

Virginia Coastal Resilience Technical Advisory Committee

# Outreach and Coordination Quarterly Subcommittee Meeting

Date: Wednesday, November 8<sup>th</sup>, 2023

Time: 10:00 am

Location: All Virtual

Virtual Access: Register at

<https://vcu.zoom.us/meeting/register/tZYpdeuprz8oEteWFPjaYcVLzvMwQNzLvfv4>



# Meeting Agenda

- 1) Call to Order, Roll Call
- 2) Adoption of Agenda
- 3) Adoption of Q3 Meeting Minutes
- 4) Subcommittee Overview
- 5) Old Business
  - Outreach and Engagement Strategy
  - End User Stakeholder Survey
- 6) New Business
  - Subcommittee Discussion
- 7) Public Comment
- 8) Action Items, Scheduling
- 9) Adjourn

Name	Organization
Martin Brown	Office of Diversity, Opportunity and Inclusion
Michael Perez	
William Curtis	Virginia Department of Housing and Community Development
Charles P. Boyles, II	George Washington Regional Commission
Meredith Keppel	
Cameron Bruce	Nansemond Indian Nation
Jill Bieri	The Nature Conservancy
Reggie Tupponce	Upper Mattaponi Indian Tribe
Colonel Brian P. Hallberg	U.S. Army Corps of Engineers, Norfolk District
Greggory Williams	
Martha Moore	Virginia Farm Bureau
Katelyn Rose Jordan	
Brett Vassey	Virginia Manufacturers Association
Mary-Carson Stiff	Wetlands Watch
John Bateman	
Joseph Howell	Navy Region Mid-Atlantic



# Invited Guests

# General Updates

- **Coastal Resilience Web Explorer User Portal is live**
  - New users must submit a completed User Access Form (PDF) to DCR ([resilience.explorer@dcr.virginia.gov](mailto:resilience.explorer@dcr.virginia.gov)).
  - Forms can be accessed via DCR’s website or the user portal website.
    - [dcr.virginia.gov/crmp/cr-web-explorer](https://dcr.virginia.gov/crmp/cr-web-explorer)
    - [varesilienceexplorer.com](https://varesilienceexplorer.com)
  - **143 submissions** via bulk upload.
  - Reviews and approvals in progress.
- DCR has received and is reviewing responses to the **Resilience Planning and Consulting RFP**

<u>PDC</u>	<u>Projects</u>	<u>Initiatives</u>	<u>Total</u>
NVRC	59	10	69
PlanRVA	22	24	46
Crater	13	0	13
GWRC	5	4	9
NNPDC	4	0	4
MPPDC	1	1	2
ANPDC	0	0	0
HRPDC	0	0	0
<b>Grand Total</b>	<b>104</b>	<b>39</b>	<b>143</b>

# Subcommittee Objectives

## Outreach and Coordination

### **1. Inform and support outreach and engagement for the CRMP Phase II.**

Specifically: identify and prioritize stakeholders to engage; advise on purpose, goals and strategies for stakeholder engagement consistent with DCR's COEP; guide implementation of engagement strategies.

### **2. Strengthen relationships with key stakeholders identified as critical to engaging in the CRMP Phase II.**

- Examples include, but are not limited to minority communities, Tribal Nations, the Department of Defense, critical infrastructure facility owners, and other federal facilities owners.

### **3. Develop recommendations for future planning.**

This includes, but is not limited to:

- Identifying sustainable outreach and engagement goals and strategies for state support to build coastal resilience beyond CRMP Phase II.
- Developing locality capacity and needs assessment approaches.

# Outreach and Coordination Subcommittee Schedule

Q3 2023

CRMP PII – Engagement Strategy and Approach Draft (Review 1)

CRMP PII – Stakeholder Identification and Prioritization

Q4 2023

**CRMP PII – Stakeholder Gaps Analysis Review**

**CRMP PII – Finalize Engagement Strategy and Approach (Review 2)**

Q1 2024

CRMP PII – Outreach and Engagement Implementation Feedback and Support

Future Plans – Recommendations

Q2 2024

CRMP PII – Outreach and Engagement Implementation Feedback and Support

Future Plans – Recommendations

Q3 2024

CRMP PII – Outreach and Engagement Implementation Feedback and Support

Future Plans – Recommendations

Q4 2024

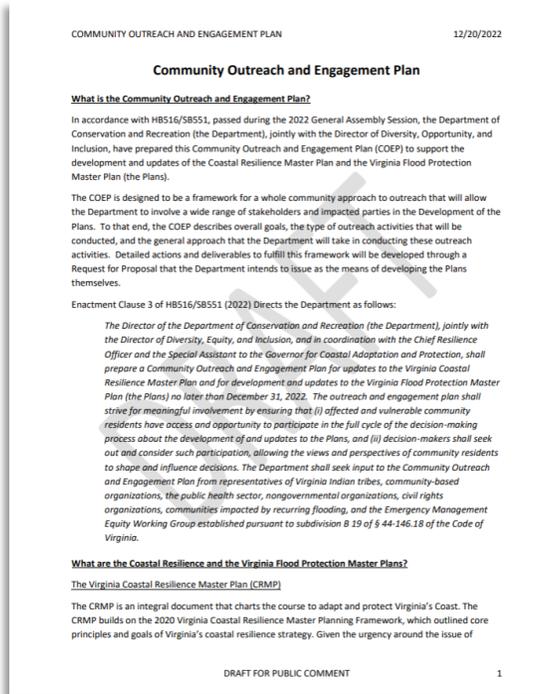
Future Plans – Final Recommendations

# Old Business

Outreach and Engagement Strategy

End User Stakeholder Survey

# Update to Community Outreach and Engagement Plan



Framework for stakeholder engagement in developing DCR's resilience master plans.

# CRMP Phase I Outreach and Engagement Results

## Stakeholder Engagement

Understanding how communities live with water is critical to ensuring the Master Plan equitably addresses flooding issues for all Virginians. Residents who live and work in coastal Virginia had the opportunity to provide input to the Master Plan through multiple in-person and virtual workshops, webinars, public meetings, and surveys. The Commonwealth is leveraging the information gained through these processes to conceptualize, implement, and support successful and lasting resilience strategies.

Building a dynamic and long-term participatory stakeholder engagement strategy is essential to capture and reflect the continual changes that coastal Virginia's communities and environments experience. The Commonwealth developed a short-term plan to build relationships and conduct outreach in affected areas by working across localities and Planning District and Region Commissions.

The following sections summarize outreach activities during this first iteration of the Master Plan. Information gathered through these activities is integrated throughout this document.

### Voices of Coastal Virginia

Through surveys, webinars, workshops, public meetings, this plan reflects input and knowledge from residents, community organizations, representatives from local, county, and regional government, military installations, and other stakeholders invested in the resilience of coastal Virginia.

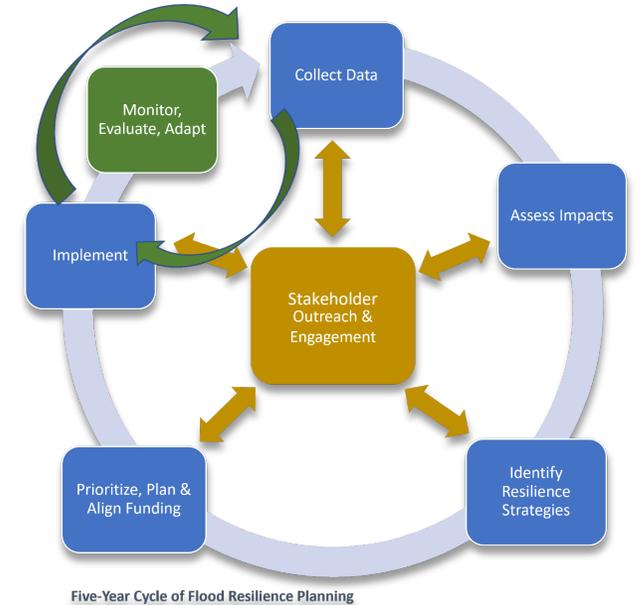
**2,000+** people provided input into the Master Planning process via participation in surveys, webinars, virtual and in-person workshops, and public meetings.

**80%** of residents who responded to surveys believe flooding poses a serious or extreme challenge over the next 20-40 years.

**11%** of residents who responded to surveys said they were very familiar with the Commonwealth's existing resilience efforts before their engagement.

**68%** of residents who responded to surveys said they believe the Master Plan will benefit their community.

# CRMP Phase II Outreach and Engagement Strategy



Specific goals, methods, and resources to engage stakeholders in Phase II plan.

# Subcommittee Feedback

## On the Phase II Outreach & Engagement Strategy from the Q3 Meeting

- Establish clear goals for outreach & engagement.
  - Strengthen and clarify the opportunities to influence decision making.
  - Is it a goal of this plan to encourage collective action toward resilience in concert with the state?
- Use gaps from Phase I engagement efforts to help identify priority stakeholders for Phase II.
- Identified additional stakeholders to consider engaging.

# CRMP Phase II O&E Strategy

## Summary of Updates

- Defined plan end users
- Established goals
- Organized stakeholders into two major groups
  - Identified priority stakeholders based on a variety of categories
- Developed detailed engagement methods
  - Audience, schedule, goals, resource needs
- Outlined public outreach campaign approach
- Defined measures of success

# CRMP Phase II O&E Strategy

## DCR Requests for TAC Subcommittee Feedback

- Does the subcommittee concur with implementing the strategy?
  - Any revisions to be made?
- Connecting with audiences of interest:
  - Identifying priority localities.
  - Identifying organizations representing underserved communities.
  - Information-sharing networks to help spread messages.
- End User Stakeholder Survey
- Metrics for monitoring progress toward outreach and engagement goals.



# Outreach and Engagement Strategy

Coastal Resilience Master Plan, Phase II



# Who are the plan's intended audiences?

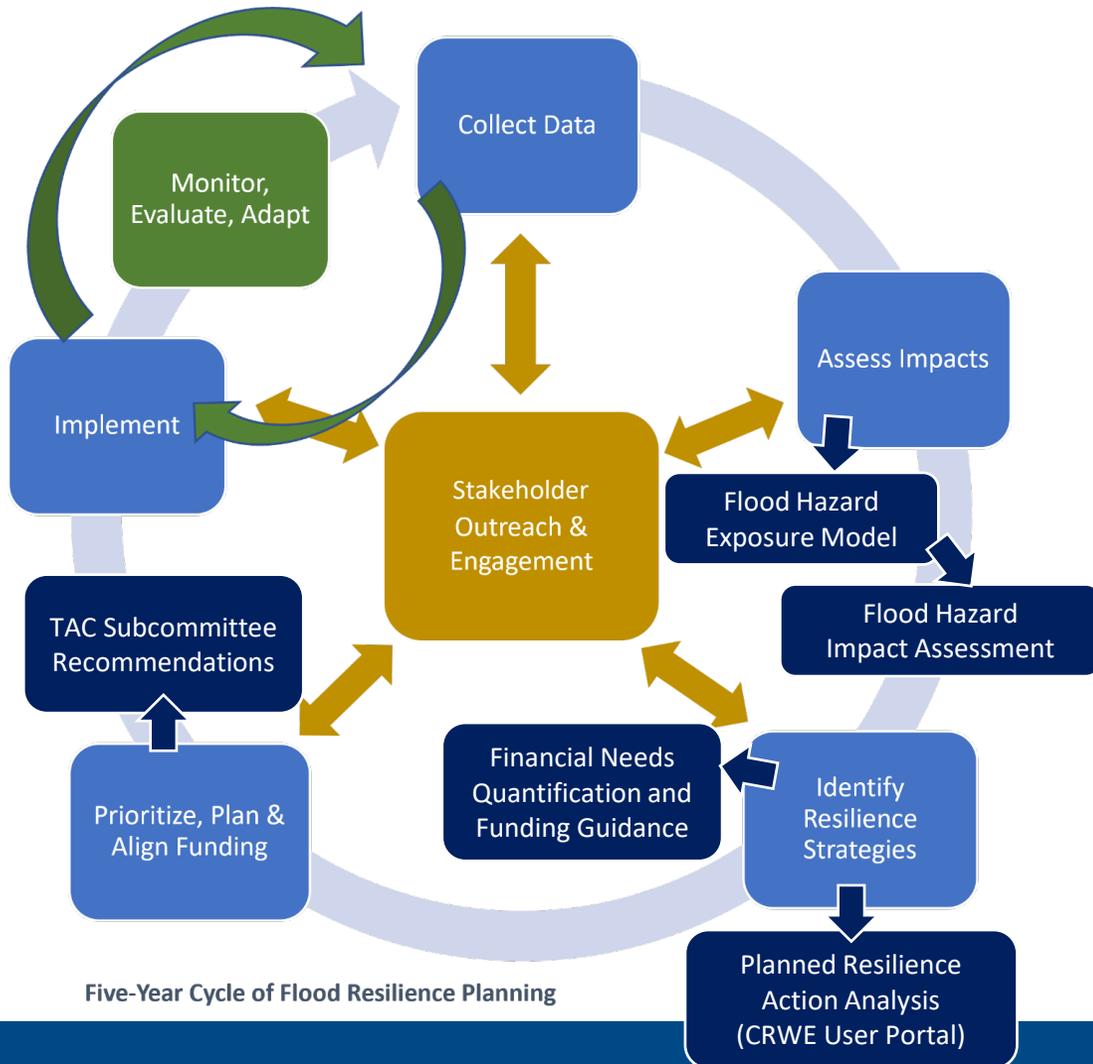
## **Primary Audiences:**

- Planning District Commissions (8)
- Localities (57)
- State Agencies/ Programs (10+)
- Tribal Governments (10)

## **How might they use the plan?**

- Use models and findings as a starting point for additional assessment of asset and programmatic vulnerability
- Incorporate flood hazard exposure models and impacts into other long-range plans
- Leverage models and findings to aid in identifying and prioritizing resilience actions, and developing grant applications
- Identify opportunities for collaboration with other actors toward resilience
- Justify budgetary requests

# CRMP Phase II O&E Goals



1. Understand how the plan can be leveraged by intended end users.  
*Localities, PDCs, state agencies, tribes.*
2. Contextualize the plan's content with qualitative data on flood impacts.
3. Contextualize the plan's content with information on planned and ongoing interventions to address risk in the planning area.
4. Drive awareness of, and empower whole community action toward, coastal flood resilience.  
*More info on next slide.*

# Through outreach, we intend to inform stakeholders of:

1. The existence, purpose, and contents of the Coastal Resilience Master Plan, Phase II.
2. Opportunities to participate in engagement activities during the planning process.
3. Information to support advocacy on behalf of decisions that will build flood resilience in their communities. *[Audience: underserved communities]*

	Level	Goal
Outreach	Inform	Provide information and assist in understanding problem, alternatives, opportunities, solutions.
	Consult	Obtain feedback on analysis, alternatives, decisions.
Engagement	Involve	Work directly throughout the process to understand and consider concerns and aspirations.
	Collaborate	Partner in decisions, including developing alternatives and identifying preferred solutions.

*Adapted from IAP2 Spectrum for Public Participation*

# Stakeholder Identification and Analysis

## Tier 1 Stakeholder Types:

### Involve and Collaborate

- State agencies
- Planning district commissions
- Local governments
- State and Federally recognized Tribes of Virginia
- Public universities
- Resilience-focused non-governmental organizations
- Critical infrastructure owners
- Federal partners
- Private sector industry flood resilience service providers (planning, engineering/design, funding consultants)

## Tier 2 Stakeholder Types:

### Consult and Inform

- Private sector other than industry flood resilience service providers
- Other non-governmental organizations
- Community-based organizations
- Key houses of worship
- Underserved communities and low-income geographic areas
- State councils and working groups (ex., Virginia Council on Environmental Justice)
- Virginia coastal residents (general public)

**We intend to provide outreach and engagement to all identified stakeholders.**

# Opportunities for Improvement

## Stakeholders to Prioritize for Engagement in Phase II

Organization Type	Proposed Approach to Engaging in Phase II (See Engagement Methods, below)
<p><b>Some localities</b>, particularly more rural localities with lower vulnerability to coastal flooding.</p>	<p>(2) End User Survey                      (3) Resilience User Portal Promotion and Education / Data Call                      (6) Locality Meetings</p>
<p><b>Some state agencies, boards and commissions</b>, including the Department of General Services, Department of the Treasury, Department of Wildlife Resources, Department of Agriculture and Consumer Services, Virginia Cooperative Extension, Virginia Energy, Virginia Tourism Corporation, and the Port of Virginia.</p>	<p>(1) Coastal Resilience Technical Advisory Committee Quarterly Meetings (Advisors/Guests)                      (3) Resilience User Portal Promotion and Education / Data Call                      (4) COV-CIP (VDEM) Critical Infrastructure Working Group</p>
<p><b>Critical infrastructure owners</b>, including utility providers.</p>	<p>(4) COV-CIP (VDEM) Critical Infrastructure Working Group ongoing collaboration</p>
<p><b>State and federally recognized Tribes</b> of Virginia's coastal region</p>	<p>(1) Coastal Resilience Technical Advisory Committee Quarterly Meetings (Members)                      (3) Resilience User Portal Promotion and Education / Data Call                      (5) Tribal Consult Meetings (x~3)*</p>



# Outreach & Engagement Methods Summary

Collaborate	Involve	Consult	Inform
<i>Partner in decisions, including developing alternatives and identifying preferred solutions.</i>	<i>Work directly throughout the process to understand and consider concerns and aspirations.</i>	<i>Obtain feedback on analysis, alternatives, decisions.</i>	<i>Provide information and assist in understanding problem, alternatives, opportunities, solutions.</i>
<b>(1)</b> Coastal Resilience Technical Advisory Committee Quarterly Meetings	<b>(2)</b> Resilience User Portal Promotion and Education / Data Call  <b>(3)</b> COV-CIP Critical Infrastructure Working Group ongoing collaboration  <b>(4)</b> Tribal Consult Meetings (x~3)*  <b>(5)</b> Locality Meetings (x3)*	<b>(6)</b> End User Survey  <b>(7)</b> Underserved Community Meetings (x~7)*^  <b>(8)</b> End-Point Public Comment  <b>(9)</b> Web Explorer Participatory Mapping and Feedback Tool^	<b>(10)</b> Monthly NGO Coordination Meetings*  <b>(11)</b> Mid-Point and End-Point Public Meetings^ (x3 each) (Virtual and Recorded)

**For each activity, the strategy contains:**

- Description
- Audience
- Format
- Approximate Date
- Activity Lead
- Activity Support
- Marketing Strategies
- Goals and Topics
- Feedback Collection Approach
- Stakeholder Documentation Approach
- Feedback Application Approach
- Resource Needs (LOE)
- Questions and Challenges

*Items appearing with an asterisk are those activities which may benefit from joint outreach/engagement with other DCR teams (FPM, Dam Safety, Soil & Water, etc.). Items appearing with a ^ should be considered for production in multiple languages to connect with non-English speaking audiences.*

# Resilience User Portal and Data Call

## Involve

**Goal:** (3) Identify resilience plans, projects, and funding opportunities that are underway in the coastal region.

**Audience:** Tier 1 – PDCs, Local Governments, Tribal Communities, Consultants for Localities/PDCs on resilience, Resilience-focused NGOs

**Format:** Website; Requires users to gain access by signing up for an account with DCR.

**Timeline:** April 2024

The screenshot displays the 'VIRGINIA COASTAL RESILIENCE WEB EXPLORER' interface. At the top, there are navigation tabs for 'Introduction', 'Hazards', and 'Impacts'. Below the header, a text block states: 'The collected projects represented here provide an initial sample of the substantial resilience project needs within the Commonwealth. Projects were collected from localities and PDCs. Future CRMP efforts will seek to extend the coverage of this database while moving to a more comprehensive capture of needs.' The main interface is divided into several sections: 1. 'Select Area of Interest:' with dropdowns for 'Commonwealth' and 'Virginia'. 2. 'Filters:' with dropdowns for 'Category' (set to 'All'), 'Hazard Addressed' (set to 'All'), and 'Project Class' (set to 'All'). A 'Reset All Filters & Map' button is located below these filters. 3. 'Additional Map Layers:' with a 'Clear Map Layers' button. 4. A list of map layers, including 'Coastal Floodplains' (selected) with radio buttons for years 2020, 2040, 2060 (selected), and 2080. Other layers include 'Community Resource Impact Areas', 'Critical Sector Impact Areas', 'Natural Infrastructure Impact Areas', and 'Coastal Hazard and Social Vulnerability'. 5. A list of project entries with checkboxes. The 'Appomattox River Trail (blueway and greenway)' is selected. 6. A map on the right showing the location of the selected project. 7. A detailed information panel for the selected project, including: 'Name: Appomattox River Trail (blueway and greenway)', 'Location: Charles City County, Chesterfield County, Colonial Heights, Dinwiddie County, Hopewell, Petersburg, Prince George County', 'Type: Hybrid - Other', 'Coastal Hazards Addressed: Riverine Flooding, Shoreline Erosion, Storm Surge Flooding, Flooding, Tidal Flooding', and 'Phase: Site Assessment/Prelim Design'.

# Critical Infrastructure Working Group (COV-CIP)

## *Involvement*

*This activity is being led and organized by VDEM*

**Goals:** (1), (3) and (4) feedback to identify, prioritize, and conduct flood impact assessment for critical infrastructure.

**Audience:** Tier 1 – State Agencies, Critical Infrastructure Owners; Federal Partners

**Format:** Meetings; likely to be a mix of in-person and virtual.

**Timeline:** TBD



# Engagement Meetings

## *Involve*

**Goals:** (1-4), knowledge sharing meetings.

## Tribes

- **Audience:** Tier 1 - Interested state and federally recognized tribes of Virginia's coastal region.
- **Format:** ~3 in-person meetings (combined with multiple tribal governments, where feasible)
- **Timeline:** March-April 2024

## Localities

- **Audience:** Tier 1 - Interested higher risk, lower participation local governments (staff) and respective PDCs.
- **Format:** ~3 in-person meetings (combined within a PDC)
- **Timeline:** March-April 2024

# Localities to Contact for Meetings

## What factors should we consider?

- **Flood Risk (all forms)**
  - *FEMA NRI Combined Risk Score of 25 or higher*
- **Social Vulnerability**
  - *Qualifies as low-income per CFPF definition; CDC SVI Score of at least 0.2.*
- **Prior Engagement and Capacity**
  - *No participation in RAFT in past three years; No DCR approved locality resilience plan.*
- **Interest and Availability**
- **Others?**

## Preliminary list for discussion:

- ANPDC: Accomack and Northampton counties
- HRPDC: Cities of Franklin and Newport News (potentially additional cities, at the recommendation of HRPDC)
- NNPDC: Lancaster County (potentially additional counties, at the recommendation of NNPDC)



# End User Survey

## *Consult*

**Goal:** (1) How can the plan be leveraged by intended end users?

**Audience:** Tier 1 - Local governments, PDCs, Tribal governments, consultants or advisors for Localities/PDCs/Tribes on resilience

**Format:** Electronic survey (Microsoft Forms).

**Timeline:** December 2023

*See supplemental PDF for full survey.*

## Stakeholder Survey: Virginia Coastal Resilience Master Plan, Phase II

The Virginia Department of Conservation and Recreation's Office of Resilience Planning is collecting feedback from key stakeholders of the Coastal Resilience Master Plan. We aim to understand how different audiences have used the Phase I plan, and what products would be most useful to include in the Phase II plan (due to be completed in December 2024).

This survey is intended for anyone who may use the plans in a professional capacity, such as:

- Planning District Commission staff
- Local Government staff
- State Agency and Program staff
- Tribal Governments

The survey will be open until December 8, 2023.

Learn more about the Coastal Resilience Master Plan: [dcr.virginia.gov/crmp/](https://dcr.virginia.gov/crmp/).

\* Required

### Your Information

1. Are you responding to this survey in a professional capacity? \*

Yes

No

# Underserved Community Meetings

## *Consult*

- **Goals:** (2) and (4), provide information shared at the mid-point public meeting, provide/collect feedback via the participatory mapping tool.
- Bring together communities, local & state government.
- Share information about CFPF, RVRF and locality resilience plans (DCR Floodplain Management)
- **Audience:** Tier 2 - Established community-based organizations representing underserved communities which are interested in flood resilience.
- **Format:** up to 7 in-person meetings
- **Timeline:** June-July 2024

*“Underserved Communities are geographic or demographic communities that have been systematically denied a full opportunity to participate in aspects of economic, social, and civic life, or are environmentally overburdened.”*

*- Community Flood Preparedness Fund Manual*

# Underserved Community Meetings

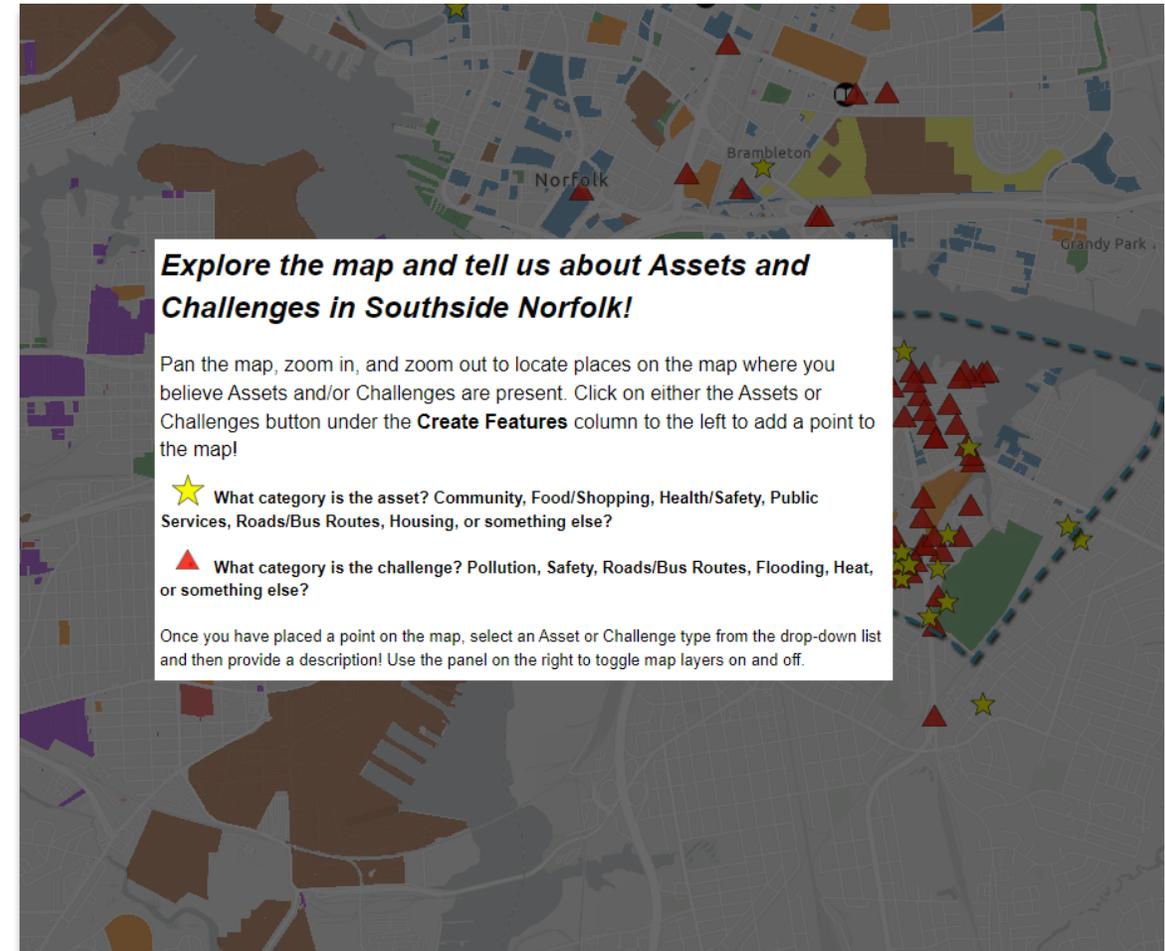
- Identifying underserved communities at risk of flooding.
  - Spatial demographic data and flood risk data.
  - We recognize that not all underserved communities organize/identify around their area of residence.
- Identifying CBOs serving underserved communities with an interest in flood resilience.
  - Contact government, NGOs serving these geographic areas for guidance.
  - Offer presentations to established networks serving underserved communities to share information.



# Web Explorer Participatory Mapping and Feedback Tool

## *Consult*

- **Goal:** (2), collect information about the impacts of flooding and assets at risk.
- **Audience:** Tier 2 – General Public
- **Format:** Web Explorer / ArcGIS Experience Builder online tool (and Survey). Tool for submitting input can be separate from Coastal Resilience Web Explorer (CRWE), but then integrate back to display as a tab or section in the CRWE.
- **Timeline:** Launch by June 2024



*Screenshot courtesy of ODU ICAR, “Southside Community Engagement” ArcGIS Online Tool.*

# Public Comment

## Consult

- **Goals:** (1-3), gather feedback on the success of the contents of the plan.
- **Audience:** Tier 2 – General Public
- **Format:** Electronic/Web-Based Access to the full text of the CRMP Phase II posted with options to submit public comment.
- **Timeline:** December 2024.

The screenshot displays the Virginia Regulatory Town Hall website. The header includes the Department of Planning and Budget logo and the text "An official website of the Commonwealth of Virginia Here's how you know". The main navigation menu on the left lists: Find a Regulation, Regulatory Activity, Actions Underway, Petitions, Legislative Mandates, Periodic Reviews, General Notices, Meetings, Guidance Documents, Comment Forums, Sign in, State Agency, Registered Public, and Sign up. The main content area is titled "Public comment forums" and contains the following information:

**Public comment forums**  
Make your voice heard! Public comment forums allow all Virginia's citizens to participate in making and changing our state regulations. [Recently closed](#) [Recently opened](#) [Active Forums](#) [More filter options](#)  
[See our public comment policy](#)  
Currently showing 45 open comment forums

**Regulatory Activity Forums (26)** [Guidance Document Forums \(19\)](#)

Actions (13) Periodic Reviews (7) Petitions for Rulemaking () General Notices (6)

**Air Pollution Control Board**

<a href="#">View and Enter Comments</a>	Chapter: [9 VAC 5 - 10] General Definitions	<a href="#">Periodic Review</a> Closes: 10/30/23 0 comments
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**Board for Contractors**

<a href="#">View and Enter Comments</a>	Chapter: [18 VAC 50 - 30] Individual License and Certification Regulations	<a href="#">Action:</a> Continuing Education Amendment <a href="#">Stage:</a> Proposed Closes: 12/8/23 0 comments
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**Board for Hearing Aid Specialists and Opticians**

<a href="#">View and Enter Comments</a>	Chapter: [18 VAC 80 - 20] Board for Hearing Aid Specialists Regulations	<a href="#">Action:</a> General Review of Hearing Aid Specialists Regulations <a href="#">Stage:</a> Notice of Intended Regulatory Action Closes: 11/8/23 0 comments
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# Monthly NGO Meetings

## *Inform*

- **Goal:** (4), drive awareness of flood resilience planning activities through working with the NGO community to support information-sharing to the public.
- **Audience:** Tier 1 – NGOs working to build flood resilience in Virginia’s communities
- **Format:** Virtual, one hour meeting monthly.
- **Timeline:** Ongoing.



## Office of Resilience Planning Monthly Call

Coordinating Outreach & Engagement with Non-Governmental Organizations. DCR’s Office of Resilience Planning hosts a virtual meeting on the second Wednesday of each month at 1 p.m. The purpose of this meeting is to coordinate and share knowledge between the Office and non-governmental organizations which are working to build flood resilience through outreach and engagement with Virginia’s communities. If you are a representative of an NGO interested in participating in the calls, please complete the form below.



# Public Meetings

## *Inform*

- **Goal:** (4), drive awareness of flood resilience planning activities and opportunities to provide input.
- **Audience:** Tier 2 – General Public.
- **Format:** Two sets of 2-3 virtual webinar meetings (WebEx or similar format). Recorded and posted on YouTube/DCR's website to view.
- **Timeline:** August 2024 and December 2024.



# Public Outreach Campaign

Method	Description
<b>ORP Quarterly Newsletter</b>	Email newsletter distributed by the DCR Office of Resilience Planning to share updates on ongoing work. The newsletter will contain information about opportunities for public participation in the CRMP Phase II.
<b>Social Media Posts</b>	DCR's social media accounts will feature information and links to updates on the CRMP Phase II and opportunities for public participation. Posts will be featured on platforms including Facebook, Instagram, Twitter, and LinkedIn.
<b>Emails to Key Information Sharing Networks</b>	DCR will distribute key plan updates and opportunities for participation in the CRMP Phase II with other information sharing networks for distribution, such as the VDEM "Partners in Preparedness" Newsletter.
<b>Presentations to Key Information Sharing Networks</b>	DCR will request to present at meetings of networks, councils, commissions, and other groups with a reach across the coastal region (for ex., DEQ EJ Council) to share information for distribution and awareness buildings.
<b>Materials Distribution via other DCR events and partners</b>	DCR will make flyers and handouts available at activities and events hosted by the Floodplain Management or Dam Safety teams that are relevant to coastal flood resilience. DCR will distribute materials to other partners, including NGOs and the TAC. Materials will contain links to DCR webpages and newsletter sign-ups to direct recipients to public participation opportunities.
<b>DCR Webpage Updates</b>	DCR will maintain its website up-to-date with information on opportunities for public participation in the CRMP Phase II.
<b>Press Releases</b>	DCR will use press releases to advertise major plan updates, particularly the release of the final plan.

## **Purpose:**

- (1) advertise scheduled public participation opportunities;
- (2) build awareness of the CRMP Phase II on an ongoing basis.

# Information Sharing Networks

- Monthly DCR/NGO Coordination Meetings: environmental advocacy groups
- Virginia Conservation Network: environmental advocacy groups
- Resilient Virginia
- Coastal CRS Work Group: NFIP communities/local government staff
- Virginia Council on Environmental Justice
- VDEM Partners in Preparedness Newsletter: general public
- EPA Region III monthly meetings: 7 federally recognized tribes
- Professional Associations: VFMA, Virginia AIA, Virginia APA, Virginia ASLA, APWA Mid-Atlantic, VEMA, ASCE, etc.
- Virginia Association of Counties, Virginia Municipal League
- PDC Public Information Officers: planning district commission staff, local government staff
- State Agency Social Media List: state agency networks
- SWCD Listserv
- Virginia Tech Extensionists
- CBNERR
- RAFT Team (to share with their broader network): RAFT alumni localities
- Hampton Roads Adaptation Forum (ODU ICAR): wide variety of practitioners in Hampton Roads region and beyond
- Coastal Virginia Adaptation and Resilience Consortium (ODU ICAR): wide variety of practitioners in Hampton Roads region and beyond
- Local government committees and commissions (ex., Chesapeake Natural Event Mitigation Advisory Committee)
- **Other networks to reach?**
  - **Houses of worship?**
  - **Social services providers?**
  - **Private sector (Chambers of Commerce, Real Estate, etc.)**
  - **State councils and working groups?**

# Schedule

Milestone	Date
<i>Launch Coastal Resilience Web Explorer User Portal (complete)</i>	<i>September 2023</i>
Finalize working outreach and engagement strategy	End of November 2023
Finalize public outreach campaign materials design	End of December 2023
Receive feedback in response to end user survey	End of December 2023
Conclude tribal consult meetings, locality meetings	April 2024
Final day to submit projects and initiatives to the Coastal Resilience Web Explorer User Portal for consideration in the plan	End of April 2024
Launch web explorer participatory mapping tool	End of June 2024
Conclude underserved community meetings	Mid-July 2024
Host mid-point virtual public meetings	Beginning of August 2024
Post plan to Town Hall for public comment	December 2024

# Monitoring Progress

COEP Goal	COEP Expected Outcome	Monitoring Progress
Collaborate across existing flood resilience planning efforts and other existing outreach and engagement.	Plans are aligned and integrated with existing federal, state, and local programs to provide additional resources and synergies.	% of state, regional, and local government Tier 1 stakeholders engaged during the plan.
Seek out the participation of affected and vulnerable stakeholders.	Stakeholders representative of the diverse demographic and geographic communities across Virginia vulnerable to the social and physical impacts of flooding are engaged in planning processes.	# of underserved communities represented in public participation methods.

# Monitoring Progress

COEP Goal	COEP Expected Outcome	Monitoring Progress
<p>Provide access to information and opportunity for participation in the full cycle of decision-making to affected and vulnerable stakeholders.</p>	<p>At each step of the planning process, the Department has access to high-quality, usable feedback representing the perspectives of those stakeholders who will be most impacted by the plans.</p>	<p># of stakeholder comments and instances of feedback received.</p> <p># of individuals reached by information sharing methods.</p> <p>% of meeting participants responding favorably to feedback surveys.</p>
<p>Incorporate the views and perspectives of these communities into the decisions included in the plans.</p>	<p>Each plan reflects the feedback collected through stakeholder engagement.</p>	<p>% of plan elements for which stakeholder feedback was considered prior to plan completion.</p> <p>(Elements: flood hazard exposure model, flood hazard impact assessment, financial needs quantification, planned resilience action analysis, TAC subcommittee recommendations)</p>

# CRMP Phase II O&E Strategy

## DCR Requests for TAC Subcommittee Feedback

- Does the subcommittee concur with implementing the strategy?
  - Any revisions to be made?
- Recommendations for connecting with audiences of interest:
  - Identifying priority localities.
  - Identifying organizations representing underserved communities.
  - Information-sharing networks to help spread messages.
- End User Stakeholder Survey feedback.
- Metrics for monitoring progress toward outreach and engagement goals.



# Subcommittee Discussion

# New Business

Subcommittee Discussion

# Public Comment

If you seek to provide public comment, please sign up either in-person or virtually using the Chat window.

# Action Items, Scheduling

- Action Item Review
- Meeting Recurrence Survey Results:
  - Preference for Tue/Wed/Thu mornings
- Full TAC Meeting on December 15, 2023 (all virtual)
- 2024Q1 Subcommittee Meeting
  - Agenda Items: Outreach & Engagement Implementation Feedback and Support, Recommendations for Future Plans



# User Survey: Virginia Coastal Resilience Master Plan

**We recommend completing this survey on a desktop for the best experience.**

The Virginia Department of Conservation and Recreation's Office of Resilience Planning is collecting feedback from intended end users of the Coastal Resilience Master Plan. We aim to understand how different audiences have used the Phase I plan, and what products would be most useful to include in the Phase II plan (due to be completed in December 2024).

This survey is intended for anyone who may use the Coastal Resilience Master Plan in a professional capacity, such as:

- Planning District Commission staff
- Local Government staff
- State Agency and Program staff
- Tribal Governments
- Others supporting the organizations above in developing and implementing flood resilience activities

There are 20 questions, which should take approximately 15 minutes to complete.

The survey will be open until December 8, 2023.

Learn more about the Coastal Resilience Master Plan: [dcr.virginia.gov/crmp/](https://dcr.virginia.gov/crmp/).

\* Required

## Your Information

1. Name \*

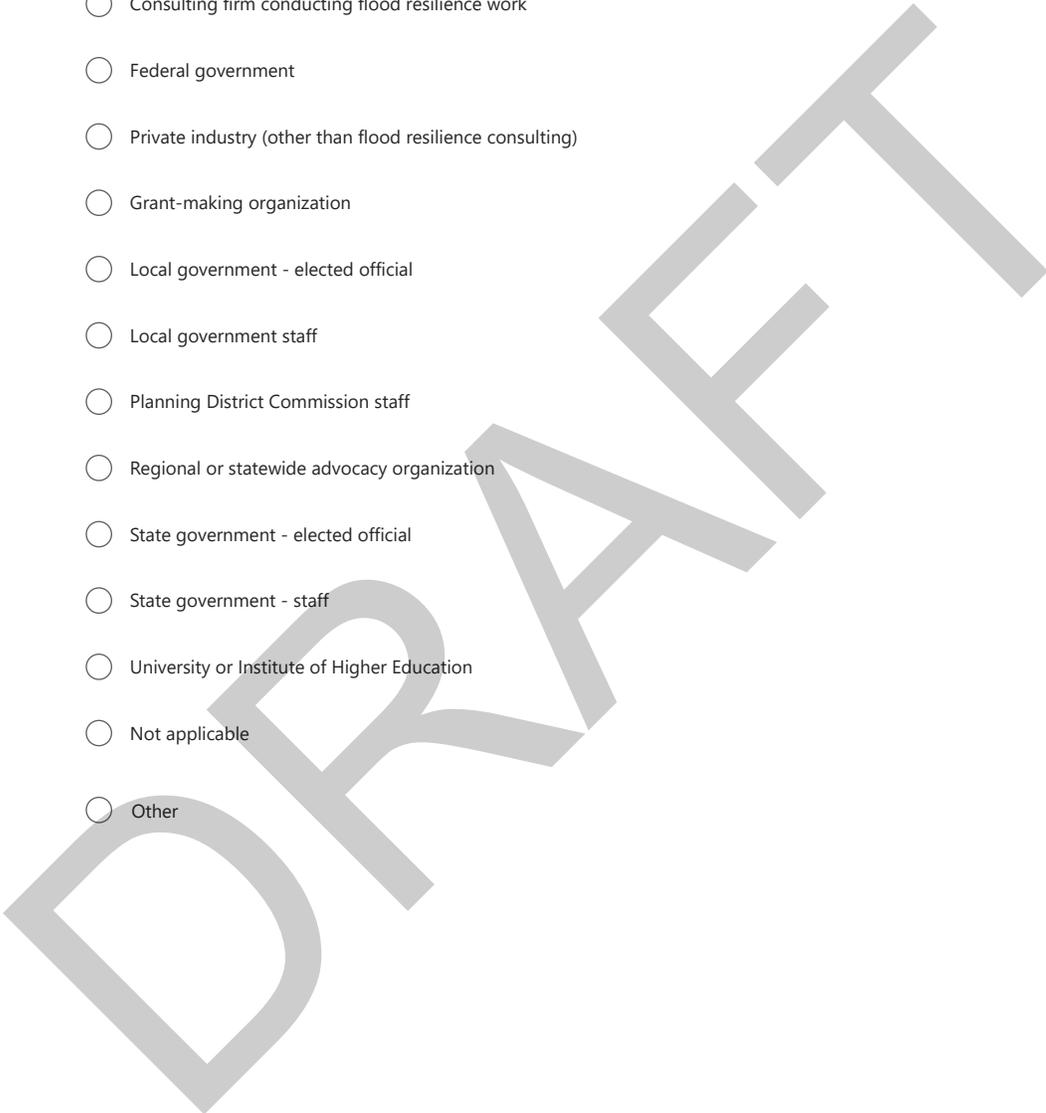
2. Title \*

3. Email Address \*

4. Employer Name \*

5. Please indicate which of the following best represents your employer's primary function. \*

- Community-based organization
- Consulting firm conducting flood resilience work
- Federal government
- Private industry (other than flood resilience consulting)
- Grant-making organization
- Local government - elected official
- Local government staff
- Planning District Commission staff
- Regional or statewide advocacy organization
- State government - elected official
- State government - staff
- University or Institute of Higher Education
- Not applicable
- Other



### Coastal Resilience Master Plan, Phase I

Phase I of the Virginia Coastal Resilience Master Plan was released in December 2021. The plan produced a PDF document, a Coastal Resilience Web Explorer, and two Open Data Portals. These products present information on anticipated exposure and impacts of coastal flooding (tidal flooding and coastal storm surge flooding) on community resources, critical sectors, and natural infrastructure now and into the future, when conditions are anticipated to change as a result of sea level rise.

6. Which of the Coastal Resilience Master Plan products have you used in your work? \*

- PDF Plan Document: <https://www.dcr.virginia.gov/crmp/document/VirginiaCoastalResilienceMasterPlan-Print.pdf>
- Coastal Resilience Web Explorer: <https://experience.arcgis.com/experience/9e32e928ed304fa98518b71905e43085>
- Open Data Downloads: <https://crmp-vdcr.hub.arcgis.com/> and <https://registry.opendata.aws/vadcr-crmp-aws/>
- None

7. Please rank the overall usefulness of the Coastal Resilience Master Plan products. \*

	Extremely Useful	Somewhat useful	Neutral	Somewhat not useful	Not useful at all
PDF Plan Document	<input type="radio"/>				
Coastal Resilience Web Explorer	<input type="radio"/>				
Open Data Downloads	<input type="radio"/>				

8. Please provide any comments regarding the usefulness of the Coastal Resilience Master Plan products.

9. Consider the following potential use cases of the Coastal Resilience Master Plan products. Which of the following responses best reflect how you use the plan in your work? \*

	Have used previously	Will use in the future	Could use, but do not intend to	Cannot use (product is insufficient)	Use case is not applicable
Advocacy Activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Capital investment decisions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grant making	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grant seeking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Plan development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Policy making	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Program/operational decisions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public education and awareness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. Have you used the Coastal Resilience Master Plan products in other ways? If so, please describe the product and its applications.

11. Have you encountered any limitations in the plan's products that have prevented you from using them how you would like? If so, please describe the product and its limitations.

12. What content would you most like to see included in future PDF plan documents?

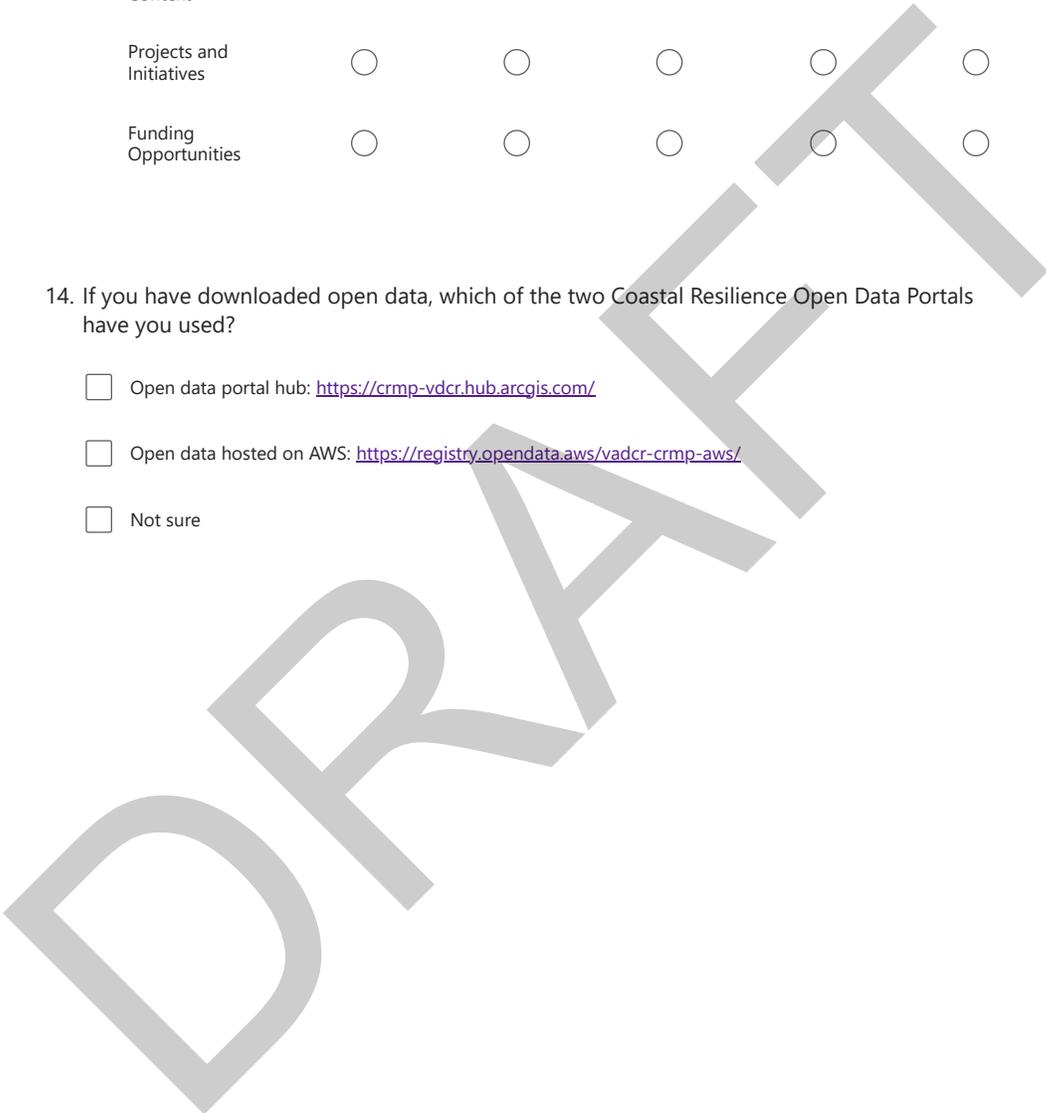
13. Please rank the usefulness of the Coastal Resilience Web Explorer tools.

<https://experience.arcgis.com/experience/9e32e928ed304fa98518b71905e43085> \*

	Extremely Useful	Somewhat Useful	Neutral	Somewhat not useful	Not Useful at All
Hazards	<input type="radio"/>				
Impacts	<input type="radio"/>				
Community Context	<input type="radio"/>				
Projects and Initiatives	<input type="radio"/>				
Funding Opportunities	<input type="radio"/>				

14. If you have downloaded open data, which of the two Coastal Resilience Open Data Portals have you used?

- Open data portal hub: <https://crmp-vdcr.hub.arcgis.com/>
- Open data hosted on AWS: <https://registry.opendata.aws/vadcr-crm-aws/>
- Not sure



### Funding Flood Resilience Activities

15. What types of financing have you *successfully used* to fund your flood resilience activities (projects, staffing, initiatives, planning, etc.)? \*

- Traditional Bonds
- Green Bonds/Environmental Impact Bonds
- State Grant Funding
- Federal Grant Funding
- Federal Technical Assistance/Cost Share
- Special Tax
- Other

16. What types of financing have you *sought* to fund your flood resilience activities (projects, staffing, initiatives, planning, etc.)? \*

- Traditional Bonds
- Green Bonds/Environmental Impact Bonds
- State Grant Funding
- Federal Grant Funding
- Federal Technical Assistance/Cost Share
- Special Tax
- Other

17. Are there any specific barriers that have prevented you from seeking or accessing funding for flood resilience activities? \*

18. What could the Commonwealth do to help address barriers that prevent you from seeking or accessing funding for flood resilience activities? \*

- Model ordinances where policy making is required
- Targeted education on flood resilience financial needs and options for elected officials or other leaders
- Best practices and case studies highlighting where flood resilience funding has been successful
- Training for local government staff or elected officials regarding establishing structures to support flood resilience financing
- Direct technical assistance for navigating applications and/or setting up structures to manage resilience
- Resources for evaluating grant funding opportunities (Making go/no go application decisions)
- Recommended metrics to support prioritization of flood resilience activities to fund
- Other

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## General

19. Are there any other ways in which the Commonwealth could support your organization's flood resilience needs?

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