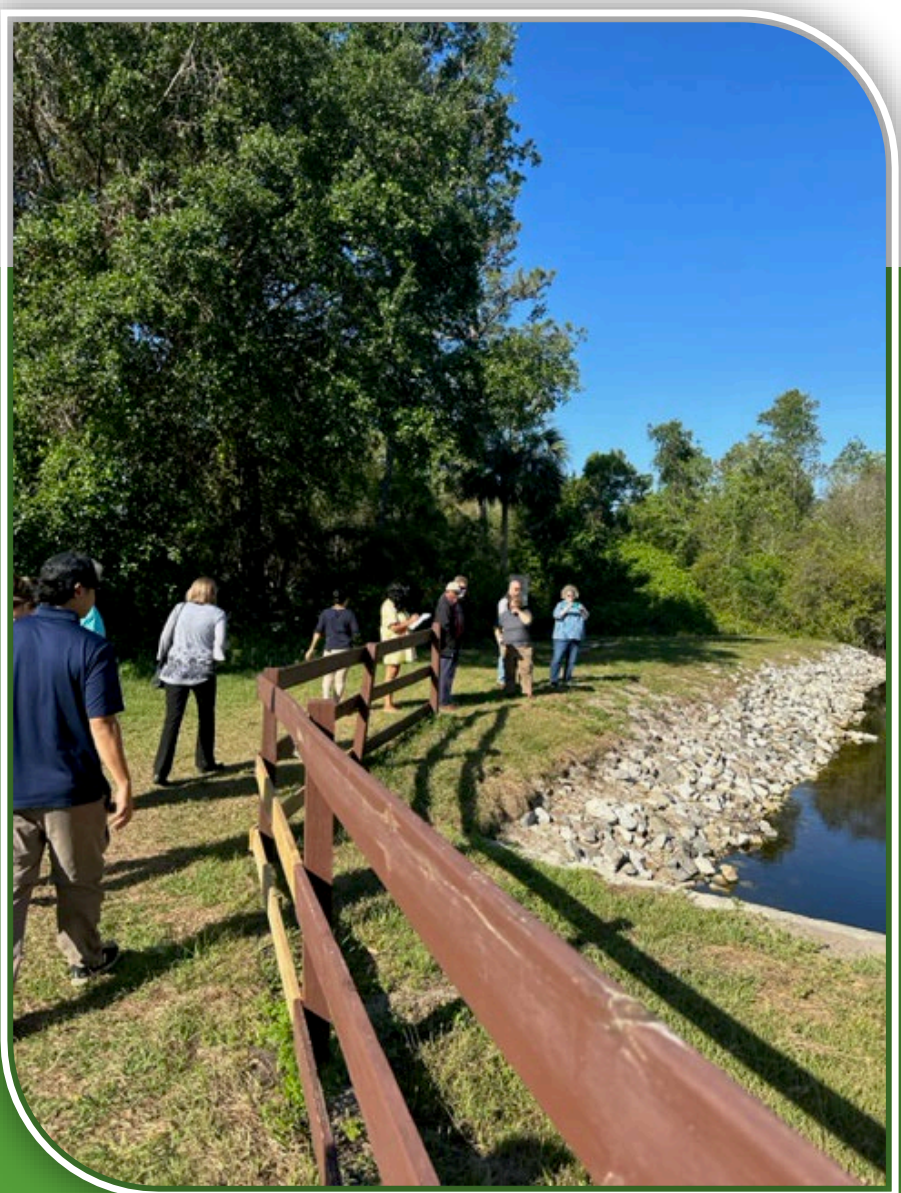
FEMA Interagency Recovery Coordination (IRC)

FEDERAL PARTNERSHIPS:

Department of Interior
(DOI)
Environmental Protection Agency
(EPA)
East Central Florida Regional Planning Council
(ECFRPC)
National Parks Service
(NPS)
U.S. Army Corp of Engineers
(USACE)

WHAT IS THE IRC?

- A group of federal agencies that work alongside the State to ensure a coordinated disaster recovery to support a whole-community approach to revitalization.
- IRC identifies resources – like funding and technical assistance – and helps the state identify GAPS in long-term recovery.
- The IRC will help the City of Deltona develop and implement their **own** recovery plans.



AGENDA

- **Interagency Recovery Coordination for the City of Deltona**:
  - *EPA's Recovery & Resiliency Partnership Projects (R2P2)*
  - *National Parks Service – Rivers, Trails and Conservation Assistance (NPS-RTCA)*
  - *EPA's College/Underserved Community Partnership Program (CUPP)*
  - *Economic Development Administration (EDA) Feasibility & Impact Studies*
  - *NEXT STEPS…*

IRC Overview

Collaboration | Communication | Coordination

Mission

To effectively, efficiently, and equitably support states, territories, tribal nations, and local governments to define and achieve their recovery outcomes.

Recovery is successful when it is federally supported, state managed, and locally executed.

IRC Overview

Collaboration | Communication | Coordination

IRC Primary Lines of Effort:

1. **Engage** affected state, territory, tribal nation, and local stakeholders to help them communicate their needs, objectives, and priorities for recovery.

2. **Coordinate** post-disaster recovery resources to support restoration, rebuilding, and revitalization across all sectors of impacted states, territories, tribal nations, and localities.

3. **Identify** resources that support unmet recovery needs and objectives; assist communities in navigating and sequencing interagency programs; and provide technical assistance to ensure equitable access to recovery resources.

4. **Provide** planning and data analysis assistance to states, territories, tribal nations, and local communities to support risk-informed strategic decision-making.

Recovery is successful when it is federally supported, state managed, and locally executed.

Phases of IRC Mission Delivery

Collaboration | Communication | Coordination

Initial Assessment

Assess the severity of the impacts from the disaster and the anticipated level of federal support required for long-term recovery

Recovery Needs Assessment

Assess the cross-cutting recovery issues, continued gaps in unmet needs, and areas Recovery Support Functions (RSF) and member agencies can support

Strategy Development

Solutions to help SLTT leaders achieve their desired recovery outcomes while strategically identifying and leveraging resources to maximize the recovery effort

DR-4673-FL – IRC Assessment

Collaboration | Communication | Coordination

Site Visits

** IRC will work through the state for outreach.*

Internal Engagements

- Recovery Support Functions
- Office of Civil Rights
- Individual Assistance
- Public Assistance
- Hazard Mitigation
- Environmental Planning & Historic Preservation
- Disability Integration
- Voluntary Agency Liaison

External Engagements (Ongoing or Planned)

- FDEM + other state partners
- State RSFs
- Regional Organizations*
- Non-profits*
- Universities*
- County and Tribal Officials*

IRC Organization

Collaboration | Communication | Coordination

DR-4673-FL Joint Field Office – Lake Mary, FL

Leadership

Deputy Federal Coordinating Officer (DFCO):

Federal Disaster Recovery Officer (FDRO): Christy Grant

Recovery Support Functions

- CA: Laura Curvey (FEMA)
- Economic: Milton Cochran(EDA)
- Health and Soc. Svcs: Suzanne Everson (HHS)
- Housing: Brandon Porinchak (HUD)
- Infrastructure: David Apple (USACE);
- Natural and Cultural Resources: Michael Panek(BLM)

Branch 4 (Pasco, Pinellas, Hillsborough, Polk, Hardee)

IRC Branch Liaison/CA Manager: Arriving in Feb

Branch 3/5 (St. Johns, Putnam, Flagler, Lake, Volusia, Seminole, Orange, Brevard, Osceola)
Note: JFO is co-located in Lake Mary
IRC Branch Liaisons and CA Manager: Bertiel Harris

Branch 6/7: Manatee, Sarasota, DeSoto, Highlands, Glades, Hendry, Charlotte, Lee, Hendry, Collier, Monroe

IRC Branch Liaison and Deputy CA Group Supervisor: Priti Shah

IRC Coordination

Collaboration | Communication | Coordination

Coordination between and among IRC, other FEMA components, and the state + external partners is critical to achieving successful outcomes.

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FEMA Components and Program Areas
- Office of Civil Rights
- Individual Assistance
- Public Assistance
- Hazard Mitigation
- Environmental Planning & Historic Preservation
- Disability Integration
- Voluntary Agency Liaison
- Others

State and External Engagements
- FDEM, OCD + other state partners
- State RSFs
- Regional Organizations*
- Non-profits*
- Universities*
- Parish and Tribal Officials*

** IRC will work through the state for outreach.*

Recovery Support Functions (RSFs)

Collaboration | Communication | Coordination

Indicators of Needed Support and Outcomes

Community Assistance

- **Coordinating Agency:** FEMA

Indicator(s):
- Community Conditions Assessment (CCA)
- Complex or interdependent recovery projects are identified
- Limited expertise or capacity of local governments to manage and address recovery needs

Outcome: Resilient recovery of SLTT communities

Economics

- **Coordinating Agency:** Dept. of Commerce

Indicator(s):
- Significant damage to a major employer, economic driver, or major business resumption issues that have emerged (e.g., businesses considering leaving the area).
- Impact on sales and property tax base, directly hindering fiscal responsibilities of jurisdictions and independent school districts through decreased revenue streams.

Outcome: Sustainable, diversified and resilient economy

Health & Social Services

- **Coordinating Agency:** Dept. of Health & Human Services

Indicator(s):
- Areas where health and social services are impacted (e.g., access to care, healthcare facilities, schools, childcare, etc.).
- Elevated air/water environmental health risks and/or food safety risks.
- Disaster-caused impacts or impairments to human or social services provided to children and youth in schools.

Outcome: Sustainable and resilient health, education and social service systems

Housing

- **Coordinating Agency:** Dept. of House & Urban Development

Indicator(s):
- Whether the SLTT needs support establishing organizations/processes to address housing needs.
- Whether impacted communities have the capacity to provide and/or plan for long term accessible and affordable housing to displaced households.

Outcome: Adequate, resilient health, accessible and affordable housing

Infrastructure Systems

- **Coordinating Agency:** U.S. Army Corps of Engineers

Indicator(s):
- Number of large or complex PA projects that may require increased coordination or multiple funding streams.

Outcome: Restored, modernized, hardened and resilient systems

Natural Cultural Resources

- **Coordinating Agency:** Dept. of Interior

Indicator(s):
- Impacts to other areas of the community due to compromised environmental and cultural community elements.
- Whether natural, cultural, or historic areas have been impacted directly or indirectly by the disaster.

Outcome: Restored, preserved, resistant and resilient resources

Federal and State RSF Coordination

Collaboration | Communication | Coordination

Community Assistance	Economics	Health & Social Services	Housing	Infrastructure Systems	Natural Cultural Resources
• **Coordinating Agency:** FEMA	• **Coordinating Agency:** Department of Commerce / EDA	• **Coordinating Agency:** Department of Health & Human Services	• **Coordinating Agency:** Department of House & Urban Development	• **Coordinating Agency:** U.S. Army Corps of Engineers	• **Coordinating Agency:** Department of Interior

IRC Coordination Support

RSF 1	RSF 2	RSF 3	RSF 4	RSF 5	RSF 6
• **Coordinating Agency:** Florida Division of Emergency Management	• **Coordinating Agency:** Department of Economic Opportunity	• **Coordinating Agency:** Department of Health	• **Coordinating Agency:** Florida Housing Assistance	• **Coordinating Agency:** Dept. of Transportation	• **Coordinating Agency:** • Watershed Mgmt Districts • Dept. of Wildlife and Conservation

DR-4673-FL – Leveraging Past Successes

Collaboration | Communication | Coordination

Strategies, efforts or best practices identified during past disasters such as Hurricane Irma and others will be leveraged or repurposed to support DR-4673-FL (Florida - Ian) where appropriate. Potential examples include, but are not limited to:

Just-in-time Training for Local Recovery Management

Peer learning events such as the Mayor's Institute, Expos and other events

Data-informed decision making

Mission Statement

Collaboration | Communication | Coordination

The Community Assistance RSF (formally CPCB) unifies and coordinates expertise and assistance programs from across the Federal Government as well as nongovernmental partners to aid local and tribal governments in building their local capabilities to effectively plan for and manage recovery and engage the whole community in the recovery planning process.

Types of CA Assistance

Collaboration | Communication | Coordination

CA services require broad collaboration with field leadership, other RSFs, OFAs, non-gov partners, and SLTTs.

- **Community Data Collection, Assessment, and Analysis**
- **Community Based Recovery Planning Assistance**
  - Planning Assistance
  - Resource Identification, leveraging partnerships (e.g. associations)
- **Federal Interagency Coordination**
  - Coordination with other FEMA components (e.g., OER)
  - EPA, NOAA, HUD, EDA planning/capacity support programs
- **Capacity Building Assistance**
  - Just in Time Recovery Management Training Series
  - Capacity Building
    - Events (Symposia, etc.)
    - Peer to Peer Consultation
  - Targeted delivery of skill building and recovery management local briefings/education
- **Recovery Project Consultation or Targeted Technical Expertise**

Community Assistance Coordination

- CA coordinates with other FEMA program areas and components such as:
  - Office of Equal Rights
  - Disability Integration
  - Public Assistance
  - Individual Assistance / Voluntary Agency Liaisons
  - Mitigation
  - And others

- When recovery needs are outside the scope of FEMA programs, Interagency Recovery Coordination can engage ALL SIX RSFs to potentially identify other technical assistance or resource options.

Example of CA Services: Community Planning Technical Assistance

Flooding Event recovery effort: CA deployed a team of planners to assist the City of Denham Springs, LA to develop a recovery plan.

CA worked with local leadership to identify long-term recovery priorities, resources, and the appropriate partners to engage.

The City of Denham Springs engaged the community in the recovery planning process through community events during which community members shared what was important to them.

Visit: www.denhamstrong.com for more information.

FEMA

PATH TO RECOVERY & RESILIENCY

IRC

City of Deltona

Revitalize

Recovery & Resiliency Partnership Projects (R2P2)

Environmental Protections Agency (EPA) Sponsored

FEDERAL PROGRAM 1:
R2P2

- Technical assistance supports each city's vision for long-term economic recovery by developing design concepts and strategies that integrate:
  - ***Recreation;***
  - ***Stormwater Management;***
  - ***Community Connectivity;***
  - ***And Downtown Development***.
- The city developed a ***draft*** project list to consider for support based on Deltona site visit-tours and interagency recovery coordination (IRC) meetings, as follows:

CORE INITIATIVES: *R2P2*

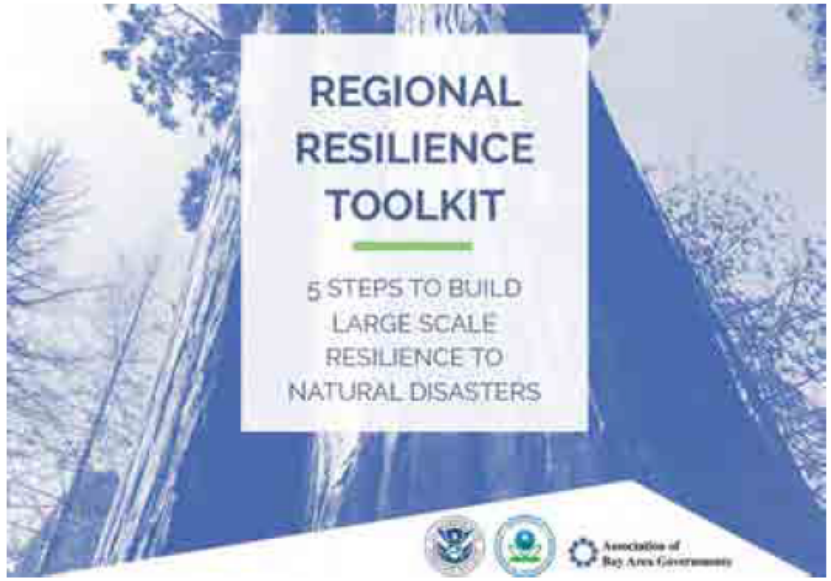
- **<u>Eco-Village Site Conceptual Design:</u>** ***Reimagine Lakeshore, Thornby Park*** **and** ***Green Springs Park***.
- Conduct community outreach to plan, design, and create viable recreational activities.
- Stormwater Recreation Park
- Stormwater Resiliency to Reduce Nuisance Flooding
- Trail System Gap Connection Options
- City and County Regional Trail Asset Connectivity
- Restore lakeshores environmental ambience for all to enjoy!

CORE INITIATIVES: *R2P2*

Additional Areas of Interest:

- Wastewater Expansion Options for Water Reuse
- Solar Options for City Infrastructure

Regional Resilience Toolkit



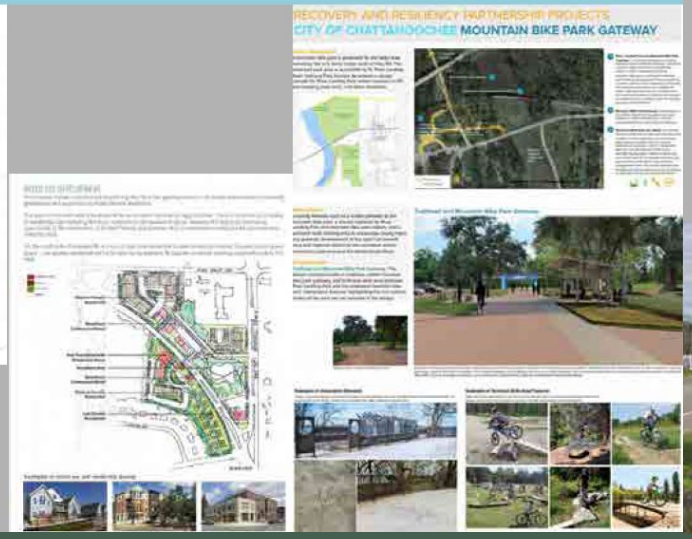
- **Land of Sky Regional Council, North Carolina**: flooding, wildfire and landslide impacts to essential services and critical facilities
- **Southern Minnesota**: flood impacts to rural, agricultural economies
- **Milwaukee Metropolitan Sewerage District, Wisconsin**: critical water infrastructure, green infrastructure for long-term asset management
- **Portland Metro, Oregon**: wildfire smoke and extreme heat impacts to public health

Integrated City-wide Blueway-Greenway Trail

City Pier Resiliency Project Commercial District Below Residential Above Surge

R2P2 Projects and Conceptual Designs

www.r2p2.skeo.com



R2P2 City-Scale Assets and Connectivity

City-scale approach:

- Identify citywide pedestrian and bike connections to natural, cultural and recreational assets
- Prioritize key areas for investments/improvements

West End Gateway, Marianna

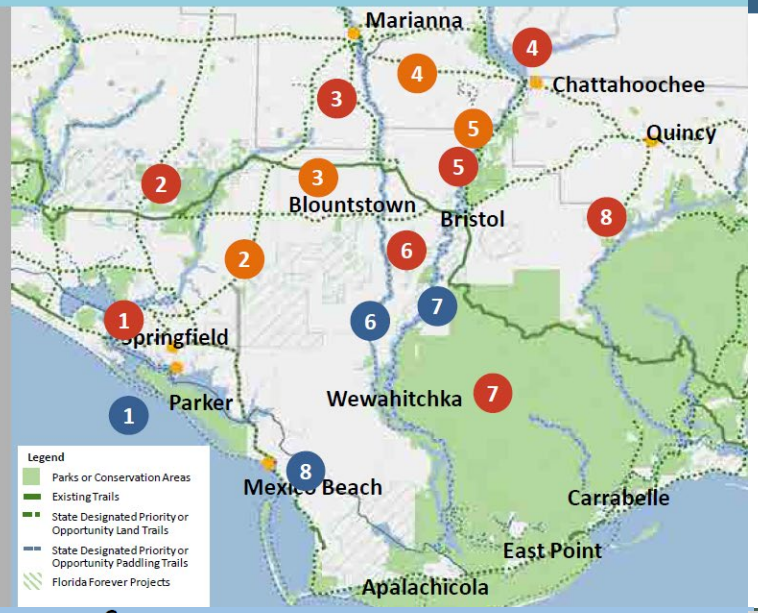
Regional Recreation Economy Alliance

Regional natural area resource assets:

1. St. Andrews Bay and Estuary
2. Econfina Creek Recreation Area
3. Chipola River
4. Lake Seminole
5. Torreya State Park
6. Apalachicola River
7. Apalachicola National Forest
8. Lake Talquin State Forest

Regional land trails and blueway corridors:

1. Florida Circumnavigational Saltwater Paddling Trail
2. Panama City to Marianna Corridor
3. Florida National Scenic Trail
4. Old Spanish Trail/HWY 90 Corridor
5. Chattahoochee to Bristol Trail
6. Chipola River State Paddling Trail
7. Apalachicola State Paddling Trail
8. Panhandle Intra Coastal Waterway Paddling Trail



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Task 3: Research and Pilots

- More in-depth, longer projects.
- Flexible, tailored assistance for a single recipient or across multiple communities.

EXAMPLE

- Post-fire response plans for water quality
  - Capture best practices on mitigating threats to drinking water
  - Guidance to update NHMPs for the next fire
- Targeted improvements to riparian areas for multiple benefits
  - Design and policy

Colleges and Underserved Communities Partnership Program: Supporting Limited Capacity

CUPP Community Recovery & Capacity Support Projects

County	Community Partner(s)	University Partner	Project(s)
Bay	Bay County Long-Term Recovery Task Force	FAMU-FSU College of Engineering	Resiliency Center design for hardened Indoor Recreation Center
Bay	Bay County Long-Term Recovery Task Force	Drexel University & Southern Alabama University	Tyndall Corridor Master Plan linking Tyndall Airforce Base with Parker and Springfield communities
Calhoun	Chamber of Commerce	FAMU-FSU College of Engineering	Stormwater Study base of the watershed to determine appropriate scale
Calhoun	SHIP Coordinator	FAMU School of Architecture and Engineering	Site Plan and Housing Design 9-acre plot to develop single-family-homes for the aging who were displaced by Hurricane Michael.
Calhoun	SHIP Coordinator	University of West Florida	Comprehensive Housing Survey

DR-4399-FL: Recovery Project—Stormwater Study

Location:
- Calhoun County, Florida (pop. of ~15,000; largely rural)

Lead RSF:
- Infrastructure Systems, USACE

Advisor:
- Sustainability, EPA

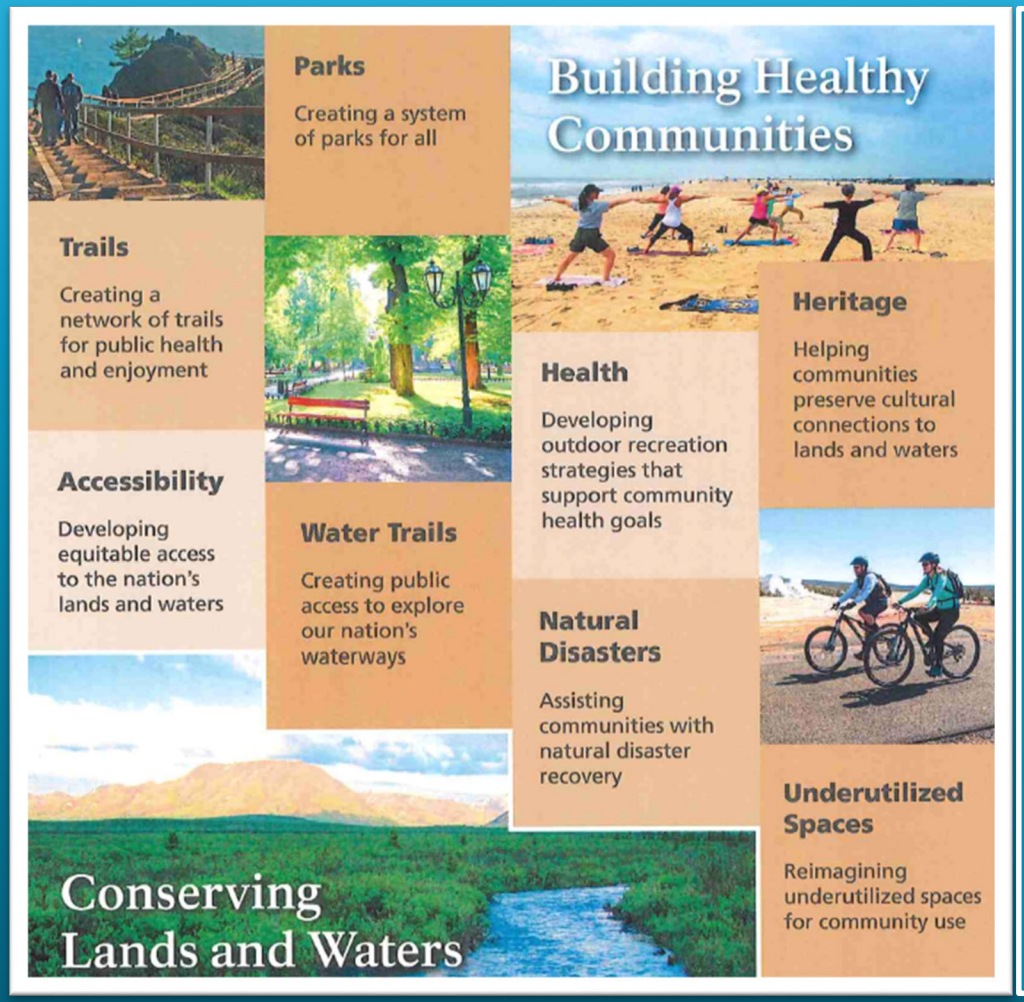
Phase I Technical Support:
- EPA Region IV, CUPP
- FAMU FSU College of Engineering | Civil and Environmental Engineering

Issue:
- Rainfall amounts overwhelmed stormwater drainage systems, contributing to flooding through low-lying streets and into homes and buildings.
- It would take several days before the water would recede enough to conduct damage assessments due to saturated conditions.

Project:
- Faculty-led teams of students in senior design course in civil and environmental engineering will conduct a stormwater study at the base of the watershed to help county determine where best to install flood mitigation measures.

FAMU-FSU College of Engineering

FEDERAL PROGRAM 2:
NPS-RTCA



This program assists communities, public land managers and nonprofit organizations with conservation and outdoor recreation projects by providing professional **planning, design and technical** expertise to help achieve a community's conservation and outdoor recreation vision.

CORE INITIATIVES: *NPS-RTCA*

- Develop a SWOT analysis of existing resources and potential recreational tourism
- Inventory visitor and recreation facilities in the planning area
- Identify additional local, county, state partners and stakeholders
- Formulate ideas and vision to capitalize on existing resources
    - ***Develop Concept Plan***: conduct ***community outreach and engagement***
    - ***Develop a Blueways Guide***: City and County Regional Trail Asset Connectivity
- Facilitate bridge strategy
- To learn more about NPS-RTCA visit www.nps.gov/rtca

FEDERAL PROGRAM 3:

EPA College/Underserved Community Partnership Program (CUPP)

- To provide meaningful support to underserved communities seeking to address legacy environmental and economic impacts while building the next generation of leaders with an awareness and vision for meeting the needs of our communities.
- Doctorate Professor is leading Clemson University Bio-Engineering Undergraduate Team to design a gravity septic-sewer conversion system within the ***Justice 40*** area in Deltona.

CORE INITIATIVES:

EPA College/Underserved Community Partnership Program (CUPP)

- Cost to connect to the centralized network.
- Provide phasing and conversion alternatives for advanced septic tank upgrades.
- Identify priority areas where decentralized advanced wastewater treatment opportunities could be implemented to connect home clusters onto septic systems that experience repetitive flooding and degrade the water quality in surrounding rivers, streams, and lakes.
- EPA Region 4's CUPP was created to provide a creative approach to partnering and delivering technical assistance to underserved communities.
- The program offers a professor and college/university students to assist these communities through internships, practicums and capstone projects.

FEDERAL PROGRAM 4:
EDA Disaster Supplemental Funding

- EDA's mission is to lead the Federal economic development agenda by promoting innovation and competitiveness, and preparing American regions for growth and success in the worldwide economy.
- EDA solicits applications under the authority of its *Economic Adjustment Assistance* (EAA) program. The EAA program is intended to be flexible and responsive to the economic development needs and priorities of local and regional stakeholders, including those seeking assistance recovering from Federally declared disasters.
- The EAA program is intended to be flexible and responsive to the economic development needs and priorities of local and regional stakeholders, including those seeking assistance recovering from Federally declared disasters. EAA funds can be awarded to assist a wide variety of activities related to disaster recovery, including **economic recovery strategic planning grants, and public works construction assistance.**
- Cost-Share Program at 80/20 or 75/25

FEDERAL PROGRAM 4:
EDA ECONOMIC FEASIBILITY AND IMPACT STUDIES

- To align ecological, environmental, and economic development community goals; assist with public engagement, and examine projects that will be identified in the ***R2P2*** and ***NPS-RTCA*** initiatives.
- Funding will help communities devise and implement long-term economic recovery strategies to recover and become resilient to future disasters through a variety of construction and non-construction projects.

CONDUCT ECONOMIC FEASIBILITY STUDY

- A comprehensive assessment of the financial viability of a proposed project or investment. It involves analyzing costs, potential benefits, risks, and other relevant economic factors to determine if the project is financially sound and worth pursuing.
- The study helps stakeholders make informed decisions by evaluating whether the expected returns outweigh the expense and associated risks of the project.

CONDUCT FISCAL IMPACT ASSESSMENT

- A systematic analysis that evaluates the potential effects of a project, policy, event, or activity on the economy of a region or county.
- It involves examining how the proposed action might influence various economic indicators such as employment, income, GDP and tax revenues.
- This assessment helps policymakers, businesses, and other stakeholders understand the potential positive/negative consequence of their decisions on the local economy.

CITY OF DELTONA CASE STUDY

The multiple trails in the City of Deltona could come to a **terminus** in and about this available waterfront destination offering the potential for an array of recreational activities and events including arts and crafts stations, small shops, restaurants, concerts, small boat launchings and spectacular sunrise and sunset views. With downtown Sanford just across Lake Monroe, a regional high-speed water taxi or ferry could provide easy access to the Sanford commercial waterfront and the Central Florida Zoo.

CITY OF DELTONA BENEFITS

- The implementation and combination of these disaster recovery programs has the potential to yield several positive outcomes for the City:
  - ✓ ***Improved infrastructure resilience and long-term sustainability.***
  - ✓ ***Enhanced economic diversification and growth through innovative initiatives.***
  - ✓ ***Opportunities to strengthen partnerships between public and private entities.***

NEXT STEPS:

- **Conduct** City Commission and Community Outreach Workshop to introduce federal program initiatives in collaboration with key stakeholders.
- Timeline to kick-off: October – November 2023

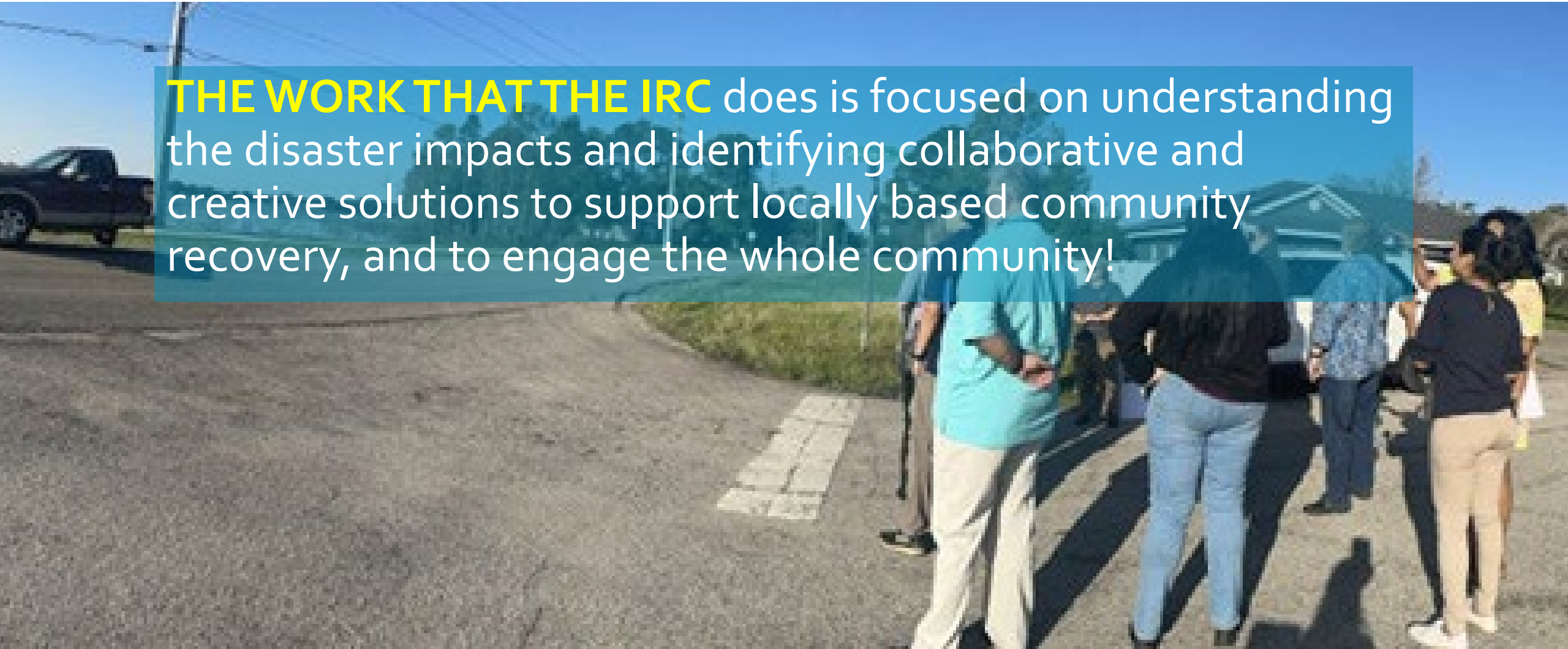
PROJECT MANAGEMENT FOCUS AREAS

- To finalize grant applications and secure funding for identified projects.
  - **EDA Disaster Supplemental Funding (FY23)**
    - **Request City Commission support to pursue grant application.**
  - **Resilient Florida Planning Grant**: Vulnerability Assessment and Watershed Study, 100% cost share grant to conduct citywide study. Upon completion, the city may then apply for *implementation funding* to support wastewater and stormwater management projects.
  - **eCivics** – city staff currently reviewing grant management software to support long-term funding and planning initiatives to build the City's financial grant portfolio.

CLOSING COMMENTS

- The City's commitment to building a resilient community that thrives even in the face of challenges remains steadfast.
- The implementation of these (4) federal programs will bolster our community's ability to rebound from disasters and provide a platform for sustainable economic growth and development.

IRC IS HERE TO SUPPORT DELTONA



THE WORK THAT THE IRC does is focused on understanding the disaster impacts and identifying collaborative and creative solutions to support locally based community recovery, and to engage the whole community!