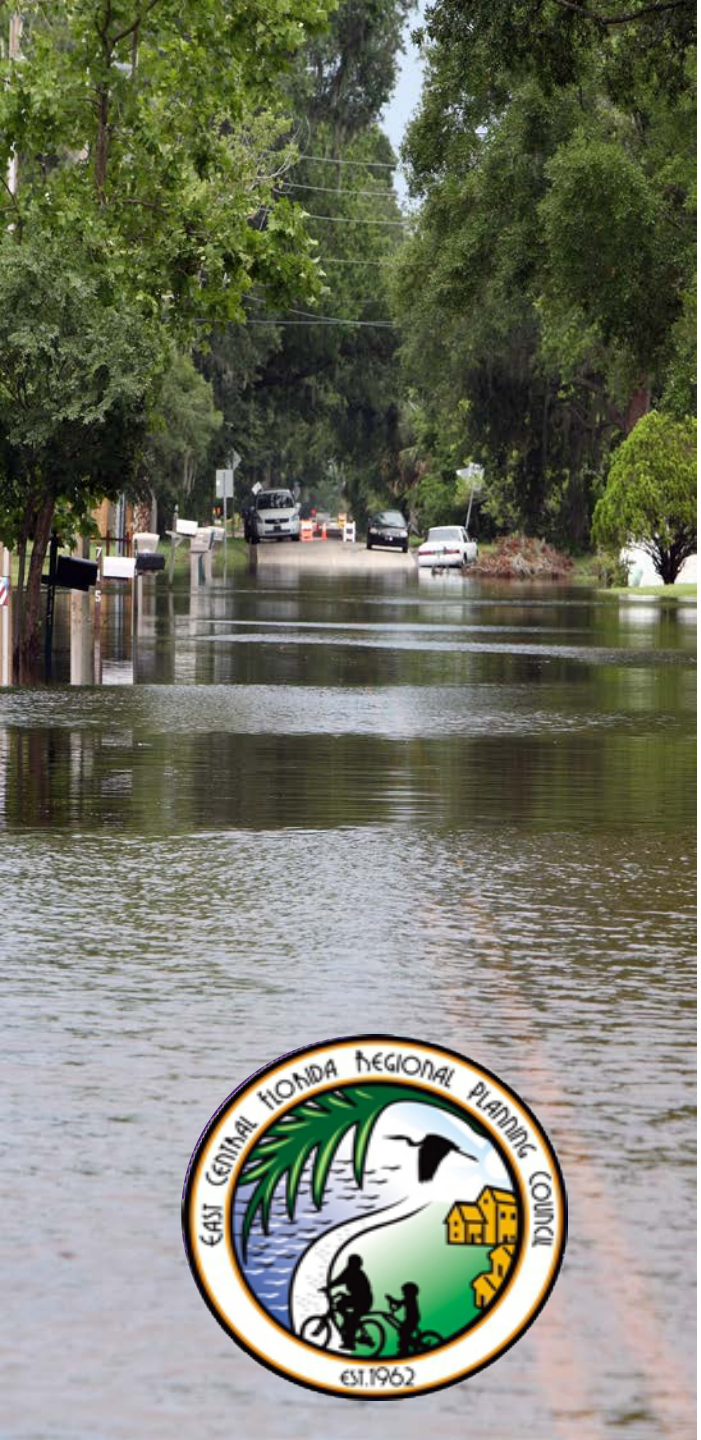


REGIONAL AND LOCAL RESILIENCE

east central florida
REGIONAL RESILIENCY ACTION PLAN

NEW SMYRNA BEACH

River to Sea

Transportation Planning Organization

Sea Level Rise Vulnerability Assessment

July 2016



Prepared by:

RIVER TO SEA TPO
Transportation Planning Organization
VISION - PLAN - IMPLEMENT

2017

Resilient Volusia County



Prepared by the East Central Florida Regional Planning Council (ECFRPC) for Volusia County and our partners the River to Sea Transportation Planning Organization (R2CTPO), Florida Department of Transportation, UF Geoplan and the Florida Department of Environmental Protection

Volusia County
FLORIDA

Peril of Flood

Florida's Coastal Resiliency Portal

Home | About | Projects | Resources | Economic Development | Contacts

Welcome to the Florida Coastal Resiliency Portal!

This website is a continually-updated by staff members of Florida's Regional Planning Councils and features a compilation of projects, resources, and important dates relating to coastal resiliency in the state of Florida!

Florida has approximately 1,350 miles of ocean coastline and 33 of it's counties are located along the Gulf of Mexico and the Atlantic Ocean. These counties represent 9 of the 10 Regional Planning Councils in the state of Florida. They are depicted in the map below.



Latest News & Featured Projects

Click on the image below for more information:



UF GeoPlan Center updates the Sea Level Scenario Sketch Planning Tool!



Click here to read the 2018 update to the FDEP Adaptation Planning Guidebook!



South Florida RPC creates CHS-focused Story Map for Monroe County



Throwback: 2014 Smart Growth America Cool Planning Workshop

© East Central Florida Regional Planning Council & Tampa Bay Regional Planning Council (2017)

Regional Resiliency Action Plan



Prepared for Brevard and Volusia Counties by:
East Central Florida Regional Planning Council

Florida Coastal Management Program

Florida Department of Environmental Protection

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REGIONAL RESILIENCY ACTION PLAN

December 2018

NOAA

East Central Florida Regional Planning Council

East Central Florida Regional Resiliency Action Plan Steering Committee

Agency	Agency
Brevard County GIS	Indian River Lagoon Council
Brevard County Planning	Kennedy Space Center/NASA
Brevard County Public Works	League of Women Voters Sustainability Committee
Brevard Emergency Management	NOAA
Brevard Natural Resources	RW Parkinson Inc.
Canaveral Port Authority	Patrick Air Force Base
City of Cape Canaveral	River to Sea TPO
City of New Smyrna Beach	Sea Grant
City of Port Orange	SJRWMD
City of Satellite Beach	Space Coast TPO
Deady Law	Stetson University
East Central Florida Regional Planning Council	UF Geoplan
FEMA	UF IFAS Volusia and Brevard
Florida Department of Economic Opportunity	USACE
Florida Department of Environmental Protection	Volusia County Emergency Management
Florida Department of Health Brevard	Volusia County Growth Management
Florida Department of Health Volusia	Volusia County Stormwater
Florida Department of Transportation	Volusia County Traffic Engineering
Florida Fish and Wildlife Commission	Volusia County Water Resources and Utilities
Florida Institute of Technology	USDA

Definition



RESILIENCY:

The capacity of individuals, communities, institutions, businesses, and systems within a region to plan, sustain, adapt, recover, improve and grow collaboratively–regardless what kind of **chronic stresses** and **acute shocks** they experience – through specific actions and implementation strategies geared to address specific vulnerabilities.






Leadership & Strategy
Health & Wellbeing
Infrastructure & Environment
Economy & Society



Stakeholder Engagement

Stakeholder Engagement



Plan and Policy Resiliency Integration Survey Summary 2018

Regional Resiliency Action Plan

East Central Florida Regional Planning Council

east central florida REGIONAL RESILIENCY ACTION PLAN

Conducted survey to provide insight into the progress of integrating resiliency into various local and regional plans and policies.

Who responded to the survey?

29 respondents

Local Governments	Agencies
City of Satellite Beach	FDOT
Volusia County	Space Coast TPO
Volusia County Emergency Management	River to Sea TPO
Volusia County Growth and Resource Management	Canaveral Port Authority
City of Rockledge	SJRWMD
City of Titusville	Indian River Lagoon Council
City of Ormond Beach	FDOT – District 5
City of Cape Canaveral	Department of Economic Opportunity
Brevard County Natural Resources Management Department	University of Florida IFAS Extension Brevard County
Town of Melbourne Beach	East Central Florida Regional Planning Council
City of Cocoa	NASA Kennedy Space Center
New Smyrna Beach	
City of Indian Harbour Beach	
City of Orange City	
County of Volusia	

Stakeholder Engagement





The Listening Sessions took place on May 7th in Volusia County and on May 8th in Brevard County.

Collaborating for Resilience
&
Building Economic and Social Resilience Listening Session







east central florida
REGIONAL RESILIENCY ACTION PLAN

You're Invited to
A Regional Resiliency Action Plan Workshop

Collaborate with elected officials, agencies and public stakeholder groups to discuss community and regional resilience.

With support from the Department of Environmental Protection, the East Central Florida Regional Planning Council is working with stakeholders to develop a Regional Resiliency Action Plan for Brevard and Volusia Counties to *"Increase the ability of local and regional stakeholders to implement resiliency and climate adaptation strategies across disciplines."*

Date: Monday, August 20, 2018

Location: FDOH – Bill Posey Conference Center | 2555 Judge Fran Jamieson Way, Viera

Time: 9:30 am– 11:30 am

Register Here: https://www.surveymonkey.com/r/BCRRAP





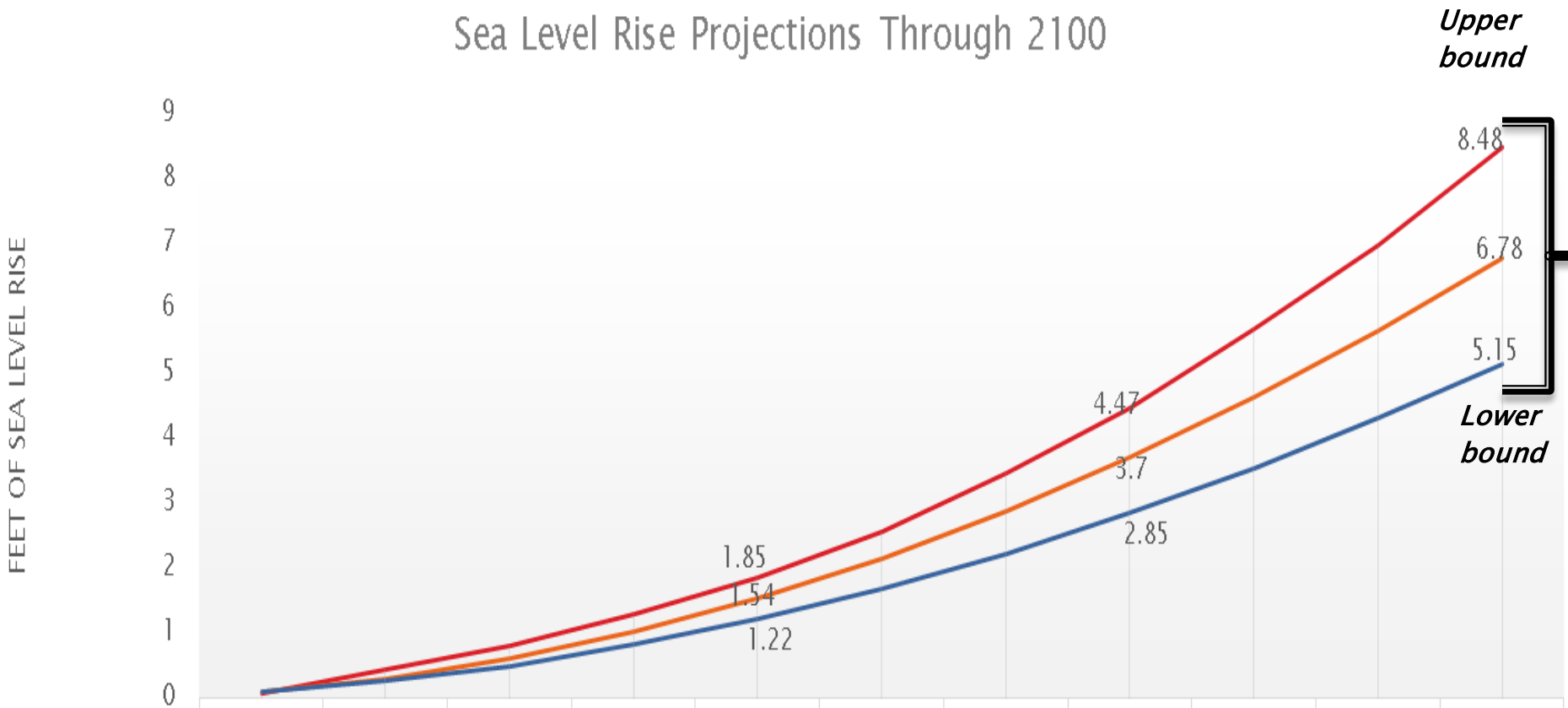
REGIONAL APPROACH TO SEA LEVEL RISE

No one projection rate curve should be used for planning purposes across all projects and programs.

Range of rise should be considered based upon the ***vulnerability, allowable risk, project service life and the forecast project "in-service"*** *date of a facility or development.*

The range should include a ***minimum rise of 5.15 feet by 2100 with an upper range of 8.48 feet by 2100.***

ECF REGIONAL RESILIENCY ACTION PLAN RECOMMENDED BOUNDS FOR PLANNING FOR SEA LEVEL RISE



	2000	2010	2020	2030	2040	2050	2060	2070	2080	2090	2100
NOAA 2017	0.08	0.44	0.8	1.29	1.85	2.57	3.46	4.47	5.69	6.97	8.48
NOAA 2012	0.09	0.3	0.61	1.03	1.54	2.16	2.88	3.7	4.63	5.65	6.78
USACE 2013	0.09	0.26	0.5	0.83	1.22	1.69	2.23	2.85	3.54	4.31	5.15



Home | About | Projects | Resources | Economic Development | Contacts

The East Central Florida
Regional Resiliency Action Plan

This project, under development by the East Central Florida Regional Planning Council, aims to improve resiliency efforts and teamwork among local and regional governments that are located along Florida's central Atlantic coastline.

Make sure to routinely check this page for the latest announcements concerning upcoming meetings, documents, plans, to-do-lists and other resources made available by the project team at the East Central Florida Regional Planning Council.

east central florida REGIONAL RESILIENCY ACTION PLAN

Information From Past Meetings

Steering Committee Meeting
September 21st, 2018
Discussing the final action plan matrix, schedule, other items
Click for Presentation

Sea Level Rise Sub-Committee Meeting
August 31st, 2018
Discussing subjects related to sea level rise.
Meeting Overview Coming Soon!

Steering Committee Meeting
August 17th, 2018
Discussing August workshop; land use discussion.
Click for Presentation

Stakeholder Engagement Sub-Committee Meeting
July 26th, 2018
Discussing stakeholder engagement and the upcoming workshop
Meeting Overview
Click for Presentation

Steering Committee Meeting
July 20th, 2018
Discussing TBRPC efforts and focus area objectives.
Meeting Overview
Click for Presentation

Public Engagement Committee Meeting
June 8th, 2018
Discussing May workshop summaries; public engagement
Click for Meeting Overview
Click for Presentation

Steering Committee Meeting
May 18th, 2018

Upcoming Meetings

Steering Committee Working Meeting
October 4th, 2018 --- 9:00 AM - 12:00 PM

Titusville City Hall, 2nd Floor
555 S. Washington Avenue, Titusville FL

Community Workshops

Brevard County Workshop
August 20th, 2018 --- 9:30 am - 11:30 am
Click here to view the Flyer
MentiMeter Survey Results
More Meeting Documents Coming Soon!

Volusia County Workshop
August 21st, 2018 --- 9:30 am - 11:30 am
Click here to view the Flyer
MentiMeter Survey Results
More Meeting Documents Coming Soon!

Click Here to view the Workshop Presentation

Project Documents

Policy Integration Survey Findings
This document summarizes the findings from the Policy Integration Survey. 29 respondents from local and state government entities

COMMUNITY BASED RESILIENCY IN NEW SMYRNA BEACH FDEP PROJECT



PROJECT GOALS

Vulnerability Analysis for sea level rise, nuisance flooding, 100 year coastal flood + SLR, and surge

Plan Assessment for capacity to plan and implement resilience strategies and recommendations for the City

Engage Residents and Businesses to enhance education and obtain input on priorities, polices and strategies for resilience.


Let's Get Started
WELCOME
Horizon 2040
Horizon 2040, the Greenville-Pickens area's new Long Range Transportation Plan, seeks to understand the region's existing and future transportation needs and identify viable solutions. The plan considers all travel modes, including automobiles, bicycle, pedestrian, transit, and freight.
Expand
Begin
GPATS (the Greenville-Pickens Area Transportation Study) provides regional transportation planning for a 777-square-mile area that's home to more than 500,000 residents. GPATS is leading the development of this plan.
PRIORITIES
SURVEY
MAP IT
STAY INVOLVED


Kinston Bypass
WELCOME
Your Input is Important to Us!
NCDOT has resumed the engineering and environmental studies for the Kinston Bypass Project. To complete these efforts, the Project Team asks for your input and feedback.
Español
Begin
In 2007, the Kinston Bypass was listed in the City of Kinston Comprehensive Transportation Plan which was updated in early 2011.
PRIORITY OF NEEDS
RESOURCE RATING
MAPPING CONCERNS
WRAP UP


Pick your Nashville
WELCOME
How should we grow?
Begin
NashvilleNext is a plan for Nashville's future to ensure our prosperity and well-being for the next 25 years. It's shaped by the needs, ideas, and input of people who care about Nashville.
nashvillenext
VALUES
FUTURES
TRANSIT/NEIGHBORHOOD
STAY INVOLVED


Welcome The Atlanta Region's Plan
WELCOME
Community input has helped us develop key policies to guide the Atlanta Region's Plan. Today, we want to know what you think about some of the long-range transportation plans being considered for the region's future.
Please take a look and share your thoughts.
THE ATLANTA REGION'S PLAN
Click here to begin
Español
By 2040, the region is expecting to add nearly 3 million people, for a total of just over 8 million residents.
REGIONAL VISION
REGIONAL PLANS
STAY INVOLVED


Welcome
WELCOME
Blue Hill District Design Guidelines
The purpose of this project is to establish a common understanding of design principles that promote a walkable and 'green' character in the Blue Hill District. Read the tabs below for background.
Begin
The next two slides will lead you through key elements of the Design Guidelines, with the chance to react along the way. If you prefer a shorter survey and have already reviewed the Design Guidelines, skip to Statement Rating (Slide 4).
TOWN OF CHAPEL HILL
VISION & PRINCIPLES
DESIGN TOPICS
STATEMENT RATING
WRAP UP


Thank You For Participating!
WELCOME
Columbia Corridors
The South Carolina Department of Transportation (SCDOT), in partnership with the Federal Highway Administration (FHWA), is identifying ways to address congestion on 83 miles of interstate and freeway facilities in the Columbia area. Help us identify ways to improve mobility in the Midlands!
Begin
The Columbia Corridor Management Plan - or Columbia Corridors - includes I-20 (Exit 51 to Exit 80), I-26 (Exit 97 to Exit 119), I-77 (I-26 to Exit 22), I-126, and SC 277 (I-77 to US 76).
SURVEY
PRIORITIES
MAP IT
THANK YOU!



Home | About | Projects | Resources | Economic Development | Contacts

New Smyrna Beach Resiliency Survey

About this Survey

The link on this page (coming soon) will direct you to a survey allowing you to provide important feedback concerning your community's long and short term resiliency efforts. Please email Fred Milch at fmilch@ecfrpc.org for more information.

SURVEY COMING SOON!

THANK YOU

Tara McCue, AICP
ECFRPC
Director of Planning and Community Development
Tara@ecfrpc.org

www.perilofflood.net
www.ecfrpc.org

east central florida
REGIONAL RESILIENCY ACTION PLAN

EAST CENTRAL FLORIDA REGIONAL PLANNING COUNCIL
EST. 1962