

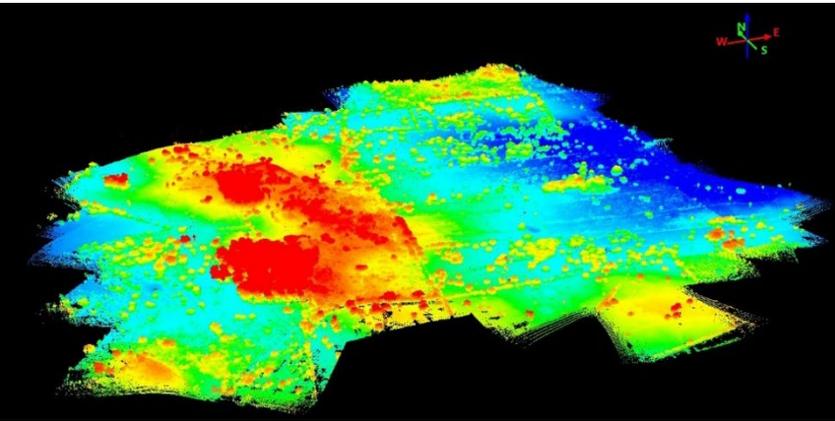
Florida Resilient Cities: Port St. Joe



Florida Institute for Built Environment Resilience (FIBER)
Shimberg Center for Housing Studies
Center for Landscape Conservation Planning

Florida Institute for Built Environment Resilience (FIBER)

College of Design, Construction & Planning



“We seek to advance knowledge of resilience, empowering people to thrive in a complex and changing world. FIBER is committed to the design, planning, construction and management of resilient built environments, with strong interests in the well-being of the people and communities who inhabit them.”

Florida Institute for Built Environment Resilience (FIBER)

College of Design, Construction & Planning

Details:

- Created in 2018
- Institute for resilience research and practice
- 7 multi-disciplinary faculty
- 5 Postdoctoral Associates
- 14 Graduate Researchers

Disciplines:

Architecture, Landscape Architecture
Urban Planning, Urban/ Environmental
Design, Building Construction, Engineering,
Sociology, Interior Design, Public Health,
Anthropology, Archaeology, Historic
Preservation



Florida Resilient Cities Program



Florida Resilient Cities (FRC) helps communities across Florida develop the capacity to be more prepared for, and more resilient to increased risk. The program bridges community needs with design research through the College of Design, Construction and Planning, partnered with faculty from across the University of Florida. An intensive partnership lasting 15-18 months, FRC seeks lasting impacts, through ongoing research that contributes to a network of resilient communities across Florida.

Florida Resilient Cities Program

The FRC approach involves three specific strategies:

- **Taking a design thinking approach.** Design projects can connect the values and goals of a broad range of stakeholders behind strong and optimistic community visions.
- **Applying the best science for effective problem solving.** Achieving long-range resilience requires baseline data and forecasts that support redirecting investments into areas facing less risk from future events.
- **Building local adaptations toward statewide transformation.** Successful local projects build local support to champion, fund, and implement adaptation that provide the best practices for state-wide policy.

Florida Resilient Cities Program

How it Works

- One city or regional scale partner per year
- 15- to 18-month collaboration
- Fall: FRC team + selected partner community visioning workshop & needs assessment
- Spring & Summer: UF coursework, research & workshops with stakeholders
- Summer & Fall: Public exhibition, Implementation summit, funding for next phases



FRC Year 1: Port St. Joe

- Funded by: Jessie Ball DuPont Fund
- Hurricane Michael (October 2018) Category 5
- Historic panhandle town

Port St. Joe Team:

Jeff Carney

Associate Professor, School of Architecture
Associate Director, FIBER

Bill O'Dell

Director, Shimberg Center for Housing Studies

Mike Volk

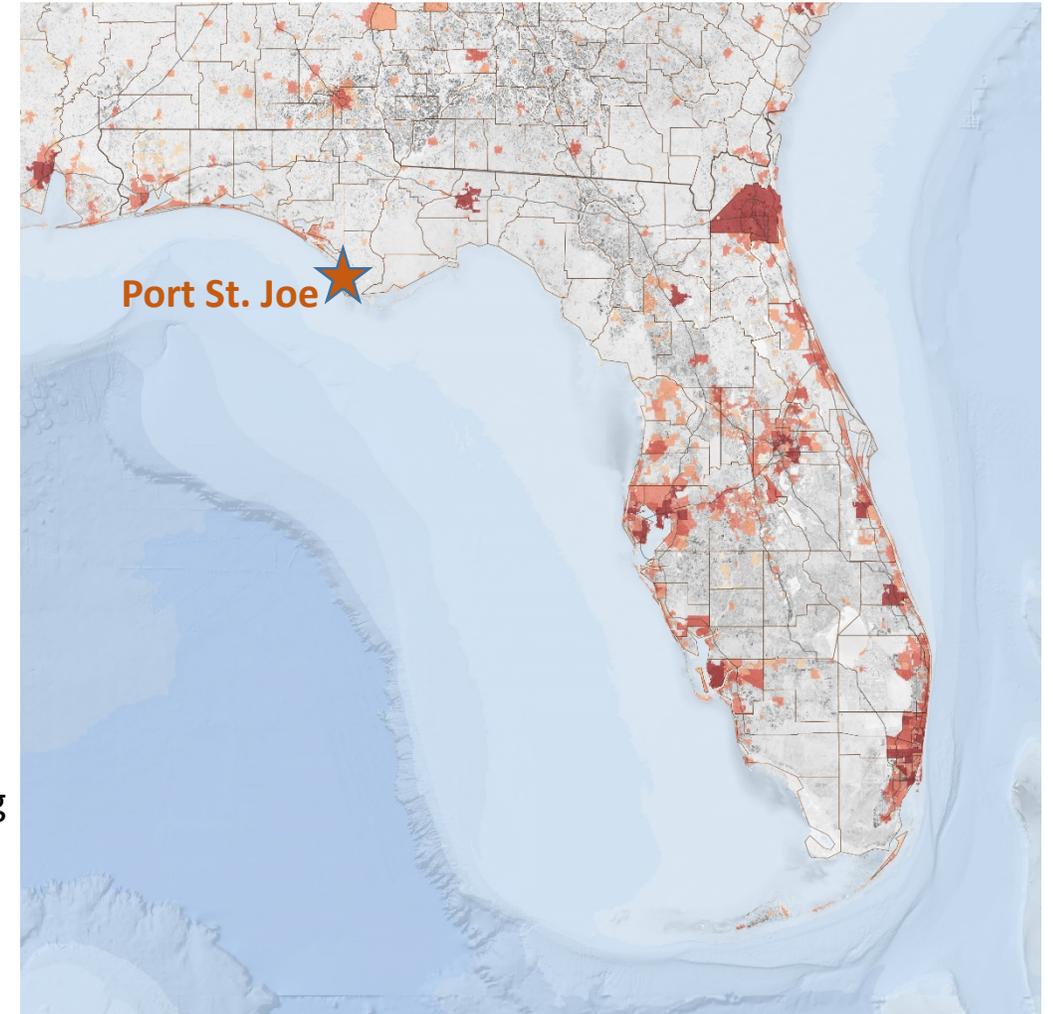
Associate Director, Center for Landscape Conservation Planning

Cleary Larkin

Postdoctoral Associate, FIBER

Eliza Breder

Graduate Assistant, FIBER



Phase 1: Needs Assessment

Community Visioning Workshop September 2019

EXERCISE #1: Reflecting on the Past: Experiences, memories, hopes

EXERCISE #2: SWOT Analysis

EXERCISE #3: Visions, Projects, Champions



Phase 1: Needs Assessment

Result: Themes and areas for focused research.



Phase 2: Building Partnerships

The Proposal Process

Funding Provision: FRC will provide funding not exceeding \$10,000 each for six to eight place-based projects to be conducted during the Spring semester 2020. The following project types are eligible:

- Courses and studios
- Faculty research
- Faculty-mentored student research



Phase 2: Building Partnerships

THEMES:

- Transformation & Continuity
- Economic Development (Infrastructure & Jobs)
- Natural and Agricultural Landscapes
- Disaster Planning
- Public Health
- Affordable and Resilient Housing
- Neighborhood Cohesion (Physical and Social)



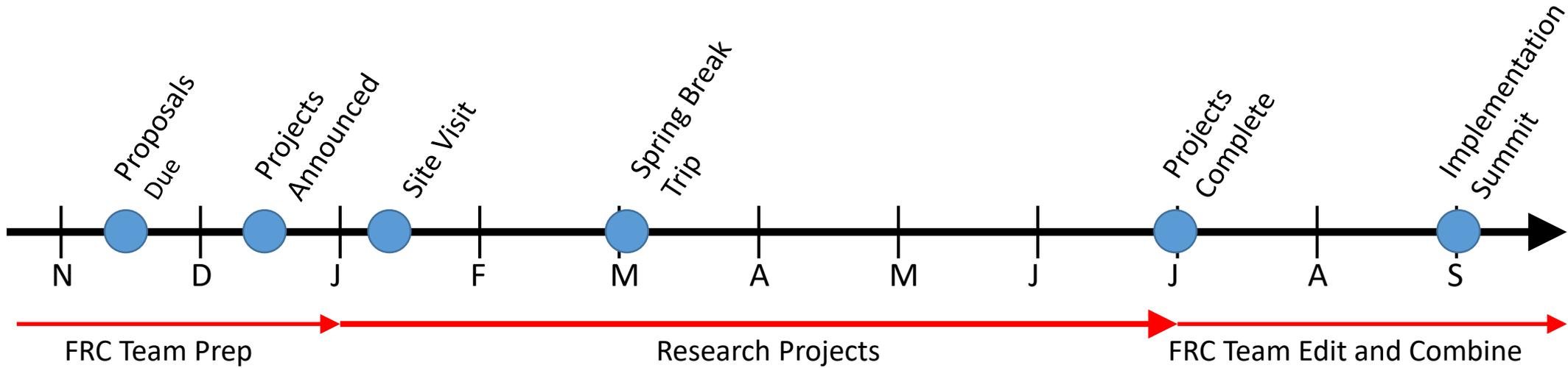
Phase 2: Building Partnerships

Selected Projects to be Announced TODAY!

- Community Narratives group comprises three teams who will focus on community significance, the strength of social networks and the building of resilience as it relates to historic neighborhoods, natural resources and place-making.
- The Built/Natural Landscapes group comprises three teams who will focus on green infrastructure, stormwater management, sustainable park systems, and home-sharing as factors in building resilience for Port St. Joe residents and tourists in both everyday life and extreme or crisis conditions.
- In addition to the six research projects, there will be a multi-disciplinary course that will bring students from a range of disciplines to Port St. Joe to conduct a series of projects over their Spring Break.



Next Steps



Goals & Outcomes

Florida's most effective tool for resilience lies in the creativity of its citizens and the capacity of municipal leaders to structure, coordinate, fund, and implement projects.

UF's FRC program is an effort to help cities realize their potential and to demonstrate resilience at the urban and regional scale.

Contact us with any questions:

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THANK YOU!

