



# Grant Application Update:

## NFWF National Coastal Resilience Fund 2022

Designing Wetland Habitat Enhancement and Flooding Improvements  
for Charlotte Harbor Flatwoods

Charlotte Harbor Flatwoods Initiative

June 8, 2022

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# NFWF National Coastal Resilience Fund '22

- *Nature-based solutions to help protect coastal communities from the impacts of storms, floods, and other natural hazards and enable them to recover more quickly and enhance habitats for fish and wildlife.*
- Pre-proposal submitted to NFWF in May
  - Submitted by Fish & Wildlife Foundation of Florida 501(C)3 on behalf of FWC
- Invited to submit full proposal June 30, 2022

# Purpose

- Leverage Yucca Pens Unit hydrologic modeling & recommendations
  - Restore wetland habitat by retaining on site water
  - Reduce peak flows to tide
  - Increase habitat & community resiliency
- Secure funding for final engineering, design, and permitting
  - ATV trail water conveyance blocks & low water fords
  - Seepage cutoff wall at Gator Slough canal



# “Designing Wetland Habitat Enhancement and Flooding Improvements for Charlotte Harbor Flatwoods (FL)”

- Engineering and Design Project
- Proposal oriented toward coastal community resiliency
  - Reduced flooding risk to Burnt Store Road evacuation route
  - Enabling Rx fire management thereby reducing wildfire risk
  - Ensure sustainable fisheries (economies) through habitat management
- Requested funding \$550,000.00
  - Potential non-federal match:
    - \$59,840.00 – FWC 22/23 environmental monitoring of Yucca Pens
    - \$31,251.00 – DWH Program: Lower Charlotte Harbor Flatwoods Hydrologic Restoration Initiative, Yucca Pens Unit (Planning & Design) Task 7

# Pathway to Implementation

- Grant period: August 2022 – September 2024 (encompass match \$)
- FWC engineering (July 2023 – June 2024)
  - FWC Div. Habitat & Species Conservation manage contracts for
  - Surveys, geotech, designs, state & federal permits, construction cost estimate
  - Implementation-ready at completion
- Pursue state and/or NFWF NCRF funds for construction in 24/25

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Special thanks to:

