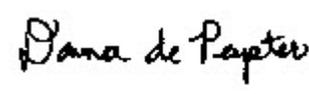
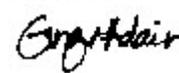


<b>Date:</b> 07/16/2019		<b>AGENDA ITEM</b>				<b>Item:</b> 05	
<input type="checkbox"/> Ordinance		<input type="checkbox"/> Resolution		<input type="checkbox"/> Budget Resolution		<input checked="" type="checkbox"/> Other	
County Goals							
<input checked="" type="checkbox"/>	Thriving Communities	<input checked="" type="checkbox"/>	Economic & Financial Vitality	<input type="checkbox"/>	Excellence In Government	<input type="checkbox"/>	NA
<b>Department:</b> Growth And Resource Management							
<b>Division:</b> Environmental Management							
<b>Subject:</b> Presentation on the East Central Florida Regional Resilience Collaborative.							
Clay Ervin Director Growth and Resource Management  Department Approval				<b>Legal</b>  Jamie E. Seaman Deputy County Attorney    <b>Approved as to Form and Legality</b>		<b>County Manager's Office</b>  Donna de Peyster Deputy County Manager  	
Ginger Adair Director Environmental Services  Division Approval							
<b>Council Action:</b>							
<b>Modification:</b>							
<b>Account Number(s):</b> NA							
<b>Total Item Budget:</b> NA							
<b>Staff Contact(s):</b>				<b>Phone:</b>		<b>Ext.</b>	
Clay Ervin				386 822 5013		12000	
Ginger Adair				386 736 5927		12059	
<b>Summary/Highlights:</b>							
<p>The East Central Florida Regional Resiliency Action Plan identified as its first task under the first goal, objective, and action to “work with experts, agencies, public, stakeholders and elected officials across the region to develop the framework of a regional collaborative to focus on resilience.” The East Central Florida Regional Planning Council unanimously adopted Resolution 03-2018 to support a program to convene stakeholders across disciplines and the region to develop the framework for a regional resilience collaborative for the eight counties and 78 municipalities in the east central region.</p> <p>The East Central Florida Regional Planning Council created a subcommittee and steering committee to develop a structure and framework to create the East Central Florida Regional Resilience Collaborative (ECFR2C). Councilmember Wheeler serves on the council subcommittee. The East Central Florida Regional Planning Council formalized the ECFR2C on May 15, 2019, and identified three pillars of resilience; people (health and equity), places (developed land/infrastructure and natural environment), and prosperity (economic resilience).</p>							

The steering committee drafted a memorandum of understanding to formalize the ECFR2C and identify partner local governments. The memorandum of understanding asks each member to commit to the following:

- Regional Cooperation - Create Productive Connectivity -

Each member shall commit appropriate staff resources and expertise, within budget constraints, to participate with other members in facilitating and advancing the work of the Regional Resilience Collaborative. A steering committee appointed by the ECFRPC will identify and report on opportunities for providing sustainable solutions for the current and future resilience of our built and natural environment, economy, and health and equity. The steering committee will draw on strategies and processes that address resilience, organize and direct integrated scientific and other technical research and analysis, and organize and structure its work and procedures toward these ends.

- Regional Resiliency Action Plan -

Each member shall work collaboratively to develop a Regional Resilience Action Plan that will identify specific initiatives with supportive and actionable data.

- Legislative Strategy -

Each member shall work to align individual decisions and policies in service of a shared legislative regional resilience strategy developed by the Regional Resilience Collaborative.

- Community Involvement -

Each member shall work collaboratively to recognize and engage the regional community, involving a diverse stakeholder representation in developing policies and recommendations for implementation of the Regional Resilience Action Plan.

- Annual Summit -

Each member shall participate in an annual regional summit to share knowledge, resources, and progress on the collaboration. In addition, the East Central Florida Regional Resilience Collaborative will coordinate with other coalitions in the State of Florida to identify opportunities and fulfill the specific initiatives of the Regional Resilience Action Plan and collaborative.

ECFR2C workshops were held on June 18, 2019, in Clermont and June 19, 2019, in New Smyrna Beach to engage local jurisdictions in the development of the collaborative initiatives. The cities of Satellite Beach, Rockledge and Titusville have approved the memorandum of understanding. The City of Orlando and Orange County will consider approval in July and Osceola County will consider approval in August.

Attached is the Memorandum of Understanding authorizing participation in the ECFR2C.

**Recommended Motion:** Approve.

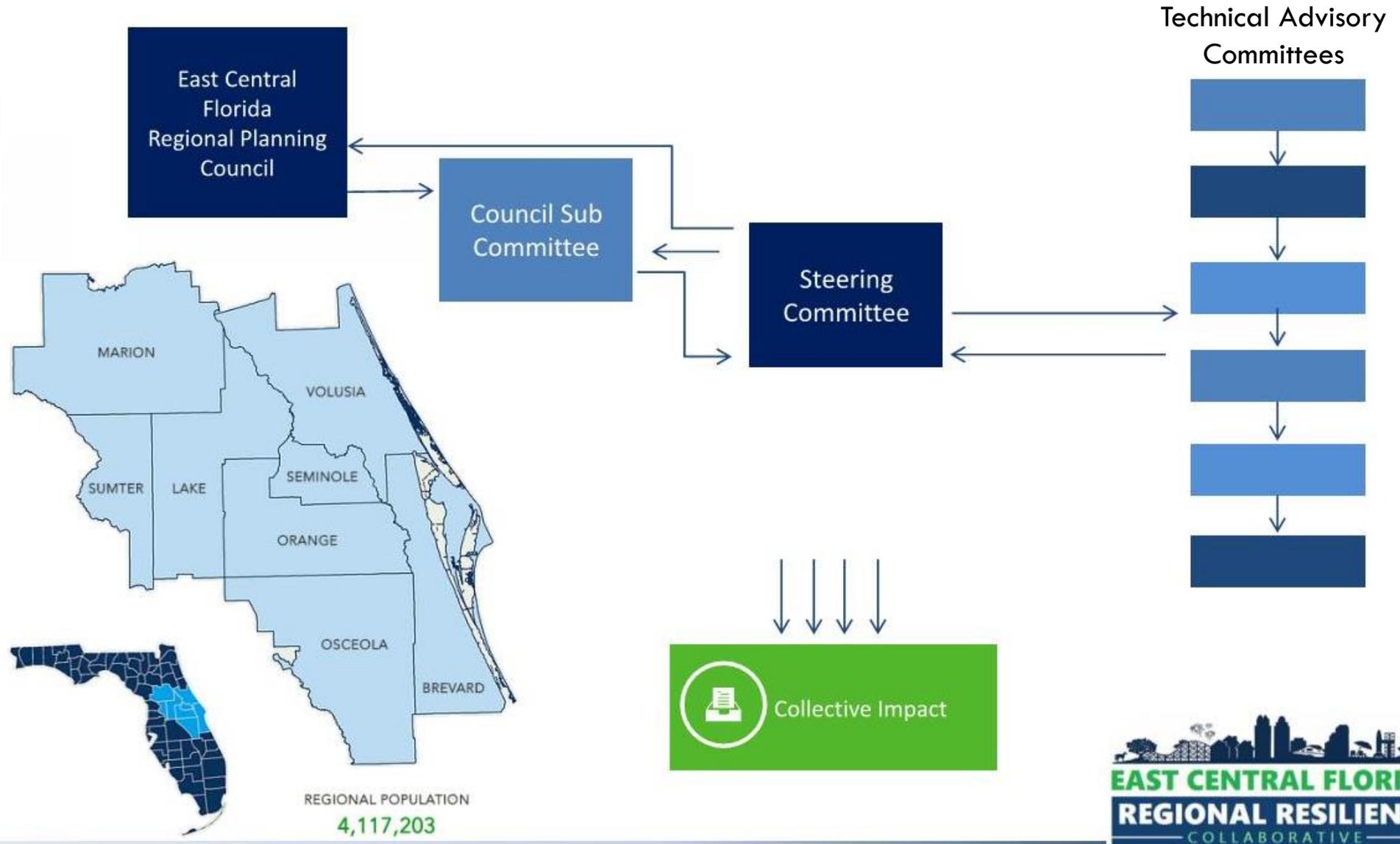
# EAST CENTRAL FLORIDA REGIONAL RESILIENCY COLLABORATIVE



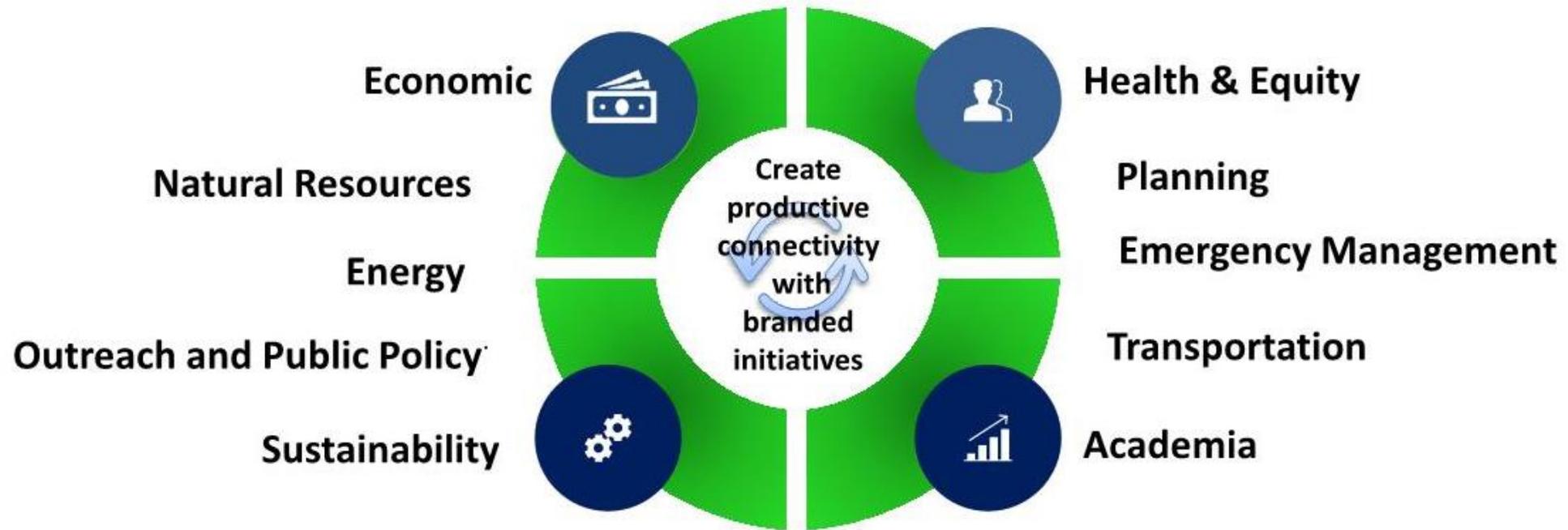
County Council Discussion July 16, 2019

A priority in the East Central Florida Regional Resiliency Action Plan to “work with experts, agencies, public, stakeholders and elected officials across the region to develop the framework of a regional collaborative to focus on resilience.”

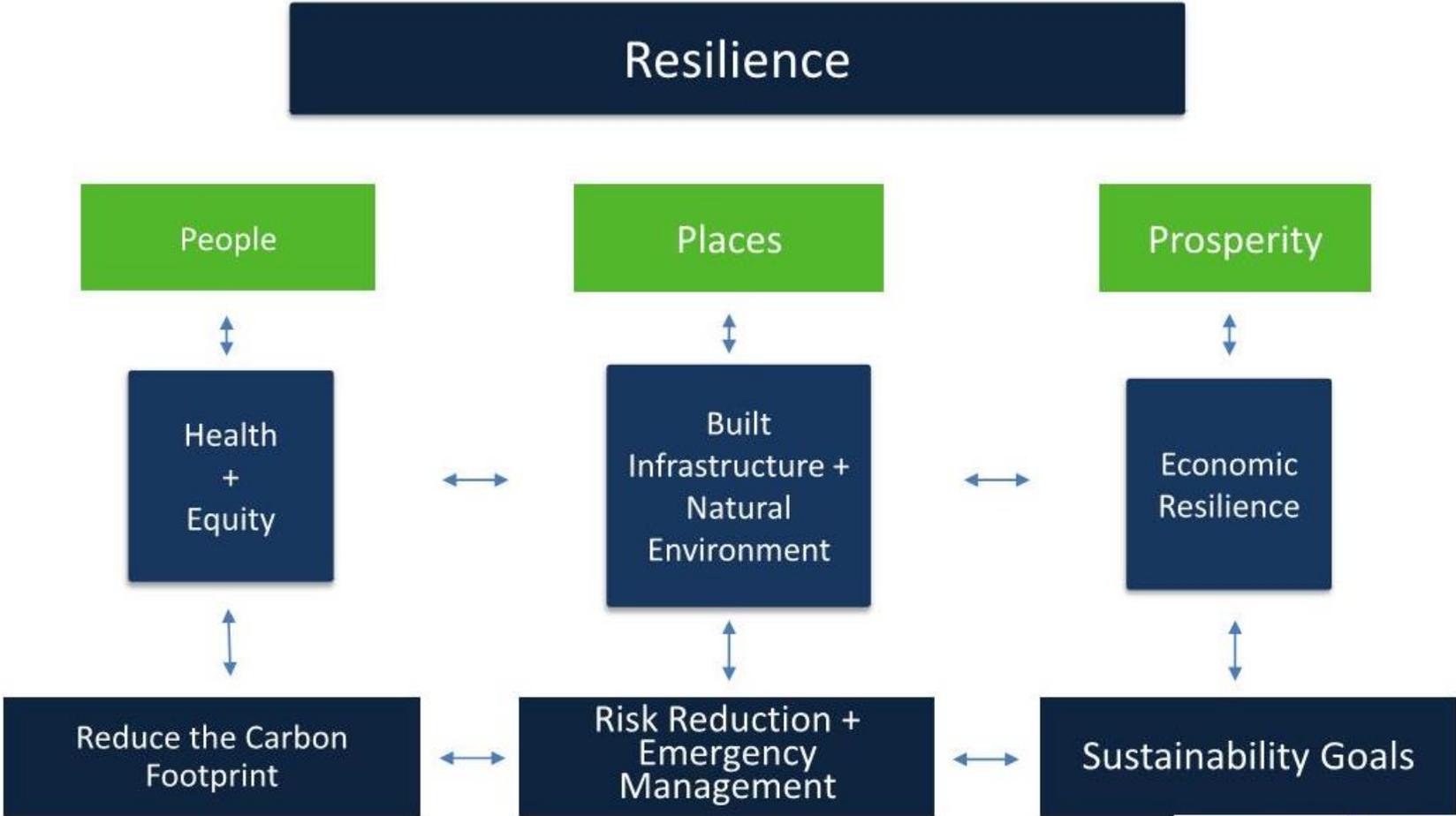




# Who is represented?



# Three pillars of resilience





# What does it mean to be a member of the collaborative?

- Commit appropriate staff resources and expertise, within budget constraints, to participate in facilitating and advancing the work of the collaborative
- Work together to develop a Regional Resilience Action Plan that will identify specific initiatives with supportive and actionable data
- Recognize and engage the regional community, involving a diverse stakeholder representation in developing policies and recommendations for implementation
- Participate in an Annual Regional Summit

# Who has signed on?

8



- East Central Florida Regional Planning Council
- City of Satellite Beach
- City of Rockledge
- City of Titusville
- Volusia County, pending July
- Orange County, pending July
- City of Orlando, pending July
- City of Kissimmee, pending July
- Osceola County, pending August

# Questions and Direction



# **East Central Florida Regional Resiliency Collaborative**

## **Council Sub-Committee**

Mr. John Lesman, Chair  
Commissioner Emily Bonilla  
Commissioner Peggy Choudhry  
Commissioner Lee Constantine  
Commissioner Sean Parks  
Ms. Jean Parlow  
Council Member Rocky Randels  
Council Member Billie Wheeler

## **Steering Committee**

Alan Harris, Seminole County E.M.  
Alan Marshall, Orange County  
Chris Castro, City of Orlando  
Courtney Barker, City of Satellite Beach  
Heather Shubirg, Orlando Economic Partnership  
Holly Abeels, Florida Sea Grant, UF IFAS  
James Bacchus, University of Central Florida  
Jeff Benavides, Rigby Innovations  
Jenifer Rupert, ECFRPC  
Jerry Murphy, University of Florida  
Julie Finch, City of Satellite Beach  
Kari Williams, Consultant  
Katrina Locke, Volusia County  
Michael McDonald, Consultant  
Michelle Janiszewski, Lake County  
Rachel Allen, Peace and Justice Institute  
Resham Shirsat, Consultant  
Rod Braun, The Nature Conservancy  
Sarah Kraum, Space Coast TPO  
Stephan Harris, River to Sea TPO  
Susan Caswell, Osceola County  
Susan Glickman, Southern Alliance for Clean Energy  
Tara McCue, ECFRPC  
Thomas Ruppert, Florida Sea Grant  
Whitney Grey, Florida DEP

# **The East Central Florida Regional Resilience Collaborative**

## **Memorandum of Understanding**

**This memorandum of understanding (MOU) is entered into on this \_\_\_\_\_ day of \_\_\_\_\_, 2019 among the undersigned members of the East Central Florida Region. All Parties are collectively referred to as the members or collaborative members. Recalling the East Central Florida Regional Planning Council's (ECFRPC) resolution 03-2018 of 19 September 2018, in which the unanimous decision was made by the ECFRPC Board to support a program to convene stakeholders across disciplines and the East Central Florida region to develop the framework for a regional resilience collaborative, herein including the undersigned Members that make up the eight counties and municipalities of Brevard, Lake, Marion, Orange, Osceola, Seminole, Sumter, and Volusia; Express profound gratitude to the East Central Florida Regional Planning Council, Council Sub-Committee and Steering Committee, who have articulated the importance of establishing a collaborative framework for action and are committed to implementing resilience measures as a guiding principle to enhance the efforts of our local jurisdictions, individually and collectively, for the future; and Endorse the East Central Florida Regional Resilience Collaborative and the aforementioned resolution, which is contained in Annex I to the present resolution.**

**WHEREAS**, the East Central Florida Region is home to more than 4.1 million residents as of 2018, approximately 20% of the population of the State of Florida, includes two of the four majority-minority counties in the State, hosts over 60 million visitors annually, and comprises one of the fastest growing metropolitan areas in the United States; and

**WHEREAS**, while the East Central Florida Region remains a service-driven economy where 45% of households qualify as asset- limited, income- constrained, employed according to the United Way's 2018 ALICE report, it is also considered a globally competitive marketplace ranking 38<sup>th</sup> in the nation according to the Stats America Innovation Index, and is a top ten metropolitan region for various patenting technologies thus indicating a high level of innovation, driving wealth creation in the region; and

**WHEREAS**, according to the East Central Florida Comprehensive Economic Development Strategy, the region has seven innovation clusters including tourism; aviation and aerospace; boats and other marine vessels; photonics; turbines; modeling, simulation and training; and telecommunications; which positions the region for a diversified and transformative future workforce and economy; and

**WHEREAS**, water and natural resources are the foundation of communities and eco-tourism in the East Central Florida region and the protection of this biodiversity, its ecosystem services and the economic interdependencies are a critical issue facing the region; and

**WHEREAS**, recent weather, natural and manmade events have resulted in increasing shocks and stressors to our economy, human security, health and equity, natural environment and built infrastructure; and

**WHEREAS**, vulnerable and underserved people in our region are disproportionately impacted from the aforementioned events and from on-going stressors to their human security; and

**WHEREAS**, additional and enhanced regional approaches are needed to build on current efforts and increase adaptive capacities to improve resilience in confronting shocks and stressors; and

**WHEREAS**, this adaptation toward resilience must provide for the region's people, places, and prosperity in ways that promote mutual progress addressing risk exposure and vulnerability in conjunction with sustainability goals; and

**WHEREAS**, to support further all efforts that continue to mitigate the increasing impacts of hazards and their complexity in the region, we must elevate ways to work cooperatively across disciplines to identify issues, using existing mitigation strategy research with additional technical expertise to identify ways to improve resiliency, while supporting the local mitigation strategy and post disaster recovery planning to include input to measure continual improvement in the process; and

**WHEREAS**, the East Central Florida 2060 Strategic Regional Policy Plan identifies effects from climate change to our water availability, agriculture and food security, public health, infrastructure, natural resources, ecosystems services, and economy, and all are therefore appropriate subjects for this regional resilience effort; and

**WHEREAS**, the resilience of East Central Florida Region's people, places and prosperity rely on interconnected and multi-modal transportation infrastructure, including the spaceport, space center, seaport, trails, rail and other transit systems, roadways and airports; and

**WHEREAS**, promoting safe, affordable transportation, attainable housing choices, opportunities for safe physical activity, green and open spaces, local food systems, and clean energy use improves health outcomes and contributes to a region that is equitable and prosperous; and

**WHEREAS**, promoting high-performing, energy-efficient and resilience targets and policies for our built infrastructure reduces the region's risks and vulnerabilities; and

**WHEREAS**, promoting sustainable development that includes compact urban centers, preservation of agricultural landscapes, interconnected, multi-modal corridors, conservation areas, decreases the carbon footprint, increases our Members' fiscal sustainability and minimalizes conflicts in 'wildland and urban interface' areas, further supporting emergency management efforts; and

**WHEREAS**, the East Central Florida Region provides shelter during the evacuation of surrounding areas in times of disaster, and must plan effectively to accommodate future migration from high hazard areas; and

**WHEREAS**, good health is essential and instrumental to human survival, livelihood and dignity, and addressing health disparities and externalities will foster advances in our health systems, increase access to services, and build a more resilient region; and

**WHEREAS**, collaborating with public and private partners across jurisdictional boundaries will improve human and energy security and increase access to clean and affordable resources and sources of electricity and water; and

**WHEREAS**, several of our jurisdictions and agencies have taken steps to become more sustainable and resilient while continuing to advance economically and socially, all parties recognize that a coordinated and collaborative approach building on current efforts will best serve the region; and

**WHEREAS**, the development and success of a regional resilience collaborative depends on participation and commitment from cooperative networks and partnerships with local governments, federal, state and regional agencies, educational institutions, non-government organizations, philanthropic organizations, businesses, civil society, and other stakeholders to raise the level of our resilience; and

**WHEREAS**, this collaborative approach will position the region, jurisdictions and agencies to plan better for resilience, meet state and federal regulations and guidelines, and enable greater access to long-term financing sources;

**NOW, THEREFORE**, we call all stakeholders to action, aware that the realization of the new resiliency framework depends especially on our unceasing and tireless collective efforts to make the region and state more resilient in the decades to come for the benefit of our own and future generations, **BE IT RESOLVED**, BY THE East Central Florida Regional Planning Council and the MEMBERS AS SIGNED BELOW, EACH MEMBER WILL COMMIT TO THE FOLLOWING:

- **Regional Cooperation – Create Productive Connectivity -**  
Each member shall commit appropriate staff resources and expertise, within budget constraints, to participate with other members in facilitating and advancing the work of the Regional Resilience Collaborative. A steering committee appointed by the ECFRPC will identify and report on opportunities for providing sustainable solutions for the current and future resilience of our built and natural environment, economy, and health and equity. The steering committee will draw on strategies and processes that address resilience, organize and direct integrated scientific and other technical research and analysis, and organize and structure its work and procedures toward these ends.

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Each member shall participate in an annual regional summit to share knowledge, resources, and progress on the collaboration. In addition, the East Central Florida Regional Resilience Collaborative will coordinate with other coalitions in the State of Florida to identify opportunities and fulfill the specific initiatives of the Regional Resilience Action Plan and collaborative.

**IN WITNESS WHEREOF**, the parties to this Memorandum of Understanding for East Central Florida Regional Resilience Collaborative between the County of Volusia and the \_\_\_\_\_ have caused the same to be signed by their duly authorized representatives on the dates indicated below.

**COUNTY COUNCIL  
VOLUSIA COUNTY, FLORIDA**

ATTEST: \_\_\_\_\_  
George Recktenwald  
County Manager

BY: \_\_\_\_\_  
Ed Kelley  
County Chair

# **ANNEX I**



# East Central Florida Regional Planning Council

455 N. Garland Avenue, Orlando, FL 32801  
Phone 407.245.0300 • Fax 407.245.0285 • www.ecfrpc.org

Hugh W. Harling, Jr. P.E.  
Executive Director

## Resolution #03-2018

### ADOPTED AT A MEETING OF THE EAST CENTRAL FLORIDA REGIONAL PLANNING COUNCIL

#### *Support of Regional Resilience Collaborative*

**WHEREAS**, I certify that I am Chair of the East Central Florida Regional Planning Council (ECFRPC) duly organized under the laws of the State of Florida.

**WHEREAS**, the following is a true and correct copy of a resolution duly adopted at a meeting of the ECFRPC on the 19<sup>th</sup> day of September 2018, at which a majority of voting members was present, constituting a quorum and notice of said meeting was given in accordance with the Bylaws; and

**WHEREAS**, the Council recognizes the clear relationship between emergency management, planning and economic development and aims to continue to fill gaps within the region and pursue initiatives that will achieve measurable improvements and stress the importance of disaster risk reduction in building resilience;

**WHEREAS**, fostering resilience needs to be understood as a long-term effort and requires a holistic (whole systems approach) way of planning and preparation for the region;

**WHEREAS**, we recognize that the East Central Florida Regional Planning Council meetings provide a unique opportunity to come together to showcase our region's innovative work addressing stressors and shocks which illustrate how the Council structure and staff can support these efforts;

#### **Executive Committee**

**Chair**  
Leigh Matusick  
**Vice Mayor**  
Volusia County League  
of Cities

**Vice Chair**  
Jim Barfield  
County Commissioner  
Brevard County

**Secretary**  
Garry Breeden  
County Commissioner  
Sumter County

**Treasurer**  
John Lesman  
Gubernatorial Appointee  
Seminole County

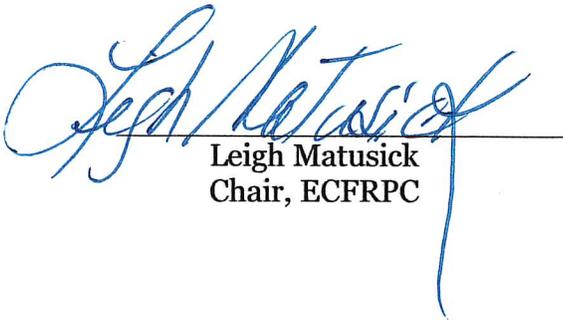
**Member at Large**  
Lee Constantine  
County Commissioner  
Seminole County

**NOW, THEREFORE BE IT RESOLVED**, that the East Central Florida Regional Planning Council reaffirms our commitment to regionalism and is supportive of a program to convene stakeholders across the region to develop the process and framework for a regional resilience collaborative (public, private, academia) to achieve a comprehensive and articulated approach that will position the Council as the mechanism for resilience. The Council further resolves to continue to actively engage in this process and encourage and participate in other resilience initiatives and enhance our contribution to sustainability efforts welcoming the opportunity to build capabilities and capacities at all levels.

*Adopted by the East Central Florida Regional Planning Council at a regular meeting, assembled in Orlando, Florida, on the nineteenth day of September 2018.*

Attest:

EAST CENTRAL FLORIDA  
REGIONAL PLANNING COUNCIL



Leigh Matusick  
Chair, ECFRPC



Hugh W. Harling, Jr.  
Executive Director

---

**Executive Committee**

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Leigh Matusick  
Vice Mayor  
Volusia County League  
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