

Reporting Florida Sea Grant Applied Research and Outreach



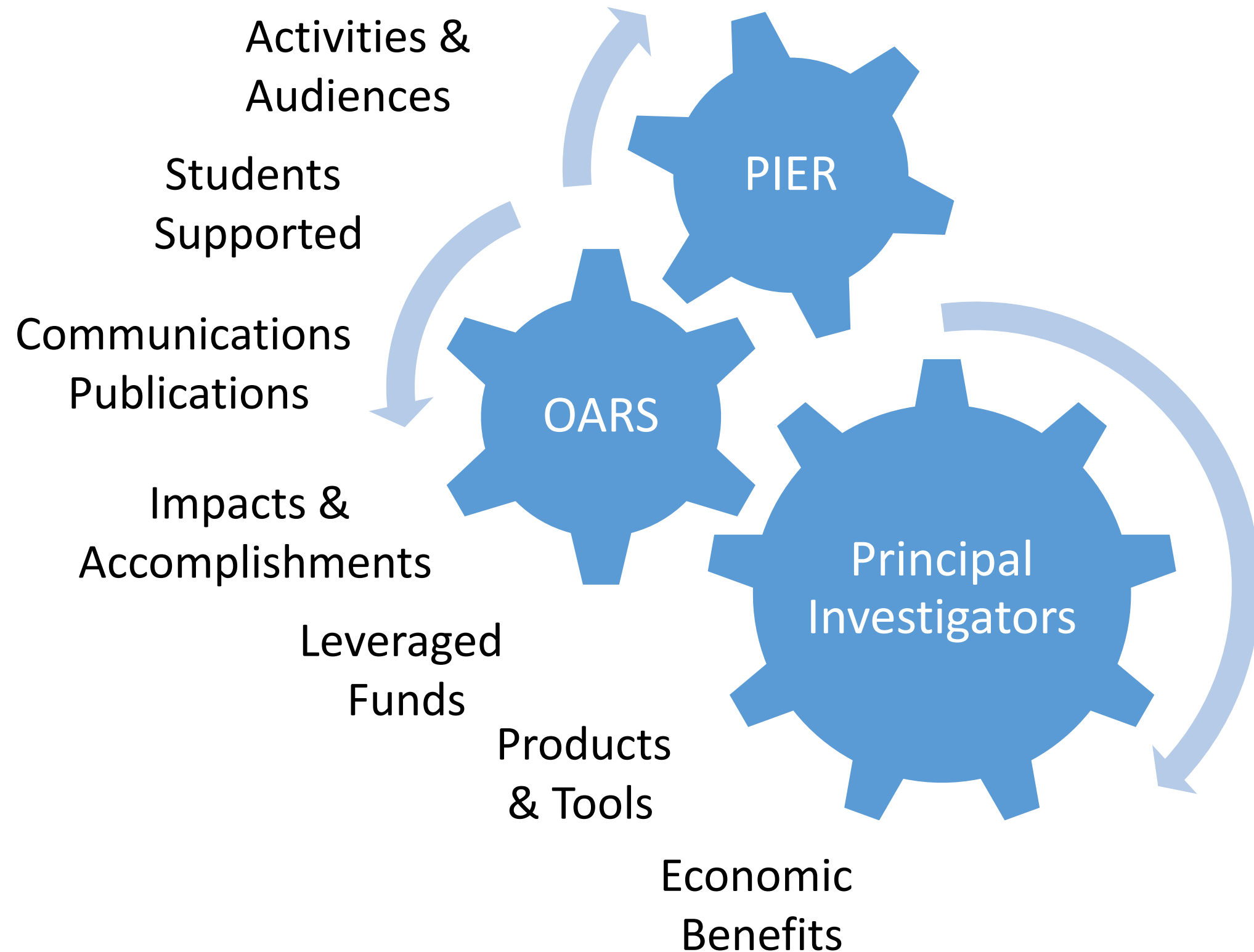
Charles Sidman
Associate Director for Research

Rhett Register
Communications Coordinator

Presentation Topics



1. Reporting Process & Metrics



2. NSGO Reporting Standards

**Justify progress towards
attaining project objectives:**

Description for lay audience

Quantify economic benefits:

Businesses, jobs, estimated
wages

Greater Detail Justifying
& Quantifying Research
Objectives and Outcomes

**Describe how end-users are
engaged and participating**

Their role in achieving technical
objectives and applying results

**Quantify environmental,
management, social benefits:**

Acres enhanced, policy
outcomes, changed behaviors



3. OARS System Overview

Seven Reporting Modules



3. OARS System Overview

Home/Login Page

*Science Serving Florida's Coast*

O.A.R.S. V2.0
Florida Sea Grant
Online Activity Reporting System

Welcome to the Florida Sea Grant Online Activity Reporting System!

Florida Sea Grant-funded researchers use this system to file interim and final project report summaries.

Florida Sea Grant extension specialists and agents use this system to enter and summarize their extension and education events (EEE's).

Note: If you need to reference your research projects dated prior to 2014, please [click here](#)

Please Log In:

Username:

Password:

I am logging in:



☐ as an extension agent or specialist for reporting year: ▼

☒ as a researcher; select year the project began: ▼

- **Password protected**
- **Login options for extension agents and researchers**

3. OARS System Overview

Main Reporting Page

*Science Serving Florida's Coast*

O.A.R.S. V2.0
Florida Sea Grant
Online Activity Reporting System

Home Project Status Objectives Students Supported Leveraged Funding Outreach Activities Communications Products Accomplishments & Impacts

Log Out

Sidman, Charles
Researcher

Project: Test

Type: Interim

Reporting period:
-

Objectives narrative:
Summary word ct: 0

Students supported: 0

Leveraged funding: 0

Outreach events/activities: 0

Communications products: 0

Accomplishments & Impacts: 0

Welcome to the Florida Sea Grant Online Activity Reporting System (O.A.R.S.)

▶ [Help](#)

▶ [Change my password](#)

▶ [Create module reports](#)

▶ [Archive my modules](#)

OARS consists of seven reporting modules (project status, objectives, students supported, leveraged funding, outreach activities, communications products, accomplishments and impacts) accessed as menu options in the banner at the top of this "Home Page." These modules allow researchers, extension specialists, and marine agents affiliated with the FSG to summarize and characterize research-related and/or outreach-related activities, communications products, and accomplishments and impacts.

Please complete **ALL** data entry options provided (as applicable) under each module. This will ensure that all of your activities and accomplishments are accounted for and included in the FSG annual report to the NSGO.



You may log in and out of the OARS data entry modules as many times as you like. Just click the 'SAVE' button to save your progress prior to leaving a reporting module.

Most importantly, Florida Sea Grant will review the information submitted by researchers and reserves the right to withhold funding until reporting is satisfactory. OARS project summaries satisfy technical reporting requirements.

University of Florida | Bldg 803 McCarty Drive | PO Box 110400 | Gainesville, FL 32611-0400
(352) 392- 5870 - SUNCOM 622-5870 | (352) 392-5113 (fax) | [Finding Florida Sea Grant](#) | | Email: [Jackie Whitehouse](#)

3. OARS System Overview

Project Status Module

*Science Serving Florida's Coast*

O.A.R.S. V2.0
Florida Sea Grant
Online Activity Reporting System

[Home](#) [Project Status](#) [Objectives](#) [Students Supported](#) [Leveraged Funding](#) [Outreach Activities](#) [Communications Products](#) [Accomplishments & Impacts](#) [Log Out](#)

Sidman, Charles
Researcher

Project: Test

Type: Interim

Reporting period:
-

Objectives narrative:
Summary word ct: 0

Students supported: 0

Leveraged funding: 0

Outreach events/activities: 0

Communications products: 0

Accomplishments & Impacts: 0

Research Project Status

This module allows you to indicate the status of your research project report.

Project Number:

Test

Project Title:

Test Project for Charles

Project Dates:

01/01/2020 to 12/31/2022

Investigators:

Sidman, Charles UF

Type of Report:

Interim

Indicate if the report is Interim or Final. An interim report is the only report required until the end of the project and it covers the most recent 12 months of the project. A Final report covers the entire life of the project and serves as the executive summary for the project.

Note: When selecting the "final" project report option the system will automatically generate an archive of the interim report and allow you to finalize the information contained in your interim report.

Reporting Period:

Indicate the time period covered for the report (e.g. the entire life of the project for final report). If this is a final report see research project status above for the project duration.

From:

February

1

2020

To:

January

31

2021

Save

Cancel



Interim vs Final Report

Set Reporting Period

Reporting Summary

3. OARS System Overview

Objectives Module

*Science Serving Florida's Coast*

O.A.R.S. V2.0
Florida Sea Grant
Online Activity Reporting System

[Home](#) [Project Status](#) [Objectives](#) [Students Supported](#) [Leveraged Funding](#) [Outreach Activities](#) [Communications Products](#) [Accomplishments & Impacts](#) [Log Out](#)

Sidman, Charles
Researcher

Project: Test

Type: Interim

Reporting period:
-

Objectives narrative:
Summary word ct: 0

Students supported: 0

Leveraged funding: 0

Outreach events/activities: 0

Communications products: 0

Accomplishments & Impacts: 0

Attainment of Research Project Objectives (1 of 2)
Summarize Project Results

Please use the text box below to summarize your project results to date related to each objective. The project results summary is limited to 2,500 words, so project statements should be informative yet concise.

Note: While it is important to be informative, please try to complete the sections of the summary report in language that a lay person can understand. Please refer to the information icon for instructions on how to complete this reporting requirement.

Summary: (word count: 0)

Information icon provides examples of how to report progress towards meeting proposed research objectives.

Summarize Project Results

This reporting module will allow you to summarize your project results to date. This will include a description of how you are achieving (if interim report) or have achieved (if final report) each of the technical objectives stated in your proposal.

Report the success of meeting each objective identified in the proposal, as initially approved or later modified. For each objective: 1) state the objective, 2) describe the degree to which it has been met, and 3) describe the technical findings and conclusion in a paragraph or two.

This language should be informative, not just indicative (i.e., don't say "a new process was developed," but rather "the XYZ method increases productivity by 20%"). A sample statement might begin, "Objective 1 -- To increase survival of juvenile...by 50%. This objective has been met. Survival of...was increased 67% by altering culture tanks in the following way..." For a project in process, indicate the approximate percentage of completion of each objective.

If an objective was not 100% complete at the end of a project, indicate why.

Save

Cancel

3. OARS System Overview

Students Supported Module

Objectives **Students Supported** Leveraged Funding Outreach Activities Communications Pro

- ▶ Add project supported student
- ▶ View existing project supported students

Add Project Supported Student

Please complete the following form for each student supported by your research project (e.g., research assistantship).

Name:

Institution:

Department:

Major Professor:

Status:

Anticipated Graduation Date: ,

Thesis Title:

Student's email:

New or Continuing?:

Graduation Status:

If the student has graduated, which Degree was conferred?

Please complete the following if your Florida Sea Grant project-supported student graduated during the reporting period:

Current employer:

Job title or area of specialization:

Adding Students

View and Edit Student Information

Project Supported Students


[Export entries to Excel](#)

The information has been saved.

Name	Institution	Department	Options
Charles Sidman	UF	Florida Sea Grant	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Tip: Save each entry prior to navigating to another reporting module.

Leveraged Funding Module

Science Serving Florida's Coast

O.A.R.S. V2.0
Florida Sea Grant
Online Activity Reporting System

[Home](#)
[Project Status](#)
[Objectives](#)
[Students Supported](#)
[Leveraged Funding](#)
[Outreach Activities](#)
[Communications Products](#)
[Accomplishments & Impacts](#)
[Log Out](#)

Sidman, Charles
Researcher

Project: Test

Type: Interim

Reporting period:
-

Objectives narrative:
Summary word ct: 0

Students supported: 1

Leveraged funding: 1

Outreach events/activities: 1

Communications products: 1

Accomplishments & Impacts: 0

Add extramural funding
View existing extramural funding

New Leveraged Funding Based on the Project

Please list the title, funding amount, duration and primary sponsor of all grants and contracts that were secured as a follow-up or adjunct to this Sea Grant project. The intent is to determine activity in leveraging Sea Grant support to obtain additional funding. You need not report grants and contracts that are not linked to the Sea Grant project in some way.

Title:

Funding Amount:

Project Completion Date:

January

15

2020

Project Sponsor:

Save

Save and Add Another

Cancel

Tip: New funding related to FSG supported research

View & Edit Leveraged Funds


Title	Funding Amount	Project Completion Date	Options
Governance of FAD fisheries in the Caribbean.	100000	01/15/2022	<div>Edit</div> <div>Delete</div>

Add new Extramural Funding

3. OARS System Overview

Outreach Activities Module

Sea Grant
Florida

Science Serving Florida's Coast

[Home](#) [Project Status](#) [Objectives](#) [Students Supported](#) [Leveraged Funding](#) [Outreach Activities](#) [Communications](#) [Products](#) [Accomplishments & Impacts](#)

Sidman, Charles
Researcher

Project: Test

Type: Interim

Reporting period:
-

Objectives narrative:
Summary word ct: 0

Students supported: 1

Leveraged funding: 1

Outreach events/activities: 1

Communications products: 1


Accomplishments & Impacts: 0


▶ Add new event or activity

▶ View existing events or activities

Outreach Events and Activities

Please list only Sea Grant relevant events and activities that you helped to organize or that you actively participated in. You need not report events or activities that you just observed or attended.

1. Please enter a very brief description of the event or activity related to your outreach or research project. 

2. Select the Florida Sea Grant program focus area which best fits your event or activity. 

☐ Healthy Oceans and Coasts

☐ Sustainable Coastal Communities & Economies

☐ Safe & Sustainable Seafood


☐ Hazard-Resilient & Climate Ready Coasts

☐ Education and Workforce Development

3. Select the option that best describes the type of event or outreach activity, and estimate the number of hours you devoted to developing, organizing and/or participating in the activity or event:

Event or Outreach activity:

Angling/Fishing Program



Estimate the number of hours you devoted to developing, organizing and/or participating in the event or activity:

0

4. Estimate the number of people in attendance for your event or activity.

Formal Teachers/Educators (K-12):

0

Students reached in classroom or class trip:

0

 Associate with Formal Teachers/Educators (K-12) option.

General Public:

0

 Select for mass-media and l

Industry:

0

 Aquaculture, seafood, comm

Informal Teachers/Educators:

0

 Includes extension faculty.

Legal Professionals:

0

City/County Government:

0

 Includes non-legal staff.

Elected/Appointed Officials:

0

 Includes staff of elected and

Resource Users - Adults:

0

 Informal education such as t

Resource Users - Youth:

0

 Informal education program

Regional/State/Federal Government:

0

 Includes DCA, DACS, DEP,

Scientific Academic:

0

Total: 0

Outreach Events and Activities

[Export entries to Excel](#)

Activity/Event Date	Description	Options	Info
January 2020	FAD Fisher Workshop	<div><div>Edit</div><div>Copy</div><div>Delete</div><div>Share</div></div>	

Add a new Outreach event or activity

Add Entries and Describe Activities

View and Edit Entries

3. OARS System Overview

Communications Module

Home

Project Status

Objectives

Students Supported

Leveraged Funding

Outreach Activities

Communications Products

Accomplishments & Impacts

Log Out

Sidman, Charles

Researcher

Project: Test

Type: Interim

Reporting period:

-

Objectives narrative:

Summary word ct: 0

Students supported: 1

Leveraged funding: 1

Outreach events/activities: 1

Communications products: 1

Accomplishments & Impacts: 0

Communications Products

This reporting module allows you to list communications products that result from your research project or extension programming. Do not include publications that you reported on for a previous report unless the publication status has changed (i.e. In Prep to In Press). Remember that you can use the "View Existing Communications Products" option to update the status publications that you entered in an earlier report.

You must either provide the URL for your document or email a copy of your communication publications to Florida Sea Grant (Jackie Whitehouse, jhw04@ufl.edu) because we must submit books, curricula, journal articles, and theses and dissertations to the National Sea Grant Library.

1. Please select from the following menu option that best describes your communications product:

Book

2. Provide a citation for the communications product related to your project.

The citation should include the following information: Author or authors (primary author is always listed first); date; title; if applicable, Journal Name, volume, number; Florida Sea Grant publication number.

3. Select the option that best describes the status of your communications product:

In Preparation

Save Save and Add Another Cancel

Add Entries

Tip: Use 'View' option to edit/update the status of publications (e.g., in preparation to published).

Communications Products

[Export entries to Excel](#)

View and Edit Entries


Citation	Type	Status	
Montes N., Sidman, C., Lorenzen, K., Tamura, M., and Ishida, M. 2019. Influence of Fish Aggregating...	Journal article, books chapter - peer reviewed	Published	<div>EditDelete</div>

Add a new Communications Product

3. OARS System Overview

Accomplishments and Impacts Module

Sea Grant
Florida



Science Serving Florida's Coast

O.A.R.S. V2.0
Florida Sea Grant
Online Activity Reporting System

Home Outreach Activities Communications Products **Accomplishments & Impacts** Log Out

Abeels, Holly
Extension
Agent/Specialist

Reporting year:
2014

Outreach
events/activities:
59

Funding sources:
0

Communications
products: 1

Accomplishments
&
Impacts: 2

Programmatic Accomplishments & Impacts

Please characterize and summarize in language that a lay audience can understand the accomplishments or impacts that have resulted from your research project or programming.

Please refer to the information icons for a definition of accomplishment and an impact; and for specific instructions on how to characterize outcomes and write effective accomplishment and impact statements.

1. Accomplishment or Impact Title:
Brevard Oyster PIRL Workshop

2. Please characterize the accomplishment or impact resulting from your research project or extension programs. Check as many options as you feel are relevant. You will note that some options require a quantity to be estimated.

☒ Habitats Enhanced:

0.11 (acres)

☐ Policy, Information, Model or Tool Developed:

(number of agencies receiving/using)

(number of communities receiving/using)

(number of practitioners receiving/using)

☐ Businesses Created/Sustained:

(created)

(sustained)

☐ Jobs Created/Sustained:

(created)

(sustained)

☐ Estimated Economic Benefits:

\$ (dollar amount)

☐ Improved Products, Processes or Standards:

(number of practitioners receiving/using)

☐ Workforce Development Training:

(number of practitioners receiving/using)

☒ Coastal & Marine Literacy Enhanced:

1017 (number of people)

☒ Accomplishment
☐ Impact

4. Please briefly describe the "relevance", "response", and "result" of the accomplishment or impact. Responses for each of these statements are limited to 200 words, so please be concise.

4a. Relevance: (word count: 69)
The Indian River Lagoon (IRL) has undergone many changes the past couple of years with increases in amount and length in time of algae blooms; dieoffs of manatees, dolphins, and pelicans; and seagrass loss due to the algae blooms. There has been a large coalition of groups, businesses, and citizens in Brevard County all wanting to help and restore the IRL and researchers wanting to determine what went wrong.

4b. Response: (word count: 177)
The Brevard Zoo, Brevard County Natural Resources Management Department, and UF/IFAS Extension Brevard County partnered to create and launch the Brevard County Oyster Gardening program in order to address concerns of decreasing water quality, increases in algae blooms, and decreases in seagrass density in the IRL. Oysters were once abundant in the IRL and, because of their importance in estuarine ecosystems, this program seeks to restore oysters to the IRL while engaging the citizens of Brevard.

4c. Results: (word count: 195)
Twenty-five workshops were conducted between January and December 2014. Over 1000 residents have been trained, and approximately 840 gardening sites established. Participants in workshops increased their knowledge of the (1) importance, threats and biology of oysters; (2) various other projects throughout the county helping to clean up the IRL; and (3) how to be an oyster gardener and expectations of a gardener. Gardeners returned their oysters on Nov 8-10, 2014 at three reef restoration sites in Brevard County. It was

5. Please identify up to three project partners, if applicable, who contributed to your accomplishment or impact. Project partners can include government agencies, NGOs, businesses or organized groups, but not individuals.

a. Brevard County Natural Resources Management Department

b. Brevard Zoo

c. University of Central Florida

Relevance

Response



Results

Partners

NSGO Impact Types

3. OARS System Overview

Accomplishments and Impacts Module

Science Serving Florida's Coast

O.A.R.S. V2.0
Florida Sea Grant
Online Activity Reporting System

[Home](#)
[Project Status](#)
[Objectives](#)
[Students Supported](#)
[Leveraged Funding](#)
[Outreach Activities](#)
[Communications Products](#)

Accomplishments & Impacts

[Log Out](#)

Sturmer, Leslie
Researcher

Project: R-LR-A-53

Type: Final

Reporting period:
09/01/2015 - 01/31/2019

Objectives narrative:
Summary word ct: 9786

Students supported: 2

Leveraged funding: 4

Outreach events/activities: 16

Communications products: 3

Accomplishments & Impacts: 7

Programmatic Accomplishments & Impacts

[Export entries to Excel](#)

Title	Date Entered	Options	Info
Application of Triploidy to an Emergent FL Oyster Aquaculture Industry	02/03/2019	Edit Delete Share	
Evaluation of Management Practices for Off-Bottom Oyster Culture	02/03/2019	Edit Delete Share	
Evaluation of Triploidy by Oyster Growers along Florida's West Coast	02/03/2019	Edit Delete Share	
Health Assessment of Cultured Oysters along Florida's West Coast	02/02/2019	Edit Delete Share	
Information Exchange for Oyster Growers along Florida's West Coast	02/25/2017	Edit Delete Share	
Oyster FARM (Financial And Risk Model) Calculator	02/02/2019	Edit Delete Share	
Sensory Characteristics of Cultured Florida Oysters	02/02/2019	Edit Delete Share	

[Add a new outcome or impact](#)

1. Accomplishment or Impact Title:
Oyster FARM (Financial And Risk Model) Calculator

2. Please characterize the accomplishment or impact resulting from your research project or extension programs. Check as many options as apply. Note that some options require a quantity to be estimated.

☐ Habitats Enhanced: (acres)

☒ Policy, Information, Model or Tool Developed: (number of agencies receiving/using)

(number of communities receiving/using)

100 (number of practitioners receiving/using)

4a. Relevance: (word count: 76)

Risk in oyster farming, as in all agriculture and aquaculture production, is any event that a grower cannot control but affects the grower's operation. However, various types of risk can be forecasted based on historical events and trends. To understand the risks associated with off-bottom oyster aquaculture, information on the financial characteristics of operating an oyster farm on the west coast of Florida was documented in order to assess the effects of risk on farm profitability.

4b. Response: (word count: 135)

Information on the costs of operating an oyster farm was obtained from ten growers participating in the demonstration project. Three of these farmers were interviewed to provide greater background information to estimate the effects various risks may have on their farms. Using this information, an oyster farm budget model was simulated over a five-year planning period incorporating effects of normal risk. Estimates of oyster production and profitability for a range of environmental and economic risk scenarios were then generated. To do so, long-term

4c. Results: (word count: 143)

A financial and risk assessment tool, Oyster Financial And Risk Model Calculator, was developed using these findings. The Microsoft Excel spreadsheet allows oyster growers to generate predictive costs and revenues for their individual farms and investment situation. The Calculator can be accessed at the website, Online Resource Guide for Shellfish Aquaculture, <http://shellfish.ifas.ufl.edu/news/oyster-farm-financial-and-risk-model-calculator/>. Financial findings are illustrated using a fan graph and stoplight chart, which determines the

5. Please identify up to three project partners, if applicable, who contributed to your accomplishment or impact. List the names of the businesses or organized groups, but not individuals.

a. North Florida Aquaculture

b. Gulf Shellfish Aquaculture Group

c. Oyster Boss LLC

Viewing Impacts

Editing Impacts

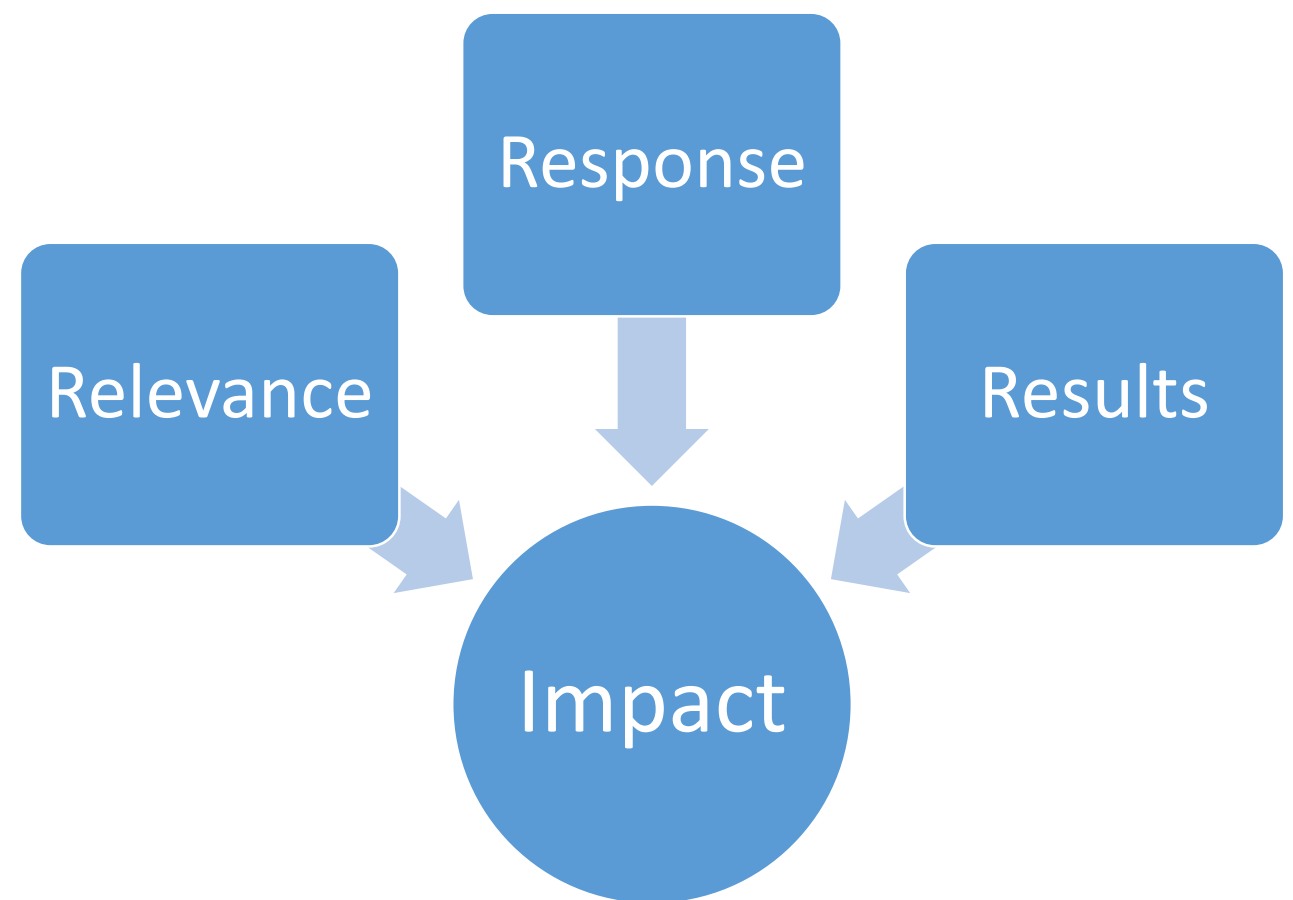
TIP: for maximum impact it may be advantageous to combine outputs from a set of coordinated activities into a single accomplishment or impact statement.

4. Tips for Reporting Progress Towards Attaining Technical Objectives for Research Projects

- Describe the extent of project progress made towards meeting each objective (e.g., Objective 1 is 50% completed).
- Describe the rationale, methods and challenges related to the implementation of each project objective.
- Descriptions should be concise yet provide sufficient detail to allow Florida Sea Grant to evaluate progress made relative to the two-year project time-frame and requested invoicing / reimbursement. Reimbursement will now be contingent on proper reporting and adequate accounting of the required cost share.
- Descriptions should be written in terms that a lay audience can understand and allow us to easily follow the progress of the project towards attainment of each objective and assess the degree to which challenges are being addressed/overcome.

4. Tips for Reporting Project Outcomes

- Should be developed in the context of proposed research or outreach objectives and related to metrics defined by the National Sea Grant Office.
- Outcomes can describe either an accomplishment or an impact, also defined as a “success story.”
 - **Accomplishment:** Attainment of specific project objectives.
 - **Impact:** How the end-user is applying the products, tools or information in decision-making.



4. Types of Research and Outreach Program Outcomes

NSGO Metrics

- Jobs created/sustained
- Businesses created/sustained
- Economic benefit
- Management tool/policy developed
- Management decision made
- Habitats enhanced (e.g., Acres)
- Behavior change
- Workforce development training

Definitions

Accomplishment: Specific action, activity or product resulting from a research project or extension programming.

Impact: Verifiable societal, environmental and /or economic benefit that results from a significant activity or group of related activities.

Please do not report awards and prizes as accomplishments or impacts.

TIP: Not a paper, a conference presentation, a student supported, an award received.

TIP: It may be necessary to confer with project partners and end-users while developing accomplishment and/or impact statements.

5. Impact Critique

Relevance: Describe and quantify the issue.

Expansive Florida Bay, like many coastal environments around the world, has been degraded by harmful algal blooms, emerging diseases and over-harvesting of resources. The bay's native sponges that are keystone species for improving water quality and providing habitat for commercially valuable fish and shellfish have been especially hard hit. Restoration of hard-bottom sponge community is an essential component of a plan being developed by the Florida Fish and Wildlife Conservation Commission for bringing back the bay's ecological function, but measuring restoration effectiveness has been elusive.

Observation

- Relevance statement oriented towards addressing an important management need in Florida Bay.

5. Impact Critique

Response: Describe what you did you do to address the issue and with what partners.

Researchers used a grid of 10 acres of sponge communities they had grown in previous research, laid out over five study sites in the Middle Florida Keys. Each site consisted of 20 restoration plots measuring 25 x 25 meters. Twice yearly at each of the five sites, divers used techniques including time-lapse video and stable isotope analysis to survey the abundance and diversity of the community's inhabitants, and to better understand the developing food web. The monitoring was done in partnership with the Florida Fish and Wildlife Conservation Commission, which provided equipment and laboratory resources to support the diving operations and data analysis.

Observation

- Description of how research was conducted and the role of a key partner.

5. Impact Critique

Results: Describe and quantify the results.

Plots show a statistically significant increase in many organisms associated with hard-bottom coastal habitats, but missing from non-restored sites. Concentrations of nitrogen-based nutrients in the water column have also decreased, especially for sites restored with the highest quantity and diversity of sponge species. In all, approximately 10 acres of hard-bottom community have been enhanced, highlighting the value of restoring sponge community diversity and abundance. The Florida Fish and Wildlife Conservation is using this information as part of a plan to improve water quality and species diversification in Florida Bay.

Observation

- Results quantified in terms of habitat enhancement and role in developing a management plan for the bay.

5. Impact Critique: Elements of a Strong Impact Statement

Relevance

- Orient statement towards a end-user issue
- Quantify the issue or magnitude of the issue in social, environmental or economic terms.

Response

- Describe project activities
- Identify target audiences
- Identify metrics for measuring success
- Identify partners and describe their role

Results

- Quantify social, environmental or economic benefits according to NSGO success metrics.
- Include testimonials from end-users to support outcomes.

Thank You!