



Citizen Science

Citizen Science Program Update

Snapper Grouper AP
October 2023

Program Activities



CitSci Advisory Groups – Recruiting This Fall!



CitSci Project Idea Portal



CitSci Evaluation & SMILE Project Updates



FISHstory: Gathering New Photos



SAFMC Release Update & Annual Data Summary

Citizen Science Advisory Panels

- Participants members of the [CitSci Pool](#) and/or be a member of another Council AP



Operations Committee

Programmatic guidance

3-5 year terms

Meet 2 times per year

Appointments will be made in

Dec 2023



Projects Advisory Committee

Research priorities, volunteer engagement, etc.

Members of other Council APs

Term dependent on AP tenure

Meet 1 time per year



Ad-hoc Committees

Typically serve as review for program components

Currently no active ad-hoc committees

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Current SG AP representation

Bob Lorenz

Others interested?



Citizen Science Project Idea Portal

- Goal: Develop online form to gather citizen science project ideas from stakeholders
- How will the information be used?
 - Ideas reviewed by Program in May and Oct
 - Compile & consider when citizen science research priorities updated
 - Help connect fishermen and scientists with similar research interests

Initial Program Evaluation Plan

- Gather baseline data on knowledge, attitudes, collaborations, engagement, and trust levels of various stakeholders in three stages:



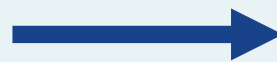
Interviews



Complete: 6 fishermen, 6 scientists, 6 managers



Gather information from broader group



Online survey – scientists & managers
More interviews – fishermen



Implement & analyze results



SMILE Pilot Project

- Partnering with recreational divers to collect length information on data limited species
- Laser mounted Olympus underwater camera
- Field tested in FL Keys – Aug/Sept 2023



OREGON INLET FISHING CENTER



**Citizen
Science**

FISHstory Scanning Events

- Goal: Collect historic fishing photos from across the South Atlantic region from the 1940s – 1980s for the FISHstory project
- Host in collaboration with upcoming Council & Advisory Panel meetings
 - Outreach & Communication AP meeting
 - Mackerel Cobia AP meeting
 - Dolphin Wahoo AP meeting
 - Fall Snapper Grouper AP meeting
 - September & December Council meetings



FISHstory: Photos for Analyses

Photo Description	Good	Better
Photo Type	Picture taken at the end of a trip displaying harvested catch with anglers	Fish hanging on leaderboard
Photo Date	Year	Month & Day
Photo Location	State	City & Dock
Photo Background	Photo provider name & contact	Vessel name & captain name

Exploring other avenues to gather historic photos



HISTORICAL SOCIETIES
AND ORGANIZATIONS



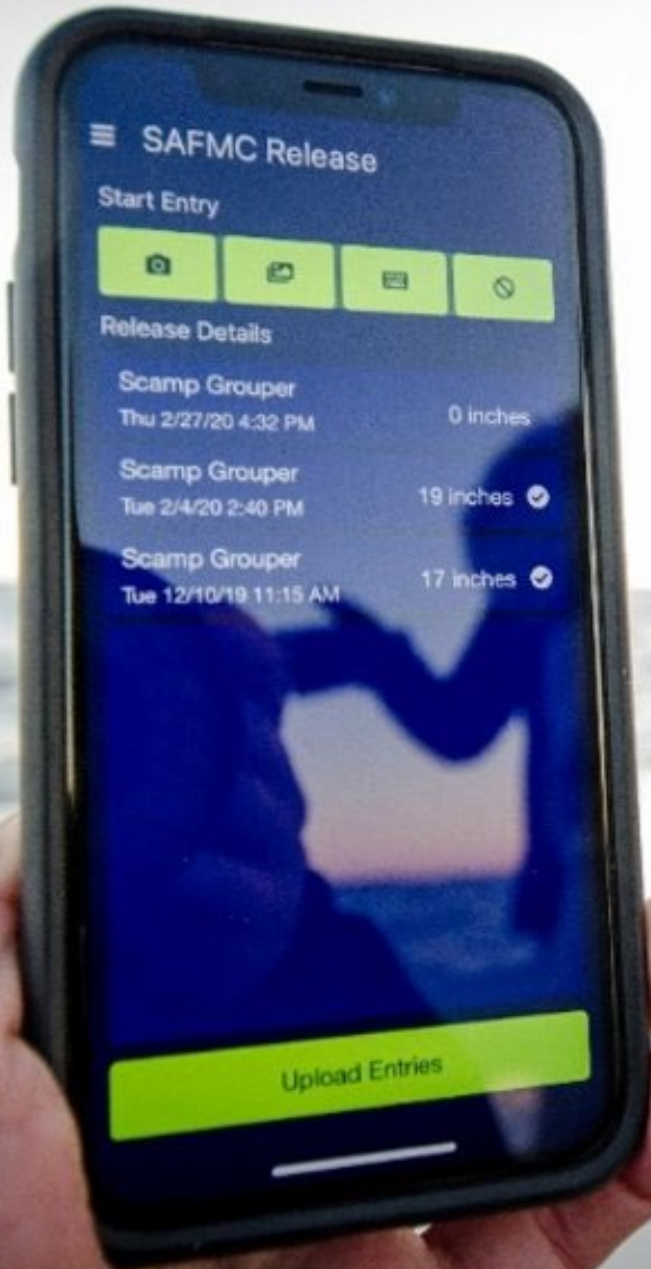
LIBRARIES



RESTAURANTS

Discussion Questions

- We are exploring holding scanning events outside of Council related meetings. Do you have suggestions on where (cities, venues) we could hold events?
- What other avenues should the Council explore to gather additional historic photos?
- Are there individuals or organizations in your area that may be good contacts to gather historic fishing photos?



SAFMC Release



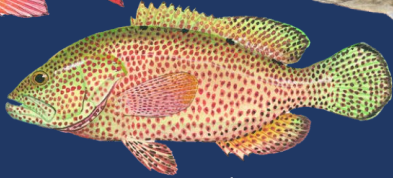
Updates



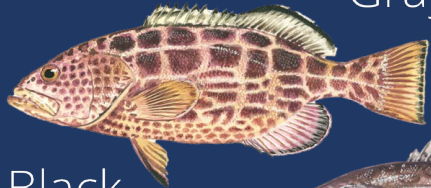
Red Snapper



Scamp



Graysby



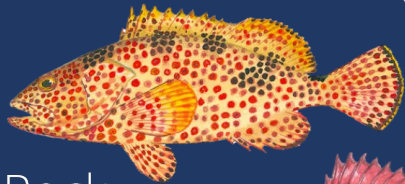
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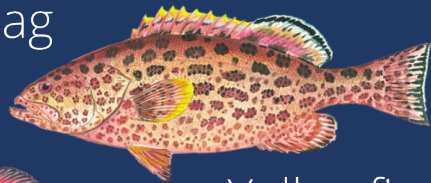
Yellowmouth



Gag



Rock Hind



Yellowfin



Red Hind



Red



Coney

Participants recording released shallow water grouper and Red Snapper in SciFish app

Continued outreach, including collaboration with Best Fishing Practices initiative

Participant Recognition Program (PRP)

2022 Annual Data Summary

Outreach



Partnerships

- FWC email
- BFP (e.g., Pitman Creek mailings)
- Articles



Social media

- Instagram, Facebook, Twitter, LinkedIn



Tackle shop visits

- Each state at least 2x



Seminars & Events

- Haddrell's Fishing Expo
- SCDNR Open House
- ICAST
- JOSFC

Communication with Participants



Newsletters



Thank you emails



Data summary

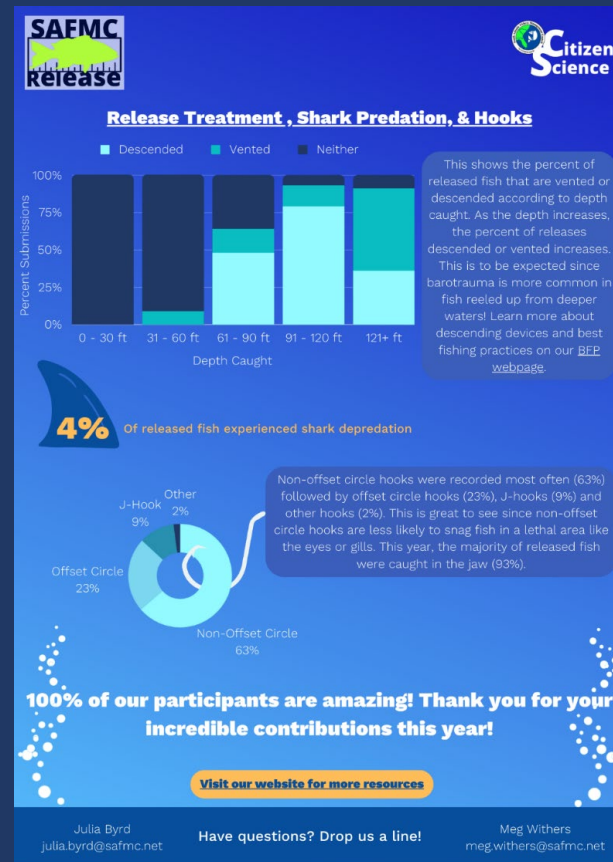
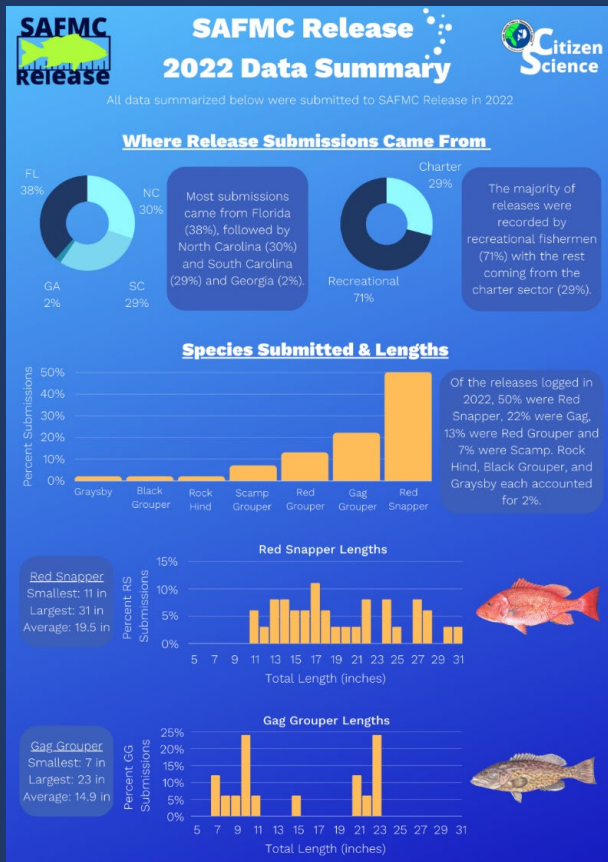


Participant Recognition Program

Milestones

<u>Recognition</u>	First Submission	Five Submissions	Smallest/ Largest	Most Species	Best Photo	Most Submissions
Release Newsletter	✓	✓			✓	✓
Annual Data Summary			✓	✓		
Social Media					✓	✓
SA Bite						✓

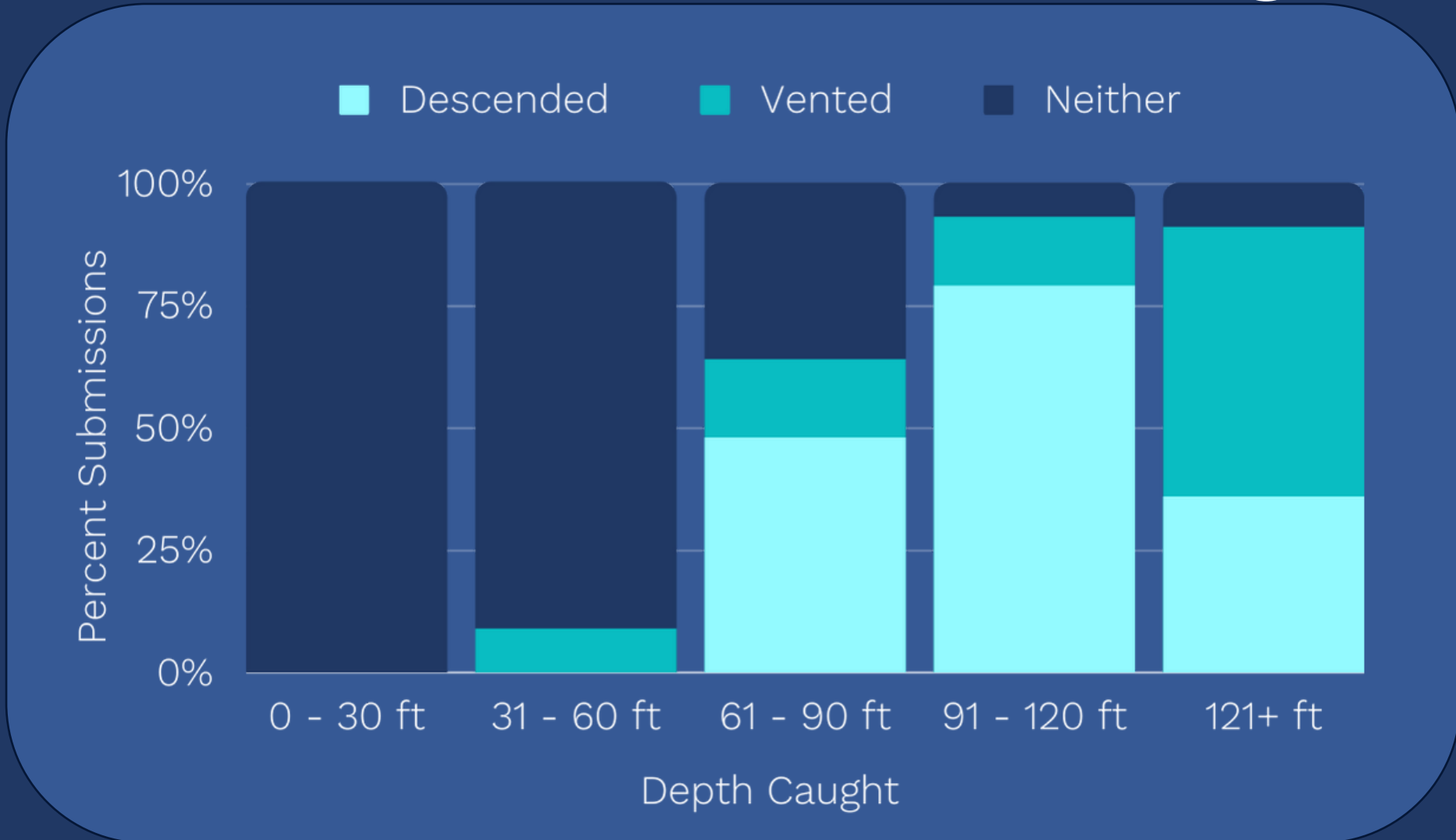
2022 Data Summary



Summary includes:

- Release submissions by state & fishing sector
- Species submitted
- Length compositions
- Release treatment by depth
- Shark depredation
- Hook type & location

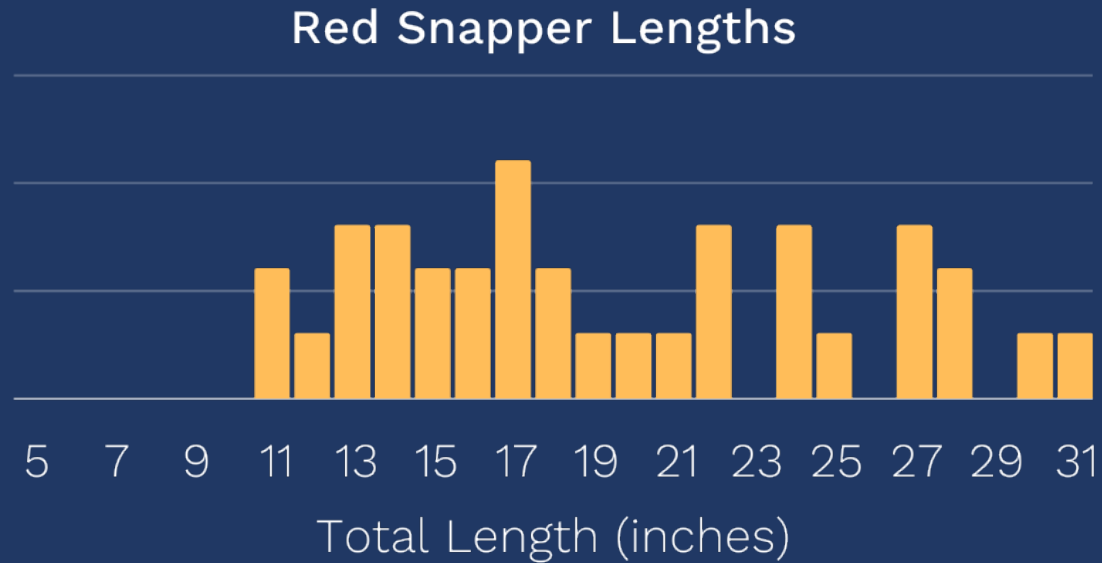
2022 Data Summary



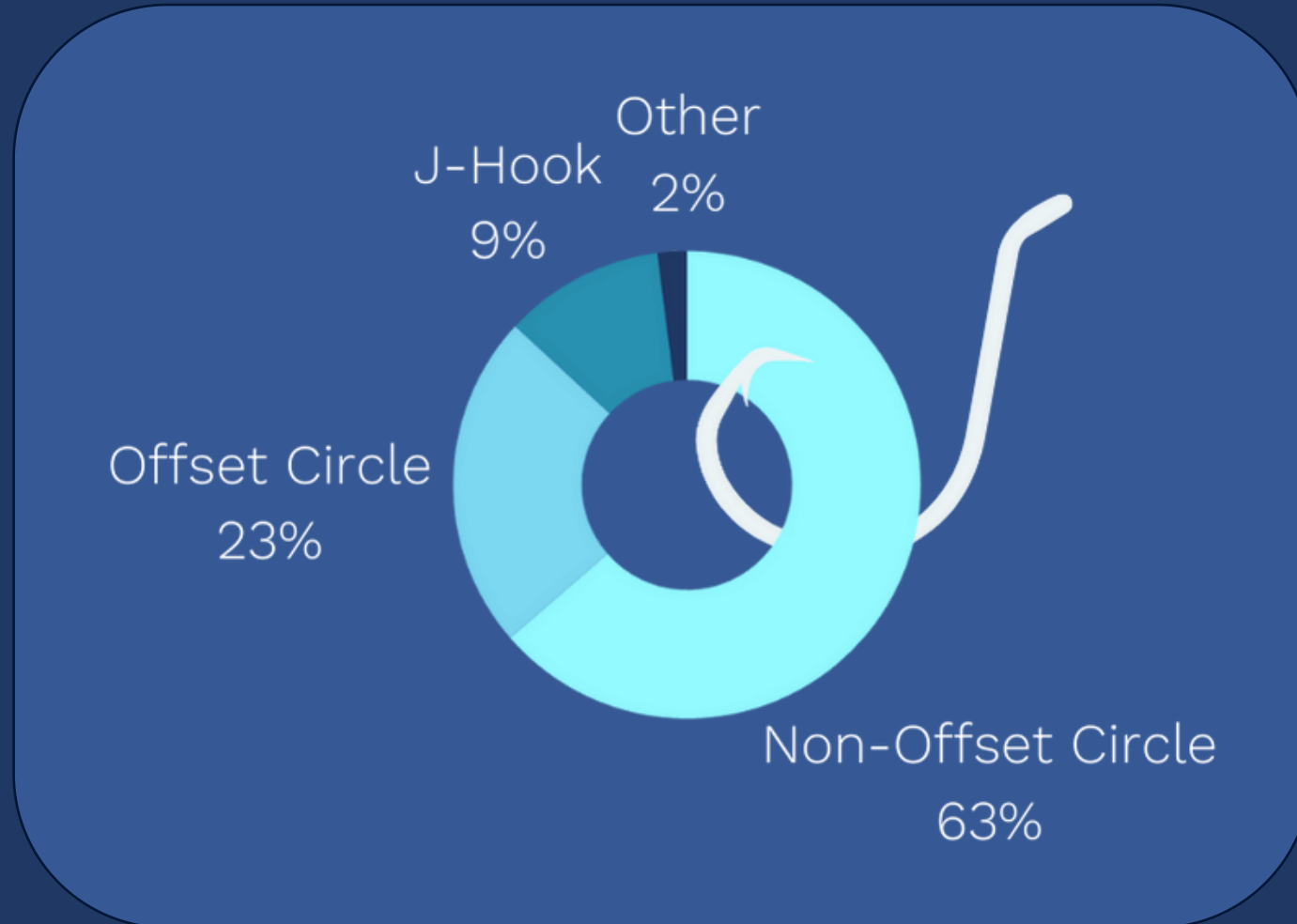
2022 Data Summary

Red Snapper
Smallest: 11 in
Largest: 31 in
Average: 19.5 in

Percent RS
Submissions



2022 Data Summary



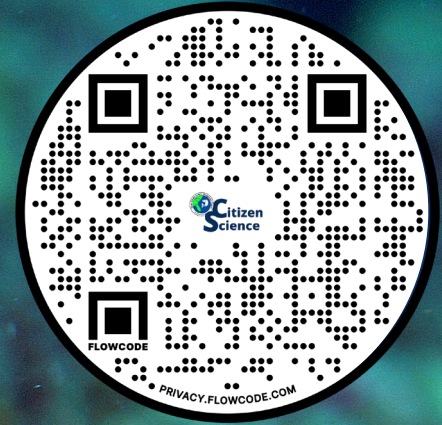
Discussion Questions

Which data features do you think are the most important to share in the annual data summaries?

Are there data features you would add or remove for the 2023 annual data summary?

Keep Up with Projects & the Program!

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



Julia Byrd

CitSci Program Manager

julia.byrd@safmc.net

Meg Withers

CitSci Project Coordinator

meg.withers@safmc.net