

# **SAFMC Citizen Science Action Team Presentation**

Data Management

SAFMC Citizen Science Program  
All-Hands Action Team Meeting  
January 31, 2018

# A-Team Overview

- *Bullet points of the main topical areas you focused on in your work since August*
- Prioritization of Terms of Reference – August, 2017
- ToR 2: Data Management Resources Inventory – Sept., 2017
- ToR 7: Data Standards – Dec., 2017

# Topic #1 – Data Inventory:

survey generated and distributed

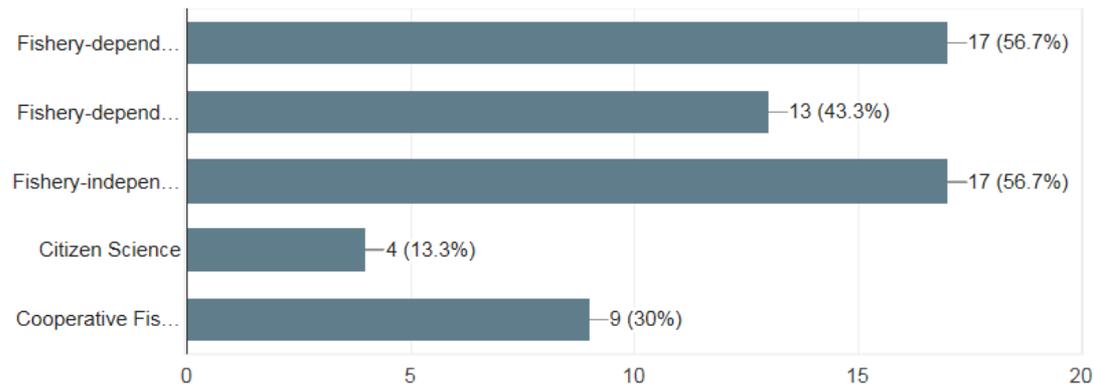
- Google Form
- ~35 respondents
- Most from FD/FI surveys, few CS
- Follow ups for costs estimates by email
- Contacts for data standards and metadata examples
- Focus on project data (not personnel data)

Sample slides are next!

# Survey Types Represented

## 2) What type of projects do you work with?

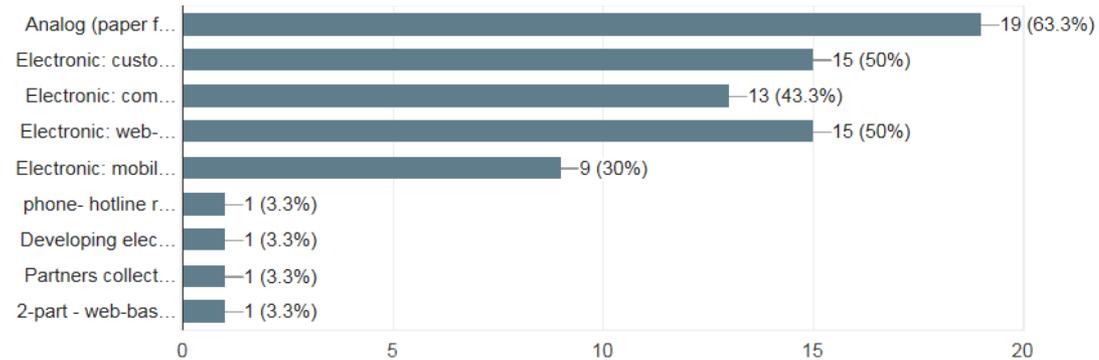
30 responses



# Collection Methods

## 8) How do you typically collect your data?

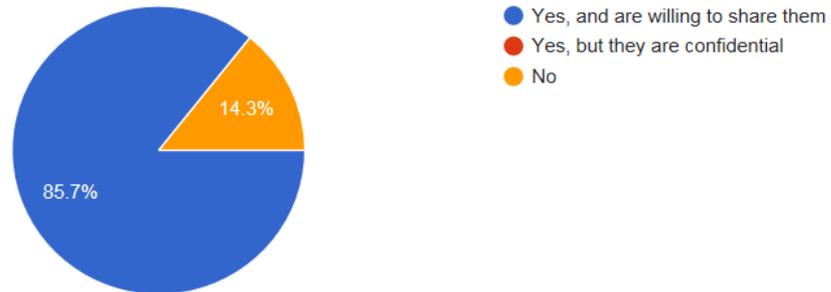
30 responses



# Data Standard Protocols

16) Do you have formal data collection and/or reporting standards?

28 responses



# Survey Summary: Data Provision

- Mostly by request
- Online is split between ACCSP and program's portals
  - Portal software/interface is wide-ranging
- Generally provided as csv or Excel compatible
- Supplemental info provided in a variety of ways

# Topic #1 – Data Inventory:

survey generated and distributed

## Survey Follow-up

- How to deal with data?
  - Searchable Inventory Catalog or Matrix
  - Summary Reference Document
- Key items – bringing everyone to the same page
  - Preferences for storage, format, software
  - Cost estimates for proposal development/review
  - Expected personnel needs

# Topic #2 – Data Standards

- Reviewed existing D.S. for commonalities, useful information
  - ACCSP, SEAMAP, SECOORA
- Developing required sections to be addressed for proposal/program
- Project data
- Framework/skeleton of data collection elements and formatting that programs need to adhere to/plan for?
  - Minimum information to collect (who, where, when, what)
  - Acceptable formats for files (ex. software compatibility)
  - Acceptable formats for data (ex. units)
  - Responsibilities

# Draft Recommendations

- Data Resources Inventory—
  - no specific recommendations?
  - Or recommend to use as a reference for proposal review?
  - Or recommend to use preferences from inventory for projects or data standards?
- Data Standards –
  - Recommend provide programs with standards that need to be addressed? at proposal stage? Program initiation?

# Discussion Questions

- Challenges or additional work needed
  - Need other CS programs to provide some background information. Any suggestions?
  - Validation for data collection mechanisms (i.e., survey question format, app vs phone vs email, etc.)- need more details for current methods
- Areas of overlap to coordinate
  - Data Standards and several ToRs related to types of projects under consideration
  - Data “ownership” related to funding source
  - Personnel data management – privacy, separate standards
- *Feedback on draft recommendations*