# Nelcome! Abandoned Vessels + Vessel Related Debris Action Planning Workshop



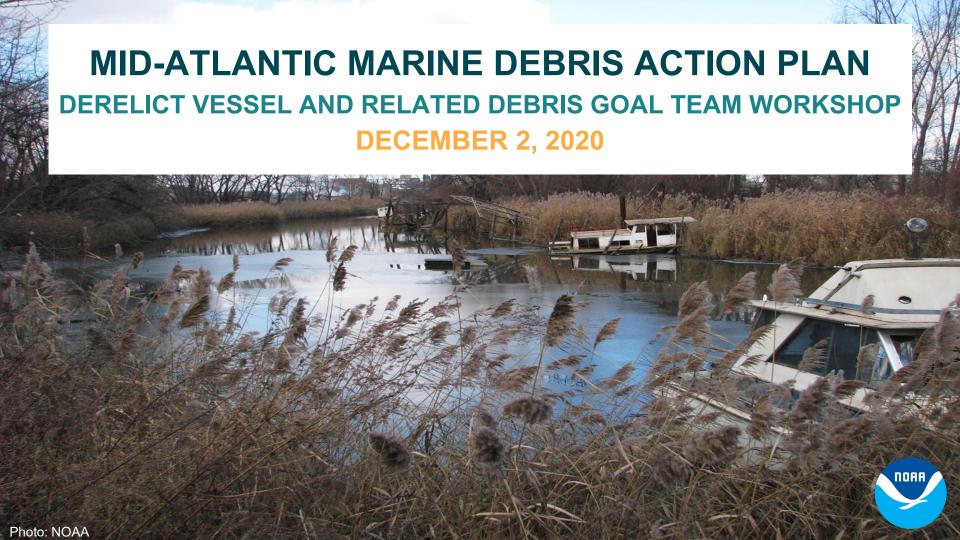
☐ Please type the following into the **chat box** on the **right side bar**:

- ☐ Full name
- Affiliation
- ☐ State/region where you work
- What aspect of addressing abandoned and derelict vessels do you think is the biggest priority? into the chat box

ᇟ

- ☐ Please also use the chat box for any **technical issues**
- ☐ Web cameras are optional, but turning it off may increase connection speed

We will get started at 1:00PM





## **Tech Tips and Ground Rules**

- ☐ Please stay on **mute** unless we ask you to unmute
- ☐ In order to be placed into breakout rooms, you MUST have used the link provided and either joined via computer audio or one of the dial in options
  - ☐ If you **ONLY** called in with a phone number, you must exit and rejoin with the link
- Video is at your discretion
- This meeting will NOT be recorded
- Use the chat box for any technology issues or questions



# Poll #1: How far did you travel to attend this meeting?

Please use the



icon

on the **right sidebar** to

answer the poll question



# Workshop Agenda

- 1:00 PM Workshop kick off + introductions
- 1:10 PM Report out on Goals, strategies, and objectives
- 1:30 PM Breakout room instructions
- 1:35 PM Breakout room session (with short stretch break in between)
- 2:35 PM Wrap up + Next steps
- 3:00 PM Adjourn



# **Workshop Objectives**

- Strengthen Mid-Atlantic marine debris community and foster relationship-building
- Refine and prioritize the Objectives and Actions for your Goal Area
- Provide stakeholders an opportunity to provide input and feedback on the Actions
- Confirm organizational commitments as leads and support roles to implement the Actions



## **Workshop Planning Team**



Christy Kehoe
Mid-Atlantic Regional Coordinator



Amanda Dwyer Marine Debris Program Specialist/Knauss Fellow



Jason Rolfe
Response Coordinator



**Demi Fox**Northeast Regional Coordinator



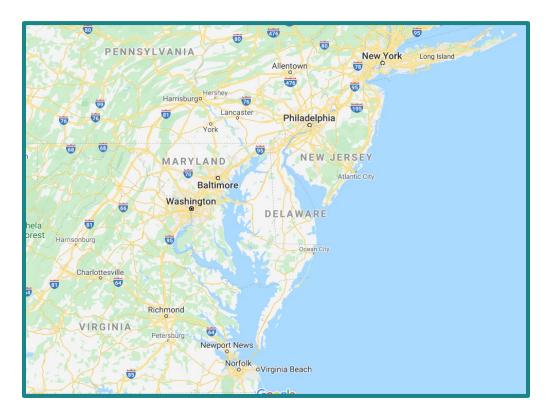
Ya'el Seid-Green
Communication and Policy
Specialist





#### **Mid-Atlantic Region**

Delaware, Maryland, New Jersey, New York, Virginia, and Washington, DC

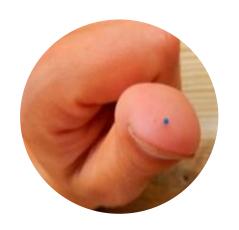




#### **Marine Debris in the Mid-Atlantic**

**Marine Debris Definition:** Any persistent solid material that is manufactured or processed and directly or indirectly, intentionally or unintentionally, disposed of or abandoned into the marine environment or coasts.

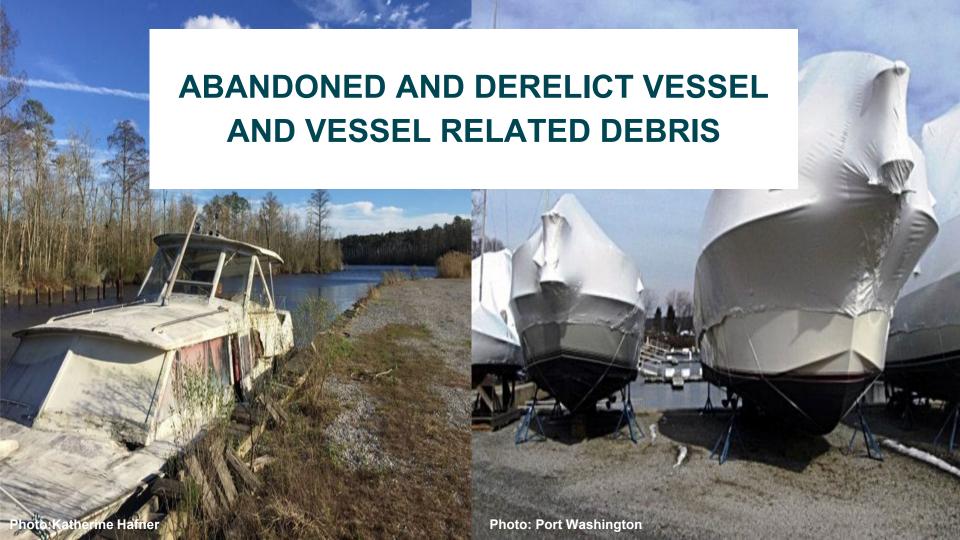














#### Sources



#### Ocean-based

- Commercial and recreational fishing
- Offshore oil and gas
- Cargo ships
- Abandoned and derelict vessels

#### **Land-based**

- Littering
- Dumping
- Poor waste management practices
- Stormwater discharge, run-off
- Extreme weather events









## **NOAA** Marine Debris Program Role

Established in 2006 by Congress as the U.S. federal lead for marine debris. Reauthorized in 2018.

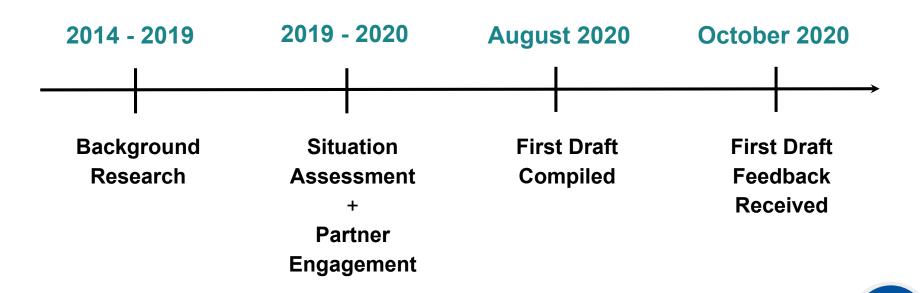
Mission: to investigate and prevent the adverse impacts of marine debris

5 Pillars: Regional Coordination

Regional Marine Debris Action Plans



### Timeline + Progress

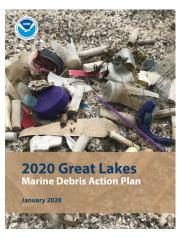


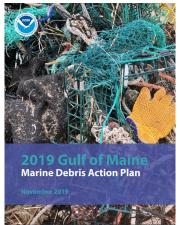
## **Regional Action Plans**



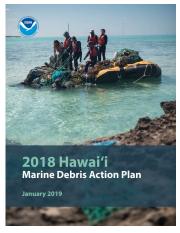


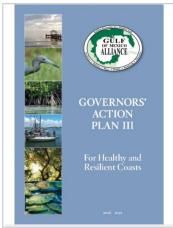


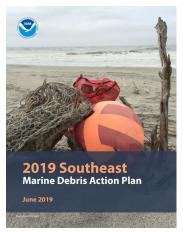






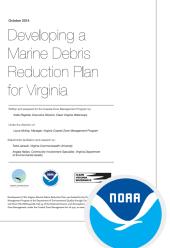




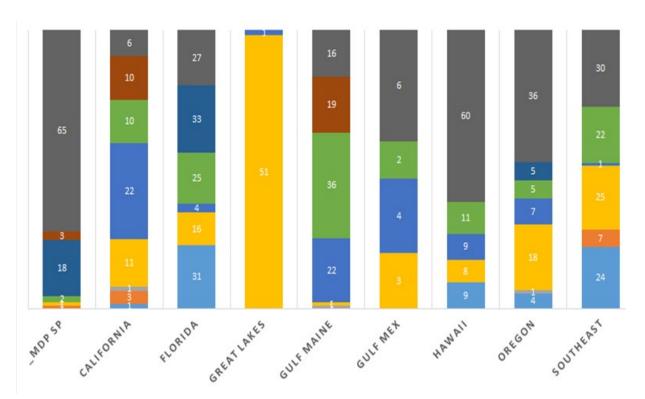








## Regional Action Plan Analysis - Debris Types



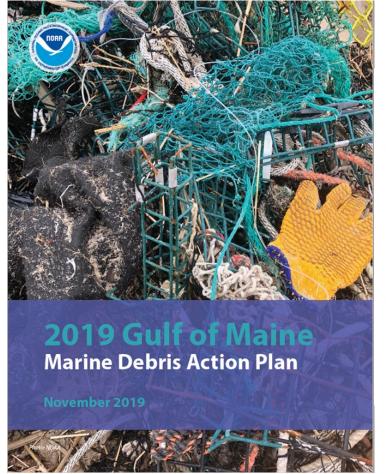


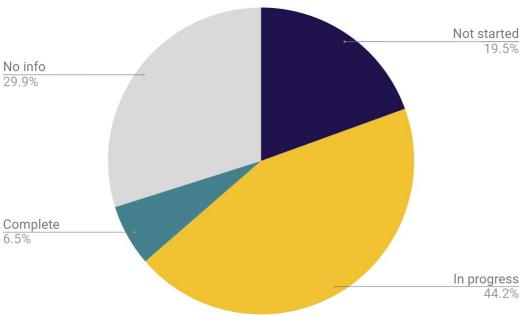


## **Regional Action Plans - Lessons Learned**



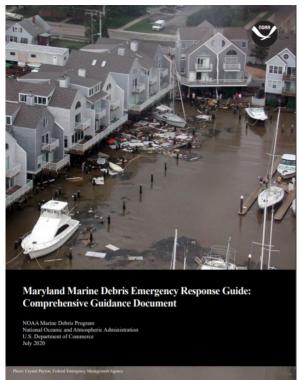


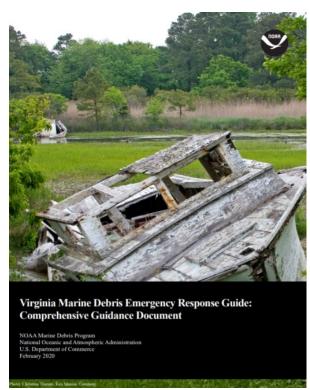


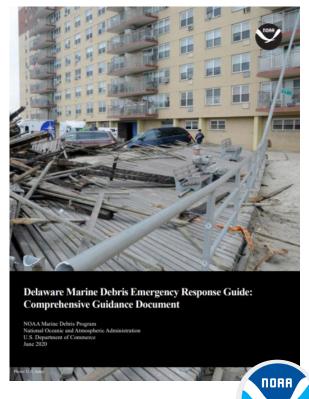




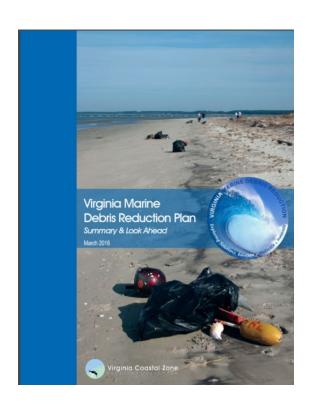
#### Marine Debris Emergency Response Debris Guides

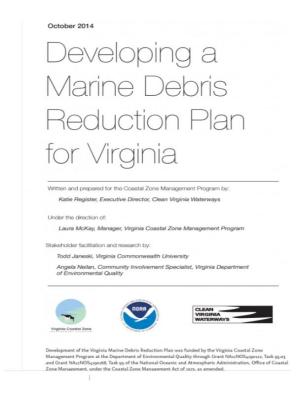






## Alignment with Other Regional, State, Local Planning



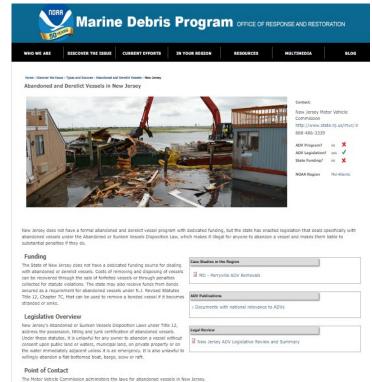






#### **ADV Info Hub**







#### **Situational Assessment**











Stakeholder Feedback

1:1 calls

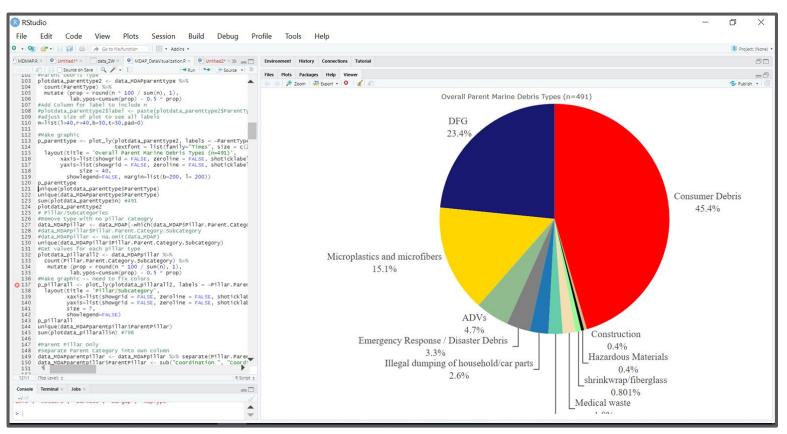
Mid-Atlantic Meetings

Analyzed Regional Data

**Collected Feedback** 

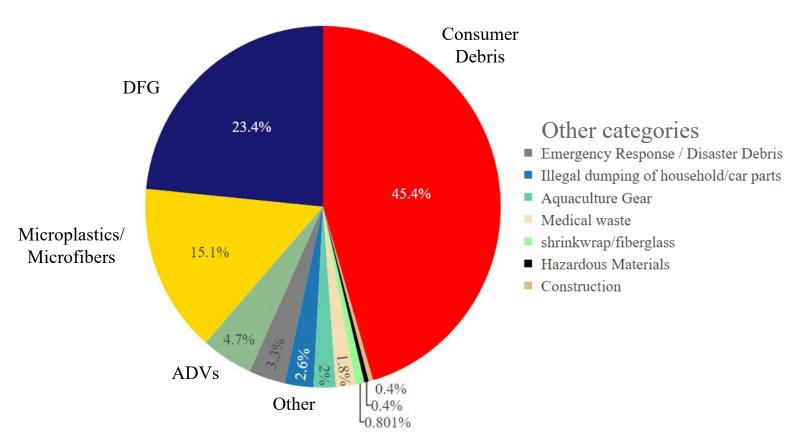


## R Data Analysis Tool





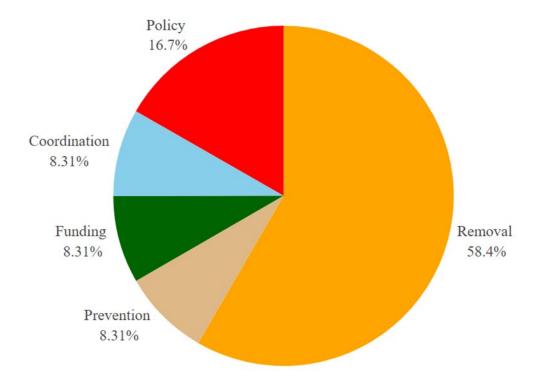
### **Data Analysis- Top Debris Types - Goal Areas**





Footnote: This graph is a visual representation of feedback collected during one-on-one stakeholder calls with marine debris partners during the spring/summer 2020. This data serves as a snapshot into regional priorities to be regularly reviewed during future partner feedback periods of the Action Plan.

### Vessel Data Analysis - Priorities- Strategies - Objectives







#### **Action Plan Structure**

**Vision:** To keep the Mid-Atlantic region, coasts, communities, habitats, wildlife, and our ocean free from the impacts of marine debris.

**Mission:** The Plan will reduce marine debris through strengthening regional partnerships to understand, prevent, and mitigate marine debris through increased research, preventative actions, reductions in impacts, and collaborative efforts of diverse groups.

Fostering Diversity and Inclusion, Capacity Building, Communication, Coordination,

**Timeline:** 2021 - 2026



#### Mid-Atlantic Marine Debris Action Plan Structure

Goals
Strategies
Objectives
Actions



### **Action Plan Goals Areas**

Consumer Debris

Derelict Fishing Gear

Microplastic + Microfiber

Abandoned +
Derelict Vessel
+ VesselRelated Debris



# **Strategies**

- 1. Prevention, Education, Outreach
  - 2. Research and Monitoring
    - 3. Proper Disposal and
      - 4. Removal
  - 5. Policy and Management



# Written Partner Feedback Suggested Actions



#### Mid-Atlantic Marine Debris Action Plan: Partner Written Feedback

Please complete this Partner Feedback Form to provide suggestions for Actions that you are leading, or willing to lead or support with the Mid-Atlantic marine debris community over the five years. Please submit your response by COB November 6, 2020.

Important Feedback Form Considerations, please read closely:

- -This form is only for organizations working on marine debris in the mid-Atlantic.
- -Please suggest SMART(specific, measurable, achievable, realistic, and time-sensitive) actions. Example: "By the end of the Action Plan, promote a plastic pollution awareness day in the region in both English and non-English languages."
- -Please select the primary Goal Team you'd like your organization to participate in. You will then be directed to add your notes to that Goal Team's section of the Action Plan.
- -Once submitted, you will be sent a confirmation email.

If you have any questions, please email <a href="mailto:Christy.Kehoe@noaa.gov">Christy.Kehoe@noaa.gov</a>.

\* Required



Specific

What do you want to do? Measurable

How will you know when you've reached it? Achievable

AAA

Is it in your power to accomplish it?

Realistic

R

Can you realistically achieve it?

**Timely** 

S

When exactly do you want to accomplish it?



#### **Action Leads and Partners**

#### Leads

Partners responsible for undertaking Actions that fulfill the objectives and reporting on the progress, challenges, and completion of the action.

#### **Partners**

Responsible for supporting and undertaking Actions that fulfill the objective and for providing input on progress.

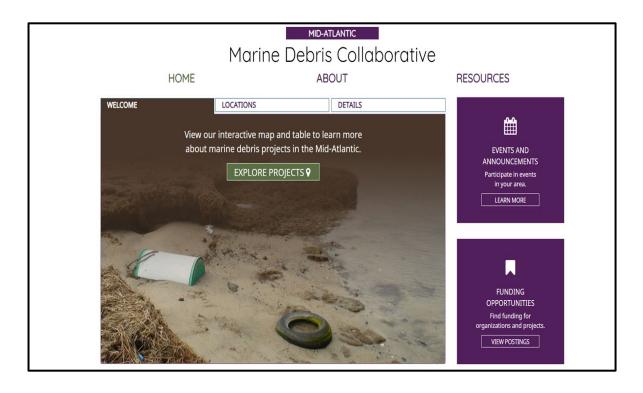
	Objective 1.2. By 2025, address at least four identified research gaps and complete at least 20 research projects.							
Actio	ns	Lead(s) [bold] and Partner(s)						
1.2.1.	By 2021, write a peer-reviewed research review paper on marine debris in the Great Lakes Region and identify key data gaps for the research community.	University of Western Ontario University of Wisconsin- Superior, Penn State Behrend, University of Toronto, Rochester Institute of Technology, Wayne State University, Loyola University						
1.2.2.	Within the first two years of the plan, host one basin-wide workshop with researchers and stakeholders to seek input on research priorities.	Old Woman Creek NERR, Penn State Behrend, Great Lakes Sea Grant Network, Wayne State University, University of Western Ontario, NOAA MDP						
1.2.3.	By 2021, establish and test standardized metadata for various environmental media (water, sediment, biota).	Penn State Behrend, Pollution Probe, Council of the Great Lakes Region, Shedd Aquarium						
1.2.4.	By 2025, complete at least five studies on the sources and pathways of marine debris into the Great Lakes.	University of Western Ontario, Rochester Institute of Technology, University of						



## **Action Plan - Monitoring**

Strategy	Action	Metrics	Lead Organization	Partner Organizations	Contact	Email	Individual Status	Overall Status	Status Update	Notes
Strategy 1.1: Prevention, Education, Outreach										
Objective 1.1.1: By the end of 202X, promote nformation-sharing and support XX outreach and			Org A	ORG B	NAME A NAME B	@org @org	In progress •	In progress	2/21/21 2/22/21	
ducational campaigns with coordinated messaging argeted at consumer debris items to raise public				ORG C	NAME C	@org	Not started ▼		2/23/21	
wareness of available science, data collection,				ORG D	NAME D	@org	In progress *		2/24/21	
esearch, laws and regulations.				ORG E						
	1.1.1.2. By end of the Plan, host at least XX regional workshops about consumer debris issues and impacts to mid-Atlantic regional species, habitat, and communities.	# workshop/webinars								
	1.1.1.3. By the end of Plan, promote a coordinate and promote a plastic pollution awareness day in the region in both English and non-English languages.	# event created					c Marine Deb gress Update	oris Action	Plan:	
	1.1.1.4. By the end of 202X, develop and expand zero waste awareness for Action Plan partner operations including practical strategies and actions for consumer debris reduction, as well as distribute it to at least XX partners in the region.						ing questions by [DEADLINE] one action. If your organizati rms, one per action.			
	1.1.1.5. Form a partnership with an inclusion, diversity, and equity expert to assist MDP with assessing the needs of underserved and underrepresented audiences	expert consultant hired, situational assesment complete				Email address *  Your email				
	1.1.2.1. Form a partnership with an inclusion, diversity, and equity expert to assist MDP with assessing the needs of					Name				
						Your answer				
						Affiliation				NOAA
						Your answer				

## **Action Plan: Information-Sharing**







## Poll # 2

In the chat box, please enter:

## What topic you are most excited to discuss or learn about today



### **Breakout Room Instructions**

#### **Based on your interest in goal STRATEGIES**

Room 1: Prevention, Education, & Outreach and Policy & Management (4 actions)

Room 2: Research, Monitoring, Proper Disposal & Infrastructure, and Removal (5 actions)







## **Breakout Room Report Out**

Room 1: Prevention, Education, & Outreach and Policy &

Management (4 actions)

Room 2: Research, Monitoring, Proper Disposal & Infrastructure,

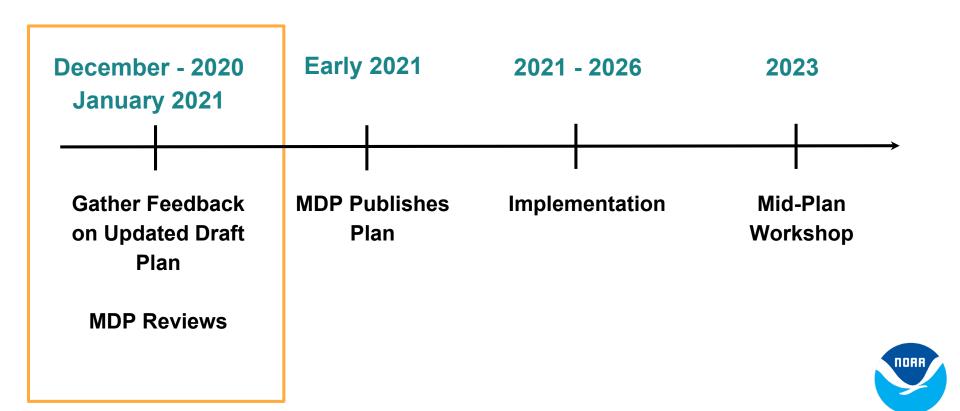
and Removal (5 actions)

#### Report Out

- # of actions (progress)
- Biggest challenges mentioned
- Creative solutions/trends

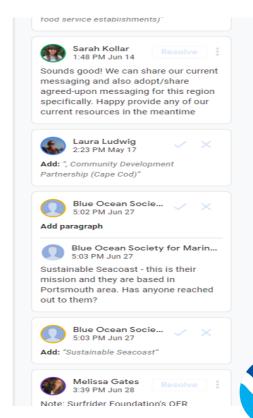


### Timeline + Next Steps

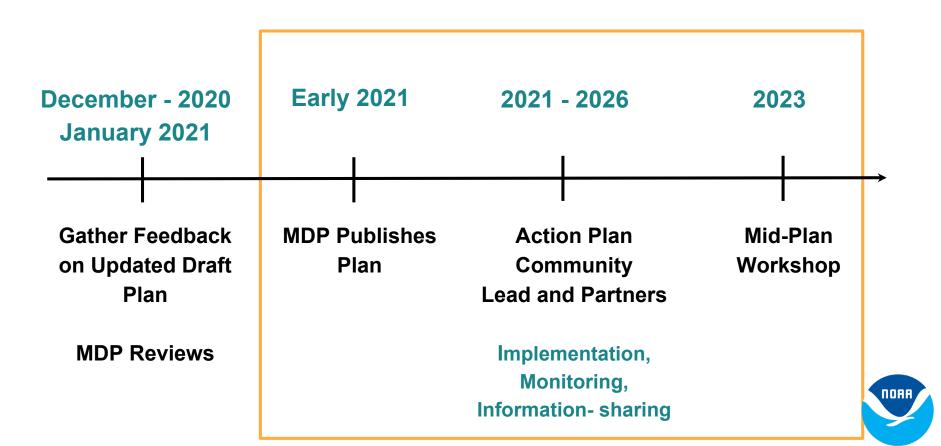


#### Written Partner Feedback + 1:1 Calls

#### Derelict Fishing Gear Goal 1. Collaborate with industry to reduce impacts of DFG in the Gulf of Maine Objective 1. Understand and communicate the rates, quantities, and varieties of fishing gear loss Strategy 1.1: Identify reasons for gear loss Actions Partner(s) 1. Analyze Maine DMR and Massachusetts DMF gear loss surveys Center for Coastal Studies and disseminate results to industry contacts 2. Replicate Maine DMR gear loss survey considering updated gear specifications 3. Create a summary report of the values and challenges of enforcing wet storage requirements 4. Work with the Northeast Regional Ocean Council to integrate any existing data on DFG/GFG into the Northeast Ocean Data Portal to map the debris and see if there are patterns of aggregate pollution: as the portal enables lavering of data, analysis could laver data for vessel traffic, migratory species, etc to investigate the possible reasons for gear loss as well as identify possible issues for spatial use conflict (such as USCG, DOT, ACE, BOEM...), which could then help gain partner buy-in from other fed, agencies for identifying and advancing solutions. Strategy 1.2: Assess environmental/economic costs of DFG Action Partner(s) 1. Replicate Massachusetts-based DFG mortality studies in Maine Center for Coastal Studies, Gulf and New Hampshire of Maine Lobster Foundation 2. Examine DFG recovery data for economic implications NH Sea Grant/Blue Ocean (commercial or rec fishery, gear loss value, cost of disposal, etc.) Objective 2. Investigate alternative options for disposal of DFG, plastics, and vessel waste Strategy 2.1: Expand convenient shoreside/onboard disposal and recycling options Partner(s) Actions 1. Continue to pursue programs to provide shoreside DFG recycling National Fish and Wildlife and disposal Foundation NH Fish and Game?



### Timeline + Next Steps



## **Monitoring**

Strategy	Action	Metrics	Lead Organization	Partner Organizations	Contact	Email	Individual Sta	atus Overall Stat	us Status Update	Notes	
Strategy 1.1: Prevention, Education, Outreach											
bjective 1.1.1: By the end of 202X, promote	1.1.1.1 By the end of 202X, support outreach and education		Org A		NAME A	@org	In progress	▼ In progress	2/21/21		
formation-sharing and support XX outreach and ducational campaigns with coordinated messaging	campaigns against the intentional release of balloons using strategies developed and promoted through	partners		ORG B	NAME B	@org	In progress	*	2/22/21		
argeted at consumer debris items to raise public	preventballoonlitter.org to reach at least XX individuals and			ORG C	NAME C	@org	Not started	*	2/23/21		
awareness of available science, data collection,	XX relevant businesses and support local legislations.			ORG D	NAME D	@org	In progress	*	2/24/21		
esearch, laws and regulations.				ORG E	NAME E	@org	In progress	*	2/25/21		
	1.1.1.2. By end of the Plan, host at least XX regional workshops about consumer debris issues and impacts to mid-Atlantic regional species, habitat, and communities.	# workshop/webinars						Y			
	1.1.1.3. By the end of Plan, promote a coordinate and promote a plastic pollution awareness day in the region in both English and non-English languages.	# event created									
	1.1.1.4. By the end of 202X, develop and expand zero waste awareness for Action Plan partner operations including practical strategies and actions for consumer debris reduction, as well as distribute it to at least XX partners in the region.									c Marine De	bris Action Pl
	equity expert to assist MDP with assessing the needs of	expert consultant hired, situational assesment complete						Plea	se reply to the followi	ng questions by [DEADLIN one action. If your organiza	E] Please note, this form can tion is working on multiple ac
	1.1.2.1. Form a partnership with an inclusion, diversity, and equity expert to assist MDP with assessing the needs of								ok you! quired		
								Ema	il address *		
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								Nan			
								You	answer		
								Affi	iation		
									answer		

#### Information-sharing



#### Marine Debris Collaborative

HOME ABOUT RES



#### **RESOURCES**







Nuisance flooding in downtown Annapolis, I(laryland (Photo: NOAA)



#### New Funding Opportunity: FY2021 Marine Debris Program Removal Notice of Funding Opportunity

The NOAA Marine Debris Program is proud to announce that our <u>FX</u> 2021 Marine Debris Removal notice of funding opportunity is now open through Sept. 4, 2020! This opportunity provides funding to support on-the-pround marine debris removal projects, with priority consideration for efforts strapeling dereild fishing gear, abandoned and dereild reseals, and other medium- and large-scale debris as well as prevention considerations. The letter of intent deadline is 04/420\_Learn mores.

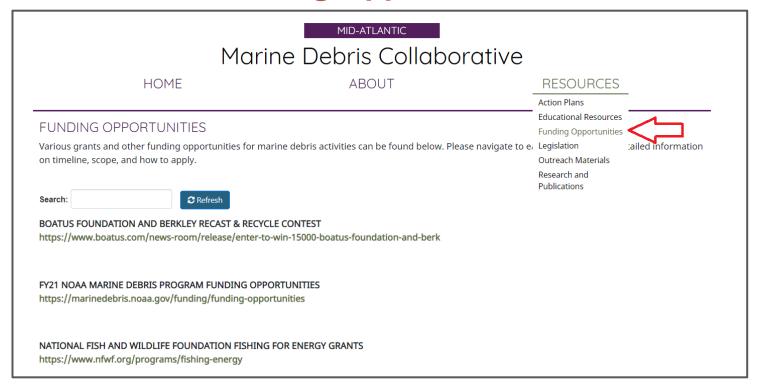


#### Response: Delaware Marine Debris Emergency Response Guide Published

The NOAA Marine Debris Program is pleased to release the Delaware Marine Debris Emergency Resonate Suide: Comprehensive Suidance Decument (Outde), a product of a collaborative process with state and federal agencies. The Guide aims to improve preparedness for response and recovery operations of lower process and the process of the proportations of thought any natural disaster or event that generates Oebris Program will be fousing on New Jersey for the next emergency response guide planning efforts, Learn more.



#### **Funding Opportunities**





## Mid-Plan Action Plan Update Workshop - 2023







