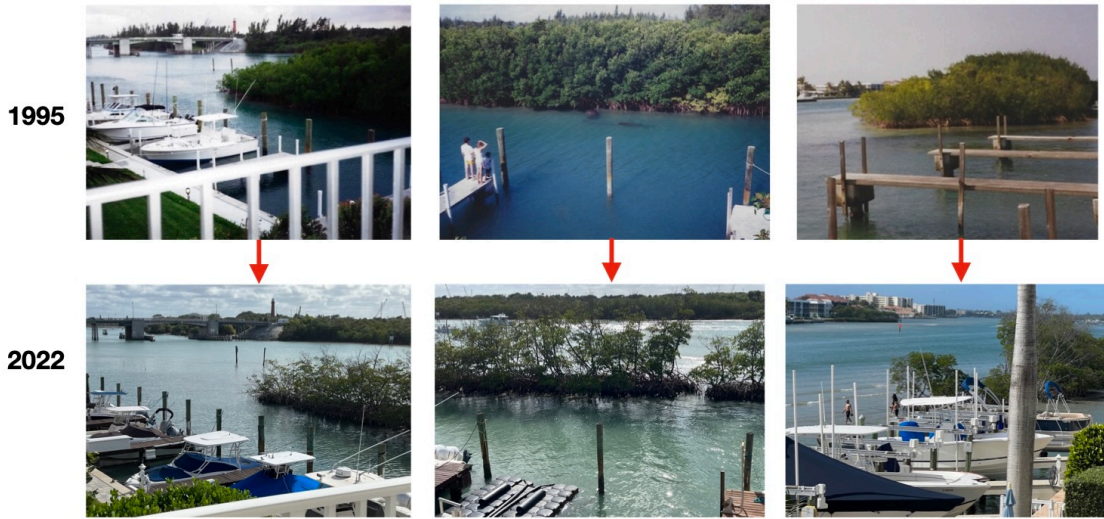


**PURPOSE/MISSION:**

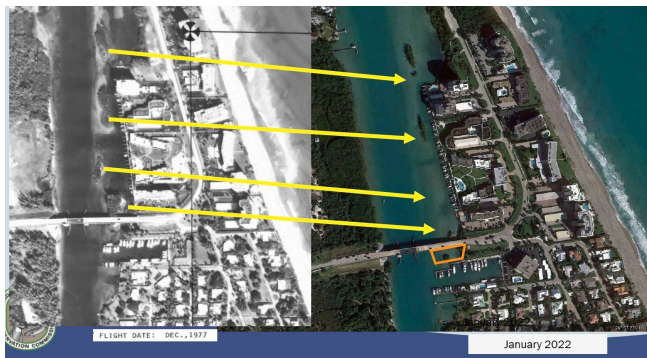
Jupiter Narrows Conservation Alliance (“JNCA”) was founded in January 2024 to preserve and protect the environmental integrity of the Jupiter Narrows (the east side of the Intracoastal Waterway from Cato’s Bridge north into Coral Cove Park). Through our all-volunteer, community-led approach, we have engaged government agencies, NGOs, local businesses, guides, scientists, municipalities, and passionate residents to develop sustainable, long-term preservation. This is a popular area because of its pristine water and abundant wildlife (manatees, fish, rays, sharks, turtles, birds, etc.), and the mangroves and seagrasses are the backbone of this valuable ecosystem. Using evidence-based, scientific methods to mitigate wave activity, combined with educating the public on how to be stewards of their public wilderness areas, we plan to secure the future health of the ecosystem and ensure that outdoor enthusiasts of all forms can enjoy these areas for generations to come.

**Then and Now**



**BACKGROUND/ PROGRESS:**

As background, our JNCA project started approximately three years ago with a groundswell of community concerns about the deteriorating state of the area’s mangrove islands. It is alarming to see the loss of the mangroves, and that decline has been accelerating over the past decade.



At that time, Sue Panella, a local resident, contacted the Florida Fish and Wildlife Conservation Commission and Palm Beach County's Environmental Resources Management. Representatives from those organizations came out to snorkel and assess the situation and agreed that these islands should be saved. We enlisted additional expertise and advice from Jupiter Inlet Lighthouse Outstanding Natural Area (JILONA, part of Federal Bureau of Land Management - BLM), Jupiter Inlet District, Indian River Lagoon Aquatic Preserve, Village of Tequesta's Environmental Advisory Committee, Jupiter Inlet Foundation, and more. We are still in regular contact with these experts, and they have been very supportive of our efforts.

In January 2024, we established Jupiter Narrows Conservation Alliance (JNCA) as a Florida not-for-profit corporation and received 501(c)(3) designation from the IRS in May 2024. We published an op-ed in the Palm Beach Post and The Invading Sea (June 2023); had a Media Day in March 2024 to invite press and neighbors to the waterfront to formally launch JNCA [ABC report](#) [NBC report](#); presented to ECERT (East Coast Estuarine Restoration Team) to engage and inform other restoration experts; and hired Taylor Engineering to conduct a natural resources survey, design the project, obtain permits, and assist during construction.

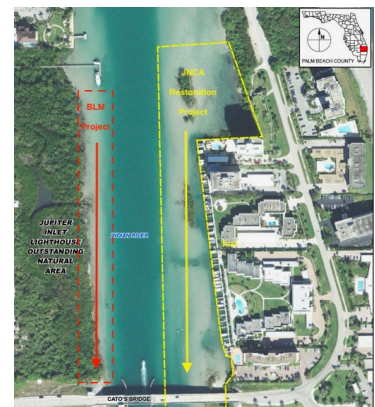
The design that Taylor Engineering recommended and that we are pursuing is limestone breakwaters installed between the boating channel and the west side of the three remaining mangrove islands. These will blunt the wave action, stabilize the sediment and mangrove roots, and create an environment in which mangroves and seagrasses will thrive. Taylor has designed similar installations that have been very effective in preserving and restoring mangroves and seagrasses.



**PARTNERSHIPS/ ALLIANCES:** We are proud of the alliances we have developed and believe they are critical to our success.

Ocean Conservancy ('OC') - in May 2023, we partnered with OC, the oldest U.S. non-profit devoted to marine conservation. Jon Paul "J.P." Brooker, OC's Florida Director, expressed interest in our community-led efforts and believes that when we succeed, this model can be scaled-up elsewhere in the IRL and also replicated in many other locations in Florida. J.P. is a founding member of our Board, and as a lawyer and lobbyist, he has been instrumental in helping JNCA navigate the conservation space. He also brings the expertise, credibility, and science of the OC organization.

Jupiter Inlet Lighthouse Outstanding Natural Area (BLM) - Our project is adjacent to the \$14 million, multi-year restoration effort of the federal government. We are directly across the intracoastal waterway and part of the same ecosystem that has experienced rapid decline. The BLM has already been permitted and funded to protect the west side of the intracoastal. We have been following their lead to preserve and restore the east side, using the same engineering firm for design and permitting, obtaining permits through the same agencies, and proposing some of the same solutions based on evidence of prior successes. Assuming we are permitted while the BLM project is being implemented, there may also be opportunities to find efficiencies in the construction phase of the project.



Local Community - Our local community is highly engaged in this preservation and restoration effort. In July 2023, we surveyed neighbors to gauge their interest and understand any concerns. Since then, we have provided monthly updates. In March 2024, we presented to Village of Tequesta Council and got their unanimous support and a letter of resolution supporting our efforts. In April, we attended the Wild & Scenic Film Festival at the Jupiter Lighthouse to share informational materials with the broader community. In May, all of the buildings adjacent to this area installed signs/banner on private dock pilings/ seawalls along Jupiter Narrows to raise awareness among boaters and Coral Cove’s beachgoers about our restoration efforts and to urge people to exercise caution around the fragile mangrove islands and seagrasses. [FOX report](#) [WPTV report](#). In mid-June, we launched a fundraising campaign among neighbors, and in the first month, we raised over \$50,000.

**FUNDRAISING:**

In June 2024, we launched JNCA’s community fundraising efforts to support the final steps of our pre-construction phase. Prior to this official fundraising launch, the Ocean Conservancy contributed \$10,000, and a private foundation and a few local residents contributed another ~\$50,000. Now that we are incorporated and have our 501(c)(3) status, we launched our campaign to raise \$150,000 by the first quarter of 2025 from local residents, businesses, and foundations to complete pre-construction efforts - engineering and permitting for the breakwaters and the permitting, installation, and maintenance of informational buoys. We also must raise \$750,000 for 2025’s construction phase and the post-construction monitoring for three years. For this, we will continue to pursue contributions from individuals, foundations, and businesses, but we will also apply for larger grants and state appropriations in anticipation of receiving awards around mid-2025.



## Save the Mangrove Islands and Seagrasses

	<b>Phase 1</b> “Get ready”	<b>Phase 2</b> “Get specific!”	<b>Phase 3</b> “Get permitted”	<b>Phase 4</b> “Get construction-ready”	<b>Phase 5</b> “Get in the water”
<b>Timing</b>	2021-2024	May 2023 - April 2024	May 2024 - Jan 2025	Feb - July 2025	2025
<b>Funding</b>	\$25,000 <i>(fully funded)</i>	\$35,000 <i>(fully funded)</i>	\$80,000 <i>(need in hand ASAP)</i>	\$70,000 <i>(need in hand before 2025)</i>	~\$750,000 +/-, depending on cost sharing with BLM* and donations of materials/services
<b>Source</b>	Donation from private foundation	\$10K - Ocean Conservancy \$25K - a few local residents	Local residents Local foundations Local businesses	Individuals Foundations Businesses	Grants/ Appropriations Individuals Foundations Businesses
<b>Purpose/ Work</b>	Define Problem Build Community Engage Ocean Conservancy	Seagrass survey Concept designs Incorporation Website, Email, Marketing materials	Permitting & engineering drawings (\$52.2K) Buoy permitting, installation, maintenance (\$25K) Marketing/fundraising Apply for grants	Construction-ready drawings Bidding support Engineering support for construction Marketing/fundraising Apply for grants	Construction Post-construction environmental monitoring for 3 yrs Fundraising Receive grant awards

\* BLM = Federal Bureau of Land Management - Jupiter Lighthouse Outstanding Natural Area

**BUDGET:**

Our budgeted expenses for 2024 are \$77,566, primarily for pre-construction engineering costs and installation of informational buoys. Our budget for 2025 is \$777,525 for the rest of the pre-construction engineering and the construction of the limestone breakwaters. It is imperative that we are successful in our 2024 fundraising efforts and exceed our 2024 expense needs. That way, we will be poised to start 2025 without any delays.



JNCA PROJECTED BUDGET

	2024 Budget	2025 Budget
<b>REVENUES</b>		
Fundraising	\$ 76,204	\$ 777,525
Reimbursement for Signs/Banner	\$ 1,362	
<b>TOTAL REVENUES</b>	<b>\$ 77,566</b>	<b>\$ 777,525</b>
<b>EXPENSES:</b>		
<b>Administration</b>		
Email addresses	\$ 375	\$ 0
Website	\$ 800	\$ 900
Insurance	\$ 1,000	\$ 1,500
Fees (IRS and FI Dept of Agric)	\$ 275	\$ 125
<b>Marketing</b>	\$ 1,500	\$ 1,500
<b>Education/ Awareness</b>		
Signs and Banner - pre-project	\$ 1,362	\$ 0
Signs - at project site		\$ 1,000
Buoys - permit, install, maintain	\$ 20,000	\$ 2,500
<b>Phase 3: Preliminary Design and Permitting (Pre-construction)</b>		
Data collection	\$ 7,932	
Preliminary Engineering Design	\$ 10,604	
Coastal Conditions Analysis & Numerical Modeling	\$ 5,080	
Environmental Permitting	\$ 28,638	
<b>Phase 4: Final Engineering (Pre-construction) - Q1&amp;2</b>		
Final Engineering Design		\$ 16,250
Bidding Assistance		\$ 16,250
Construction Services		\$ 32,500
<b>Phase 5: Construction and Post-construction</b>		
Construction (Q3-Q4 '25)		\$ 705,000
Post-construction monitoring		
<b>TOTAL EXPENSES</b>	<b>\$ 77,566</b>	<b>\$ 777,525</b>

We are very proud of the momentum we are building. We have received tremendous interest and support from neighbors, local municipalities, scientists, NGO's, media, and local businesses. It truly is a community effort! As ordinary citizens with a passion for our waters and wildlife, we are also hopeful that by demonstrating how we can make a difference, this will motivate others to replicate our community-led effort in other areas of the IRL and state of Florida.

Please contact us if you have any questions, and thank you for your interest.

Respectfully,

Sue Panella, *President of Jupiter Narrows Conservation Alliance*

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