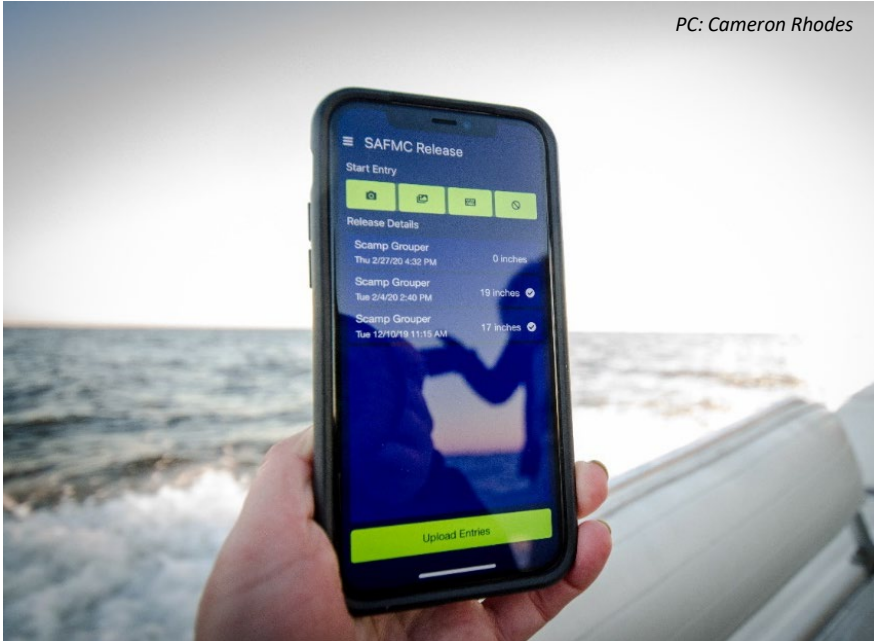


PC: Cameron Rhodes



PC: Shore Thang Charters



PC: Rusty Hudson

Citizen Science Program Update

CitSci Operation & Projects Advisory Committees
November 2021

Program Activities

New CitSci Project Coordinator – Nick Smillie

[BioScience](#) article on development of Council's CitSci Program

Updating CitSci Research Priorities

2021 American Fisheries Society Conference

- Symposium on Angler Engagement
Sunday, Nov 7 – opportunity to participate virtually
- Presentation on SciFish Customizable
CitSci App Scoping Meetings

**SAFMC
CITIZEN SCIENCE
PROGRAM
#CitSciFri**

**Citizen Science Research
Priorities**

PC: Amber Von Harten

AMERICAN FISHERIES SOCIETY

151st

ANNUAL MEETING 2021

Baltimore

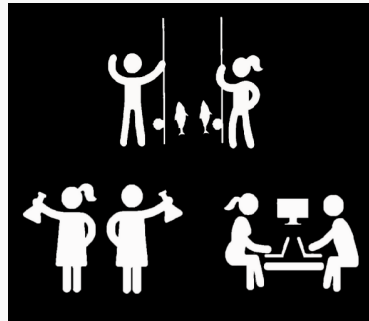
INVESTING IN PEOPLE, HABITAT, AND SCIENCE

Initial Evaluation Plan – Phase 1, Interviews

- Working with Rick Bonney to gather baseline data on knowledge, attitudes, collaborations, engagement, and trust levels of various stakeholders



Interview script
complete & review
underway



18 potential interviewees
identified & interviews
getting started



Interviews will tentatively
be conducted between
Oct - Dec



FISHstory

A pilot project to document historic for-hire catch and length estimates using historic photos



PC: Rusty Hudson



FISHstory Progress Update



Data Collection Complete

2,120 volunteers

35,470 classifications

King Mackerel measured in 1,347 photos



Data Analysis Underway

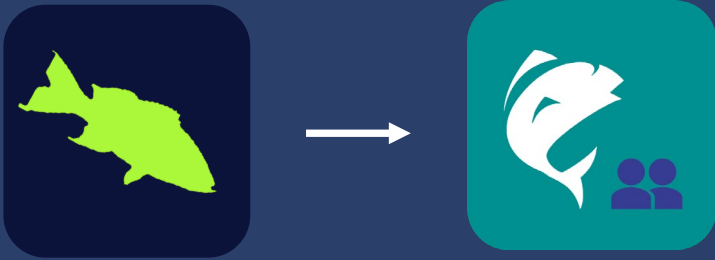
Validation Team photo review

Compare Validation Team to Live Data

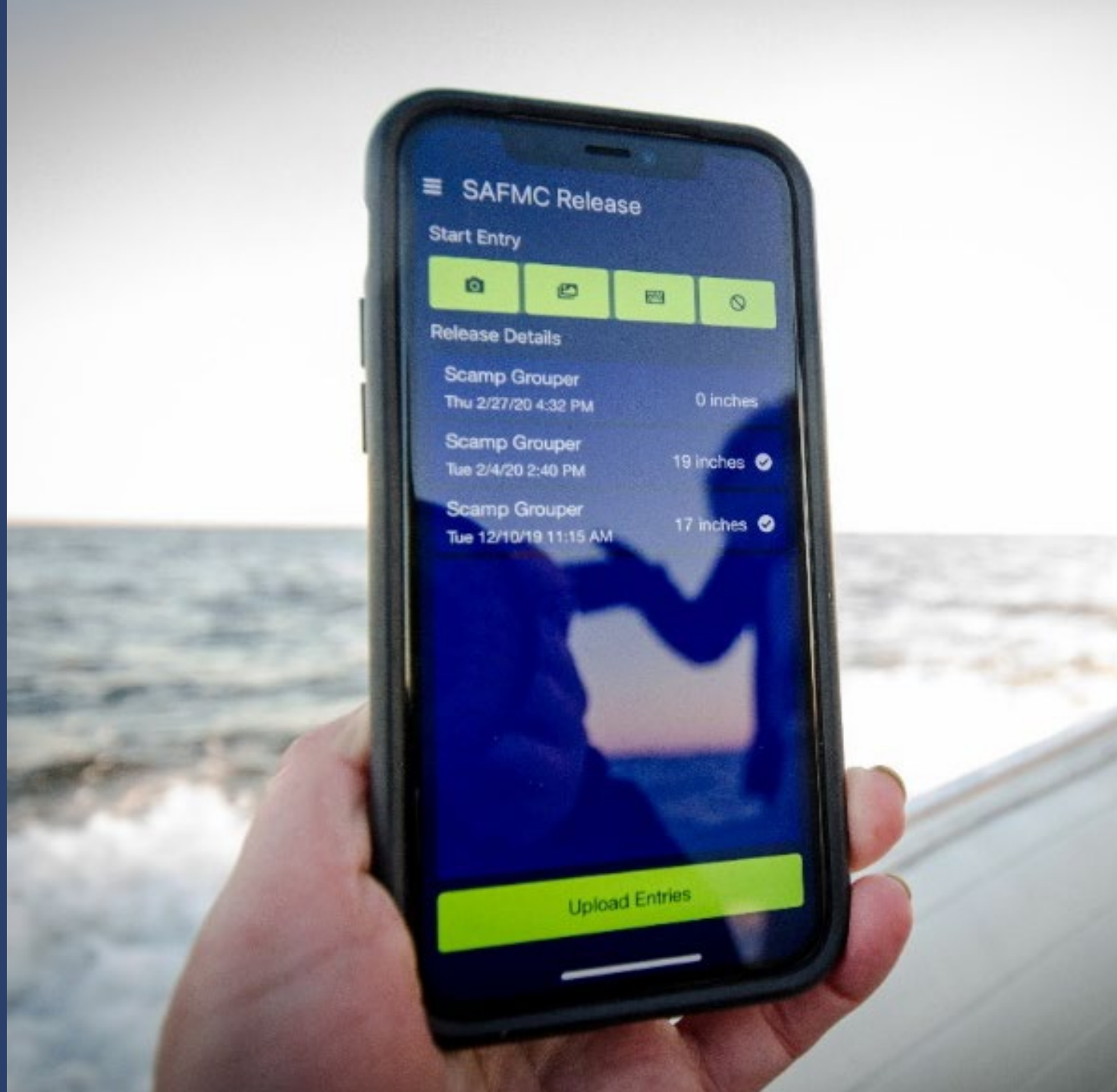
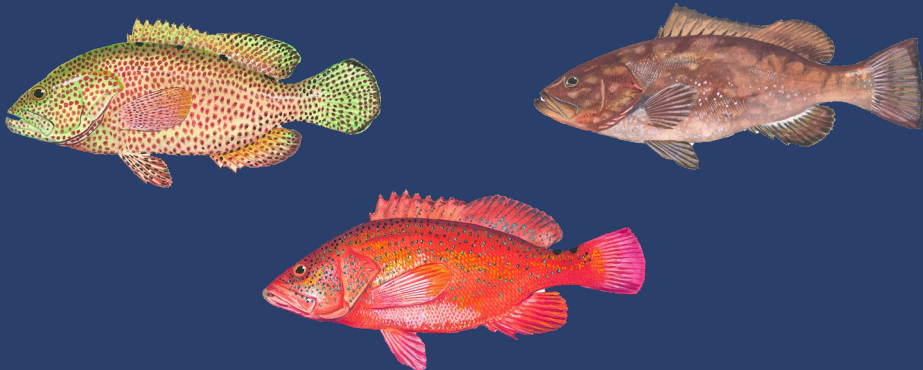
Develop length compositions

SAFMC Release

- SAFMC Release has moved to SciFish

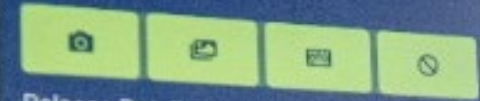


- Expansion to shallow water grouper



SAFMC Release

Start Entry



Release Details

- Scamp Grouper
Thu 2/27/20 4:32 PM 0 inches
- Scamp Grouper
Tue 2/4/20 2:40 PM 19 inches ✓
- Scamp Grouper
Tue 12/10/19 11:15 AM 17 inches ✓

Upload Entries



Reel 



- Transition SAFMC Release users over to SciFish
- Recruit new participants with expansion to all shallow water grouper
- Planning to expand further to Red Snapper



PC: Bryan Fluech

SciFish Development

STEP 1 - FY20

- Combine SAFMC Release & Catch U Later in SciFish
- Customizable CitSci App Scoping Meetings

STEP 2 – FY21

- Develop customizable app prototype and project builder interface using information gathered through scoping meetings

STEP 3 – FY22*

- Move prototype into production & make available to other partners
- Develop policies & procedures needed for partners to build projects
- Add two new projects as ‘proof of concept’



Citizen Science App Scoping Meetings

Community Scoping

Questionnaire & town halls to understand Atlantic coast fisheries community needs

Workshop 1

Data gaps & deficiencies
Which gaps may respond well to a citsci approach

Workshop 2

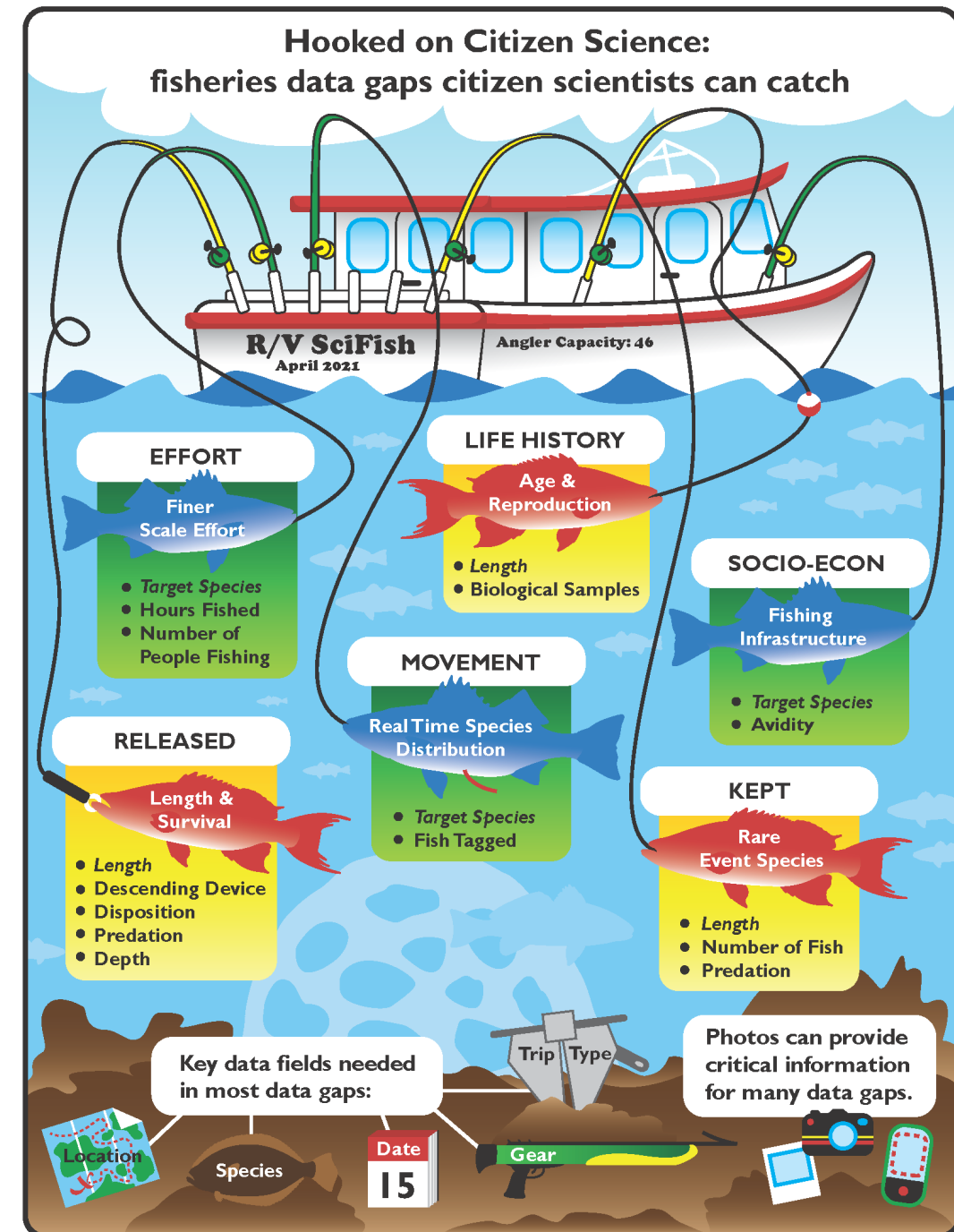
What data are needed to address gaps
What data can be reasonably collected

Workshop 3

How to make the app as user-friendly as possible
What would make someone start and continue using app

Citizen Science App Scoping Meeting Findings

Identified data gaps that would respond well to citizen science & corresponding data fields needed to address those gaps





Dolphin Wahoo Participatory Workshops

GOAL: Increase communication between scientists, managers and fishermen to better understand the Dolphin Wahoo fishery in the South Atlantic.

Method: Participatory conceptual modeling of the Dolphin Wahoo fishery in NC/VA & FL Keys

- *Map system of key factors that affect the fishery*
- *Identify major concerns, values and preferred objectives related to the fishery and ecosystem*
- *Develop hypotheses - how changes in system affect fishery, businesses & communities*
- *Identify key questions and information gaps*

Collaborators

- *SEFSC (lead): Mandy Karnauskas & Matt McPherson*
- *SAFMC: Julia Byrd and John Hadley*
- *MREP & Gulf of Maine Research Institute*
- *All of the fishermen & community participants!*

<https://safmc.net/cit-sci/dolphin-wahoo-participatory-workshops/>

Promoting Gray's Reef Through Engaging GA Anglers

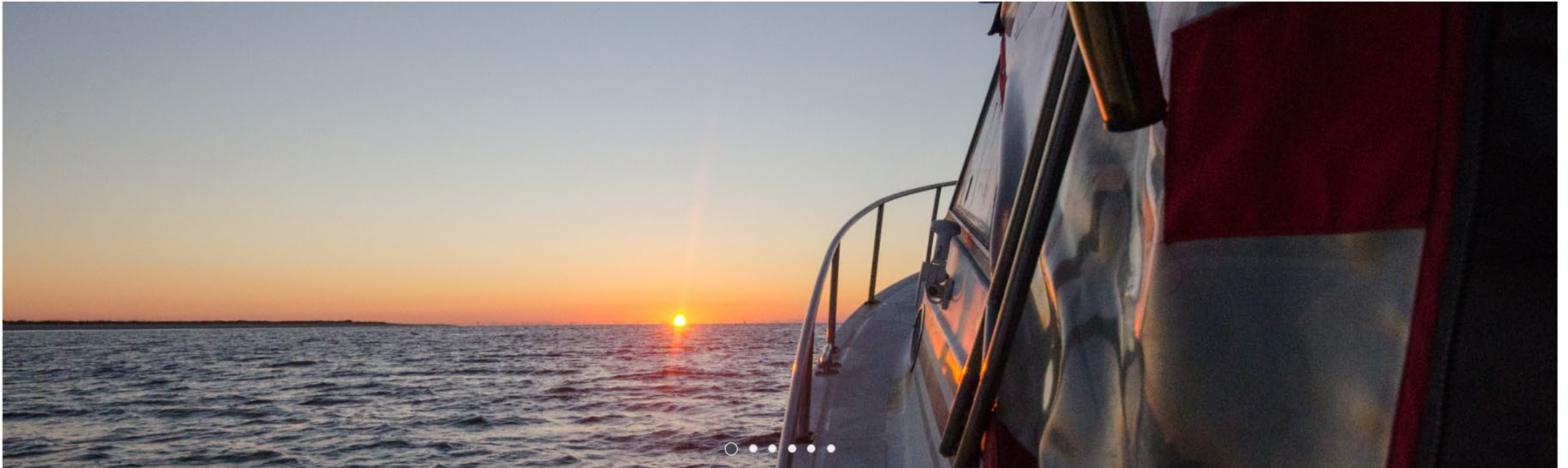


Online Resource

- Share info about Gray's Reef
- Learn about best fishing practices
- Explore citsci data collection opportunities



Enjoy Fishing at Gray's Reef National Marine Sanctuary!



Home



Preparing to Go!



Fishing Responsibly



Citizen Science



Fishing for our Future

Keep Up with Projects & the Program!
<http://safmc.net/citizen-science-program/>



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