community of Practice. Dr. White holds B.S. and M.S. degrees in Civil Engineering and a PhD in Civil and Environmental Engineering. A registered professional engineer, she has 30 years with the USACE. Dr. White develops policy, technical guidance, methods, and tools for climate preparedness and resilience, with an emphasis on water resources management issues involving extreme events and natural hazards. Dr. White received a 2013

GreenGov Presidential Award: Climate Champion and was selected as the USACE 2014 Elvin R. “Vald” Heiberg III Engineer of the Year.



Feel the Chenergy | 30 Years in the Making

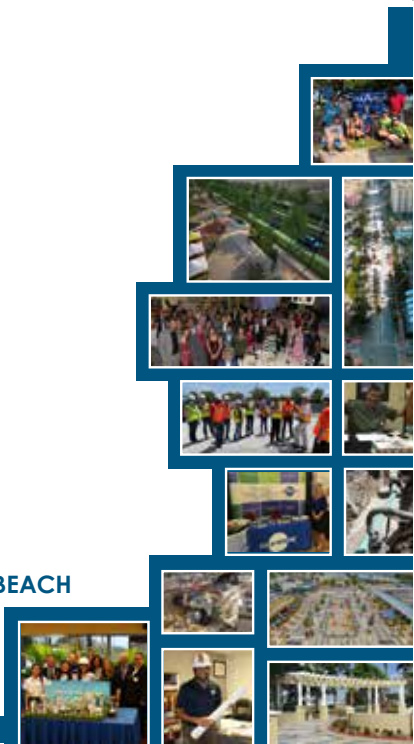
OUR PEOPLE

OUR WORK

OUR IMPACT

**FT. LAUDERDALE • MIAMI • WEST PALM BEACH
GAINESVILLE • ORLANDO**

WWW.CHENMOORE.COM



Our job is making sure that waste
no longer goes to waste.

Find out more at ThinkGreen.com

Waste Management is pleased to sponsor the
Southeast Florida Regional Climate Leadership Summit.



© 2014 Waste Management, Inc.

THINK GREEN.®

We Can't All Have Waterfront Property

ACAI

Changing Design to Meet Our Changing World



2937 W Cypress Creek Road, Suite 200, Fort Lauderdale, FL 33309
954.484.4000

Let's Get This Party Started.



Well, it's not really a party and it started years ago, *but...*

There is work to be done, and a lot of it.

So, put on your party shoes, grab the right partner and get ready to groove into the future.

ERINDEADYLAWS.COM



Proud Certified 4-STAR Community

Sustainable Environment • Strong Economy • Vibrant Community

Recognized for National Excellence in Sustainability

Broward.org/4STAR



Resiliency and Adaptation

Over 1200 Engineers, Scientists, and Innovators

900 Broken Sound Pkwy NW, Suite 200
Boca Raton FL 33487

Dan Schauer | dschauer@geosyntec.com | (561) 239-9467

geosyntec.com

Clean Air | Clean Water | Community | Marine Resource | Coastal Habitats
Water Supply | Natural Systems | Energy Resources | Built Environment



Institute of Water and Environment

FLORIDA INTERNATIONAL UNIVERSITY



<https://inwe.fiu.edu>



@InWE.FIU



@fiu_inwe



@InWE_FIU

We are proud to support the Southeast Florida
Regional Climate Leadership Summit in their efforts
to address local impacts to global climate change.

imagine what you can do.



As Florida's leading residential, commercial and multifamily PACE provider, the award-winning Ygrenetworks program brings millions in local economic investment, clean jobs, energy savings and safety to communities like yours around the country. Join more than 127 cities and counties in Florida and offer your constituents a better choice in hurricane protection and energy efficiency home and business improvement financing.

YgreneWorks.com | 866.634.1358

© 2017 Ygrene Energy Fund. All rights reserved. AD 25110.17



ENGINEERING
ENVIRONMENTAL
ECOLOGICAL

We can help you with:

- Urban Forestry Plans
- Living Shoreline Design
- Resiliency Planning
- Integrated Solutions
- Innovative Stormwater Designs

www.esciencesinc.com

EXPERIENCE MATTERS.



ESTABLISHED 1983

Advanced Roofing, Inc. is a full-service commercial roofing company specializing in re-roofing, emergency repairs, and preventive maintenance services.

UNDER ONE ROOF

- ✓ Re-Roofing
- ✓ Emergency Repairs
- ✓ Preventive Maintenance
- ✓ HVAC
- ✓ Cranes
- ✓ Lightning Protection
- ✓ Solar Energy
- ✓ Sky Lighting

FOR A PROJECT QUOTE CALL (800) 638-6869 OR VISIT ADVANCEDROOFING.COM

GO Lighting as a Service

Making LED Easy

Approved LED provider for Miami-Dade County, The City of Coral Gables and The Archdiocese of Miami.

Contact us
info@telecomusa.com
305-557-4460
www.gopluslightingservice.com
1433 Commerce Way
Miami Lakes, FL 33016



SO MANY REASONS...

To join the Greater Fort Lauderdale Chamber of Commerce!

REASON # 1,465 Network with 1,254 fellow business owners

Need another reason to join?

(954) 462-7498



512 NE 3rd Ave, Fort Lauderdale, FL 33301 • FTLChamber.com • info@FTLChamber.com



CoconutCreek.net

The Mayor and City Commission of the City of Coconut Creek are proud to sponsor the Southeast Florida Regional Climate Change Compact Summit for 2017.

- Tree City U.S.A. for 28 years
- Growth Award 8 years
- Gold Certified Florida Green Local Government by FGBC
- Certified Sustainable Community by Audubon International



We think a little differently.

At CH2M we bring innovative solutions to coastal infrastructure challenges.

Visit www.ch2m.com



ch2m.



FERNLEAF
INTERACTIVE



NEMAC
NATIONAL ENVIRONMENTAL
MODELING & ANALYSIS CENTER

Accelerating Adaptation and Maximizing Resilience

Quantitative resilience planning that maximizes your investments in adaptation and resilience

co-developers of the



U.S. Climate
Resilience Toolkit

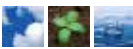


Bringing concrete infrastructure to life

ECONcrete® offers a suite of fully constructive bio-enhancing concrete products and design solutions that increase the ecological value of urban, coastal, and marine infrastructure, while enhancing their structural performance.

www.econcrete.us






ecology and environment, inc.

Working with clients to develop and implement strategies to build resilience and adapt to a new normal.

To learn more about what E & E can do for you,
please contact Georganna Collins:
GCollins@ene.com (713) 344-3000



NOTES

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

A SERVICE OF THE BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS

750 copies of this public document were promulgated and printed on 100% post-consumer recycled material at a cost of \$3,144.00 and \$4.192 per copy to inform the public about Southeast Florida Regional Compact Climate Change Programs and services.

NR201765053 12/17

