



# ELWD and EBM Products Reporting

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# Attribution

- To report results of program activities through performance measures and metrics, Sea Grant's involvement should be one of leadership or provision of a service (planning, financial, personnel, or research accomplishments) that would likely be described by stakeholders and partners as essential for the project's ultimate success.
- When a program has a support or non-essential role in a project, the impacts or accomplishments of the project should be described in narrative form in the annual report but not reported in performance measures and metrics.

# Reporting on Performance Measures and Metrics

Context for reporting:

- The national performance measures/metrics may not reflect priorities of any particular program or state.
- National performance measures/metrics do not encompass all of Sea Grant's efforts, but instead indicate a subset of efforts in each national focus area or are cross-cutting.
- Program achievements – regardless of whether captured by the national performance measures/metrics – should be reported in narrative format as impacts and/or accomplishments to highlight the achievements of each Sea Grant program.

# Sea Grant Strategic Focus Areas



## Healthy

Coastal  
Ecosystems

**Resilient**  
Communities  
and  
Economies



## Sustainable

Fisheries  
and  
Aquaculture

## Environmental

Literacy and  
Workforce  
Development



# Reporting on Performance Measures

Detailed information is needed for the measures listed below. The NSGO is required to provide detailed information on all of these measures to NOAA, DOC, and OMB.

- Number of communities that implemented hazard resiliency practices to prepare for, respond to or minimize coastal hazardous events as a result of Sea Grant activities.
- Number of Sea Grant tools, technologies and information services that are used by our partners/customers to improve ecosystem -based management.
- Number of Sea Grant products that are used to advance environmental literacy and workforce development.
- Economic (market and non-market; jobs and businesses created or sustained) impacts derived from Sea Grant activities.

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## Performance Measures Reporting

Measure your progress toward your Strategic Plan and the Sea Grant network's progress toward the National Strategic Plan.

(Select a Program) ▾

Annual Report Year:

Click [here](#) to open the pdf of National Performance Measure and Metric Definitions.

### National Performance Measures - Summary of Detailed Information

Calculated from the detailed sub page [Economic Benefits](#), [Sea Grant Products Developed and Used](#), and [Hazard Resiliency Training](#)

National Focus Area	Description	National Target (Annualized)	Yearly Actual
ELWD	Number of Sea Grant products that are used to advance environmental literacy and workforce development.	406	
RCE	Number of communities that implemented hazard resiliency practices to prepare for, respond to or minimize coastal hazardous events as a result of Sea Grant activities.	205	
X	Businesses created as a result Sea Grant activities.	40	
X	Businesses sustained as a result Sea Grant activities.	620	
X	Economic (market and non-market) impacts derived from Sea Grant activities.	81,590,500	
X	Jobs created as a result Sea Grant activities.	259	
X	Jobs sustained as a result Sea Grant activities.	3,080	
X	Number of Sea Grant tools, technologies and information services that are used by our partners/customers to improve ecosystem-based management.	250	
X	OPTIONAL: Patents derived from Sea Grant activities.	10	

### National Performance Measures - General

Edit directly in the table below.

National Focus Area	Description	National Target (Annualized)	Yearly Actual	Comment	User	Update Time
<a href="#">Edit</a> SFA	Number of fishermen, seafood processors and aquaculture industry personnel who modify their practices using knowledge gained in fisheries sustainability and seafood safety as a result of Sea Grant activities.	6,295			SUSAN.HOLMES	
<a href="#">Edit</a> RCE	Number of communities that implemented sustainable economic and environmental development practices and policies (e.g., land-use planning, working waterfronts, energy efficiency, climate change planning, smart growth measures, green infrastructure) as a result of Sea Grant activities.	335			SUSAN.HOLMES	
<a href="#">Edit</a> HCE	Number of acres of coastal habitat protected, enhanced or restored as a result of Sea Grant activities.	497,445			SUSAN.HOLMES	
<a href="#">Edit</a> HCE	Number of resource managers who use ecosystem-based approaches in the management of land, water, and living resources as a result of Sea Grant activities.				SUSAN.HOLMES	
<a href="#">Edit</a> ELWD	Number of people engaged in Sea Grant supported informal education programs.	1,160,959			SUSAN.HOLMES	
<a href="#">Edit</a> ELWD	Number of Sea Grant-supported graduates who become employed in a career related to their degree within two years of graduation.	177			SUSAN.HOLMES	

### Program Performance Measures

Program specific measures derived from the Program Strategic Plan. Edit in the table below.

(No Data)

# Two Measures of Focus in this Session

## ELWD Focus Area

- Number of Sea Grant products that are used to advance environmental literacy and workforce development (ELWD).

## Cross-Cutting Focus Areas

- Number of Sea Grant tools, technologies and information services that are used by our partners/customers to improve ecosystem-based management.





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## Performance Measures Reporting

Measure your progress toward your Strategic Plan and the Sea Grant network's progress toward the National Strategic Plan.

(Select a Program)

Annual Report Year:

### National Performance Measures - Summary of Detailed Information

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National Focus Area	Description	National Target (Annualized)	Yearly Actual
HCE	Number of tools, technologies, and information services that are used by NOAA partners/customers to improve ecosystem-based management	25	
HRCC	Number of coastal communities that have adopted or implemented hazard resiliency practices to prepare for and respond to/minimize coastal hazardous events.	84	
OTHER	Business retained - Economic (market and non-market) benefits derived from Sea Grant activities.		
OTHER	Businesses created - Economic (market and non-market) benefits derived from Sea Grant activities.	9	
OTHER	Economic (market and non-market) benefits derived from Sea Grant activities.	55,146,666	
OTHER	Job retained - Economic (market and non-market) benefits derived from Sea Grant activities.	637	
OTHER	Jobs created - Economic (market and non-market) benefits derived from Sea Grant activities.	19	
OTHER	Patents/Licenses - Economic (market and non-market) benefits derived from Sea Grant activities.		

### National Performance Measures - General

Report directly in the table below.

National Focus Area	Description	National Target (Annualized)	Yearly Actual	Comment	User	Update Time
<a href="#">Edit</a> SSSS	Number of fishers who adopt and implement responsible harvesting techniques and practices.	2,356			VINCENT.EISINGER	
<a href="#">Edit</a> SSSS	Number of stakeholders who modify their practices using knowledge gained in fisheries sustainability, seafood safety, and the health benefits of seafood.	34,268			VINCENT.EISINGER	
<a href="#">Edit</a> SCD	Number of coastal communities who have adopted/implement sustainable - economic and environmental - development practices and policies (e.g., land-use planning, working waterfronts, energy efficiency, climate change planning, smart growth measures, green infrastructure) as a result of Sea Grant activities.	71			VINCENT.EISINGER	
<a href="#">Edit</a> HCE	Number of coastal communities who have restored degraded ecosystems as a result of Sea Grant activities.	27			VINCENT.EISINGER	

### Program Performance Measures

Program specific measures derived from the Program Strategic Plan. Edit in the table below.

(No Data)

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# National Performance Measures: Sea Grant Products Developed and Used

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Annual Report Year:

Description		ELWD	Developed (Feb 1 2018 - Jan 31 2019)	Used (Feb 1 2018 - Jan 31 2019)	Approval	User	Update Time
<a href="#">Edit</a>	Test	Yes	No	Yes	<a href="#">Unreviewed Approve</a>	SUSAN.HOLMES	1/28/2022 10:42 AM
<a href="#">Edit</a>	Test -- Add Description of with ELWD Products or EBM tools, technologies or information services here. -- Provide description of product/service. -- What was SG's role with the effort? -- Who is the end user?	No	Yes	Yes	<a href="#">Returned Approve</a>	SUSAN.HOLMES	1/28/2022 10:41 AM
<a href="#">Edit</a>	Test -- Add Description of with ELWD Products or EBM tools, technologies or information services here. -- Provide description of product/service. -- What was SG's role with the effort? -- Who is the end user?	Yes	Yes	No	<a href="#">Unreviewed Approve</a>	SUSAN.HOLMES	1/27/2022 2:58 PM

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# ELWD Products Measure

## What

- Report the number of Sea Grant products that are *used* to advance environmental literacy and workforce development.
- This metric tracks the number of Sea Grants products that are *used* by stakeholders or program staff to advance environmental literacy and workforce development.

## Why

- This measure indicates Sea Grant efforts to develop and implement Sea Grant educational, extension, and communications products that are *used* by stakeholders or program staff to advance environmental literacy and workforce development.
- Reported up to OAR and NOAA annually (AOP). The information has been used in responses to requests the national office received from NOAA, DOC, OMB and the Hill. The values are used in factsheets and on the website to help tell the SG story.

# ELWD Products - What to Report?

Number of Sea Grant products that are used to advance environmental literacy and workforce development.

- In narrative describe the product/service, Sea Grant's role, and the end user.
- Select "yes" in the ELWD column.
- Report if developed or used.
- If applicable, an impact statement recap can be pasted as the description as long as it meets the above criteria.

Report via the "Products" page in PIER.

Note: you will need to select 'yes' in the ELWD column.

*The key here is to account for real-world application of the information, who has become more literate and utilized the information provided (made informed decisions). What workforce development activities did you provide to partners/communities?*

# ELWD Products Reporting Tips and Tricks

- The ELWD PM tracks SG products that are used by stakeholders or program staff to advance environmental literacy and workforce development.
- Keep the NOAA definition in mind when reporting - an environmentally literate person as someone who has
  - (1) a fundamental understanding of the systems of the natural world, the relationships and interactions between the living and non-living environment, and
  - (2) has the ability to understand and utilize scientific evidence to make informed decisions regarding environmental issues.
- Workforce development describes products and services designed to prepare individuals for entry into or advancement within an industry (e.g. training)

# ELWD Products Reporting Tips & Tricks

- If you mark as “used” in PIER
  - Then what I am looking for in your description is either
    - who became more environmentally literate, or
    - who participated in workforce development activities designed to prepare individuals for entry into or advancement within an industry
  - Provide a sentence in your entry description on who became more environmentally literate by using the product that you are providing (i.e. can give general terms or can be a group of people, doesn't have to be specific names).

# EBM Products Measure

## What

- Report the number of Sea Grant tools, technologies and information services that are used by our partners/customers to improve ecosystem-based management.
- This measure tracks success in translating research findings into useful tools, technologies and information services that improve the use and management of coastal, ocean, and Great Lakes ecosystems.

## Why

- This measure communicates the number of Sea Grant products that address the management of land, water and living resources in coastal areas resulting from Sea Grant activities (whether research, extension, education or communications) and used by partners or customers.
- Information is reported to OAR and NOAA annually (AOP). The information has been used in responses to requests the national office received from NOAA, DOC, OMB and the Hill. The values are used in factsheets and on the website to help tell the SG story.

# EBM Products - What to Report?

Number of Sea Grant tools, technologies and information services that are used by our partners/customers to improve ecosystem-based management.

EBM products are broadly defined as tools, technologies, and information services.

- In narrative describe the product/service/tool, Sea Grant's role, and the end user; and
- Report if developed or used.
- If applicable, an impact statement recap can be pasted as the description.

Report via the “Products” page in PIER.

The key here is to account for tools and services utilized and applied by managers.

The EBM PM tracks the success in translating research findings into useful tools, technologies and information services that improve the use and management of ecosystems (ecosystem-based management). We are looking for products/tools/services that address the management of land, water and/or living resources.



# EBM Products Reporting Tips and Tricks

- Ecosystem-based management is an integrated approach to management that considers the entire ecosystem, including humans, and drives decisions at the ecosystem level to protect the resilience and ensure the health of the ocean, coasts and the Great Lakes.
  - Note: ecosystem level
  - It requires managing ecosystems as a whole instead of separately managing individual components or uses.
- Products are broadly defined as tools, technologies, and information services

# EBM Products Reporting Tips and Tricks

- We are looking for products/tools/services that address the management of land, water and/or living resources.
- This includes the application of technology to coastal resource management through synthesis, integration, training, and the development of new management tools.
- It is important to account for products/tools/services utilized and applied by managers if you want to report it as “used”.
- If something is in development, you can report it as “developed”.

A scenic view of a coastline framed by trees, with the word "Questions?" overlaid in white text. The image shows a sandy beach, a rocky cliffside, and the ocean, viewed through a dense forest of evergreen trees. The text is centered in the middle of the image.

Questions ?