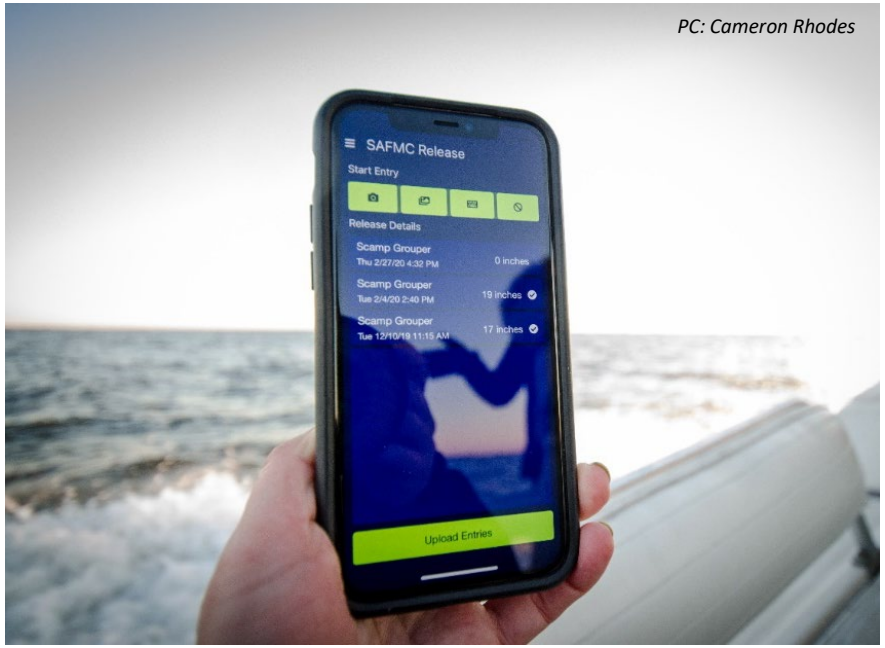


PC: Cameron Rhodes

PC: Shore Thang Charters

PC: Rusty Hudson

Citizen Science Program Update

Outreach & Communications Advisory Panel

November 2021

Citizen Science

Program Activities

New CitSci Project Coordinator – Nick Smillie

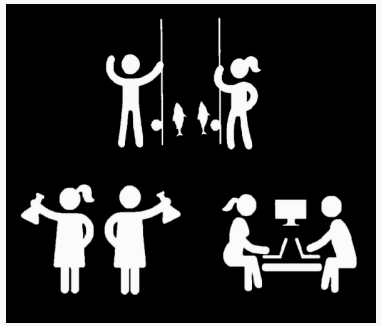
Updating CitSci Research Priorities

Helping organize AFS Fisheries Magazine Special Issue on Citizen Science with NOAA colleagues

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


PC: Richard DeLizza

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/

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 1,374 photos

Data Analysis Underway

Validation Team photo review

Compare Validation Team to Live Data

Develop length compositions

SciFish Citizen Science Mobile App Development

STEP 1 - COMPLETE

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

STEP 2 - UNDERWAY

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

STEP 3*

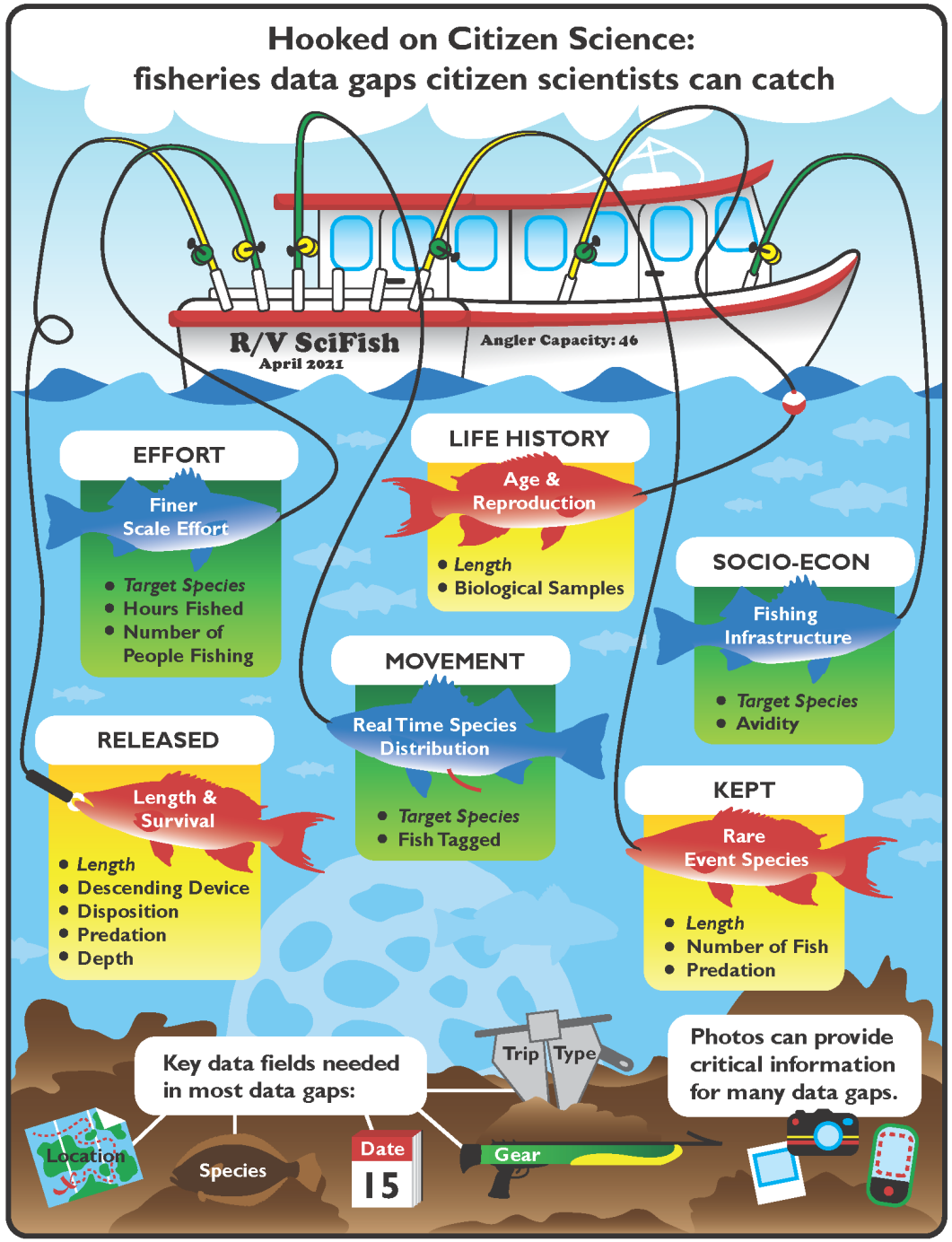
- Move prototype into production & make available to other partners
- Develop policies & procedures needed for partners to build projects
- Add two new projects as ‘proof of concept’

SciFish Scoping Meetings

Community Scoping	Workshop 1	Workshop 2	Workshop 3
Questionnaire & town halls to understand Atlantic coast fisheries community needs	Data gaps & deficiencies Which gaps may respond well to a citsci approach	What data are needed to address gaps What data can be reasonably collected	How to make the app as user-friendly as possible What would make someone start and continue using app

SciFish
Scoping Meeting Findings

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

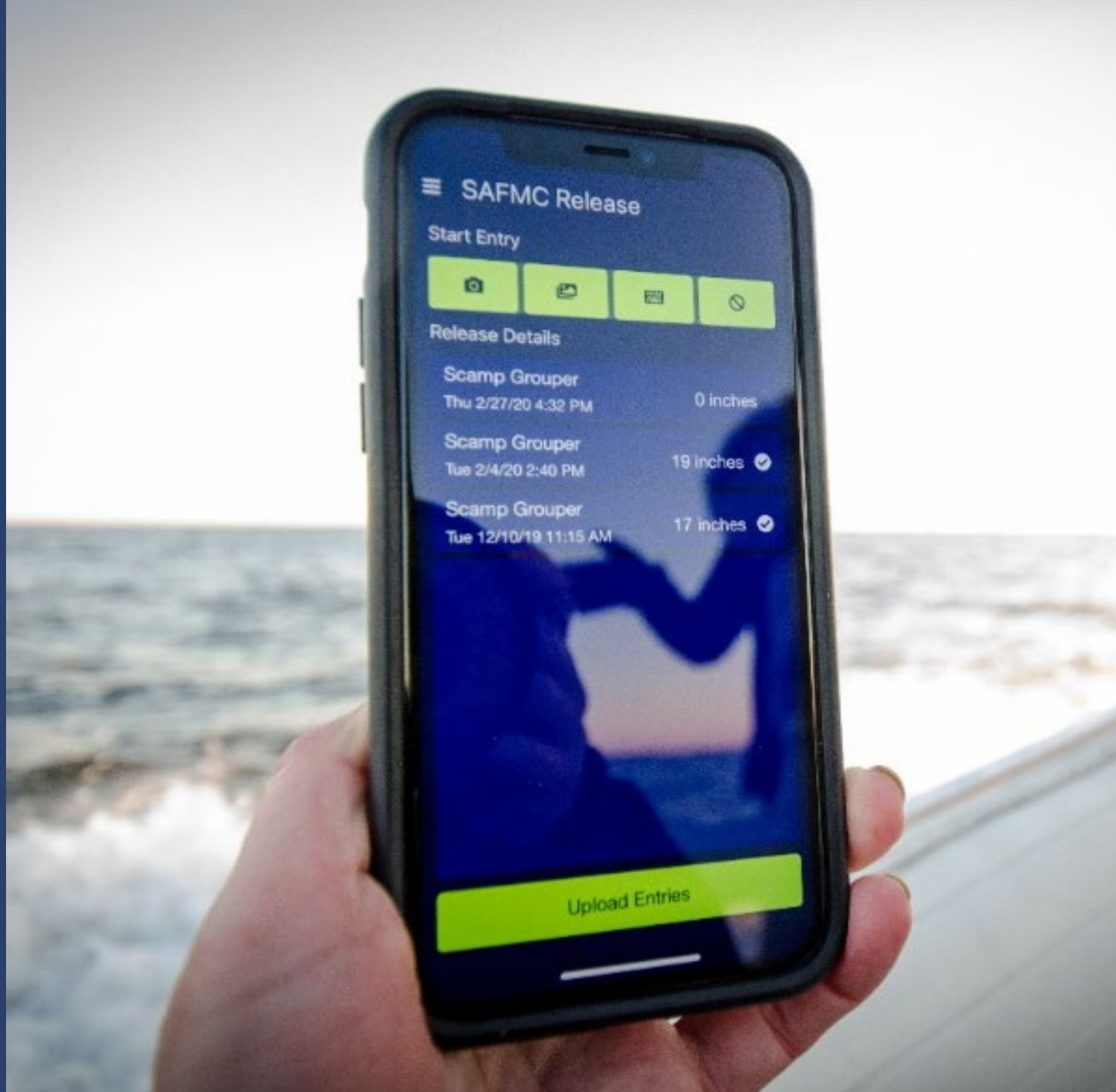


PC: Ami Staples

SAFMC Release

- SAFMC Release has moved to SciFish

- Expansion to shallow water grouper



SAFMC Release

Reel Record Release

- 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

Discussion Questions

- What communication methods have been most successful for you in reaching fishermen?

  Tackle shops
  Influencers or ambassadors
  Others?
  Emails
  Newsletters/Blogs
  Social Media
  Boots on the ground

- Is there a messaging approach that would appeal to fishermen and increase participation in the project without one-on-one discussions?
- How do you maintain contact with fishermen over time?

Keep Up with Projects & the Program!

http://safmc.net/citizen-science-program/

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PC: Don DeMaria