

Virginia Coastal Resilience Technical Advisory Committee

Funding Subcommittee Quarterly Meeting

Thursday, May 23rd, 2024, 10:00 am

All Virtual Meeting

Virtual Access: [Register Online](#)

Name	Title	Organization
Shawn Crumlish (Chair)	Executive Director	Virginia Resources Authority
Peter D'Alema (Alternate Chair)	Director of Program Management	
William Curtis	Assistant Director	Assistant Director of DHCD
Whitney Katchmark	Principal Water Resources Engineer	Hampton Roads Planning District Commission
Ben McFarlane (A)	Chief Resilience Officer	
Lewis L. Lawrence, III	Executive Director	Middle Peninsula Planning District Commission
Curtis Smith (A)	Deputy Director	
Kristin Burhop	Vice President for Public Policy and Legislative Affairs	Virginia Chamber of Commerce
Keith Martin	Executive Vice President, Public Policy and Government Relations	
Robert Coates	Director, Grant Management and Recovery Division	Virginia Department of Emergency Management
Debra Messmer (A)	State Hazard Mitigation Officer	
Chris Swanson	Environmental Division Director	Virginia Department of Transportation
Christopher Berg (A)	Assistant Division Director	
Claire Gorman	Environmental Specialist, Habitat Management	Virginia Marine Resources Commission
Dr. Troy Hartley	Director	Virginia Sea Grant

Meeting Agenda

- Call to Order, Roll Call, and Introductions
- Adoption of Meeting Agenda
- Adoption of 2024Q1 Subcommittee Meeting Minutes
- Subcommittee Overview
- Old Business
 - CRMP2 Financial Information Update
 - Subcommittee Recommendations
- Public Comment
- New Business
 - Subcommittee Members Discussion
- Action Items, Scheduling
- Adjourn

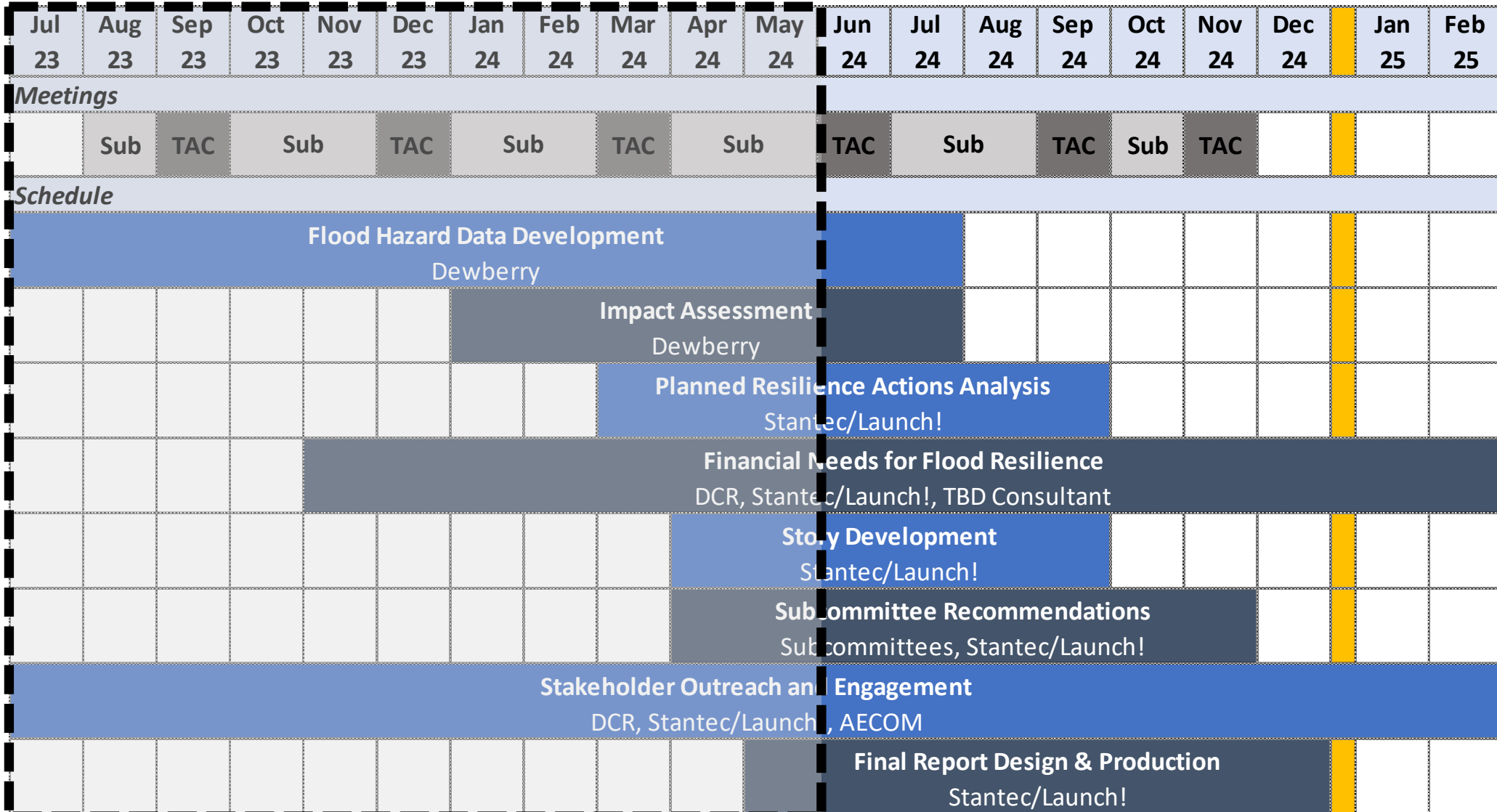
Funding Subcommittee Objectives

- Inform quantification of financial need for flood resilience.
 - What funding needs should be identified in the CRMP Phase II, including to guide appropriations needs?
- Identify and examine financial tools and processes that are suited and/or needed to implement flood resilience.
- Identify challenges/opportunities to implementing financial tools.
- Develop recommendations for future planning.

This includes, but is not limited to:

 - Recommend approach to quantifying and presenting financial need for flood resilience during future planning efforts.

Plan Development Timeline



Subcommittee Schedule

2023Q3	CRMP PII – Identify Financial Needs
2023Q4	CRMP PII – Identify Financial Needs
2024Q1	CRMP PII – Prioritize Financial Needs
2024Q2	CRMP PII – Financial Assessment Update Future Plans – Recommendations
2024Q3	CRMP PII – Financial Assessment Update Future Plans – Recommendations
2024Q4	Future Plans – Final Recommendations

Old Business

CRMP2 Financial Information Update
Subcommittee Recommendations

Coastal Resilience Master Plan, Phase 2

Financial Information Included in the Plan

- Flood Hazard Impact Assessment
 - \$ Building/Structures Average Annualized Loss (AAL)
 - \$ Ecosystems Service Loss
 - \$ Regional Economic Impacts
 - \$ Local Real Estate Tax Revenue Impacts
- Contextual Information
 - \$ Locality Economic Capacity/Indices
 - \$ Natural Infrastructure Ecosystem Services Baseline Valuation
- Planned Resilience Actions
 - \$ of Projects and Initiatives
- Potential Case Studies
 - VIMS Research Project: Valuation of Ecological & Social Benefits Provided by Marshes and Living Shorelines for Communities and Fisheries in Middle Peninsula



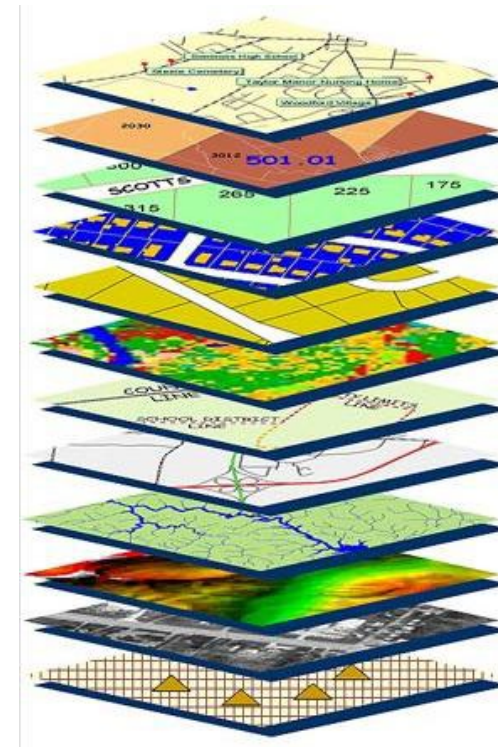
Additional CRMP2 Updates

- Coastal Resilience Web Explorer Funding Opportunities Updates

The screenshot shows the 'Funding Opportunities' section of the Virginia Coastal Resilience Web Explorer. It includes a search bar with the text 'Search by Column: Name' and a 'Clear' button. Below the search bar, it indicates 'VA Funding for Projects (Features: 97, Selected: 0)'. A table lists three funding opportunities:

Name	Administering Office	Funding Source	Funding Type	Purpose
Addressing the Impacts of Multiple Stressors on Shellfish Aquaculture Through Research/Industry Partnerships	National Oceanic and Atmospheric Administration (NOAA) Oceanic and Atmospheric Research	NOAA	Federal	Supports: establishing, continuing, and/or expanding collaboration address how acidification and at least one other environmental stre multiple parameter physical, chemical, or biological observing syst
Building Resilience Against Climate Effects: Implementing and Evaluating Adaptation Strategies that Protect and Promote Human Health	National Center for Environmental Health	CDC	Federal	Supports: the building and enhancement of the resilience of U.S. ci overarching strategies. These strategies include 1) collaboration wit data on local climate projections, health effects, social determinants; evaluation of adaptation actions that address the threats identified i to improve adaptation actions and enhance understanding of effec
Bureau of Indian Affairs (BIA) Tribal Climate Resilience Program	Department of Interior, Bureau of Indian Affairs (BIA), Trust Services, Tribal Climate Resilience Program	BIA	Federal	Supports: tribal resilience and ocean and coastal management and prepare for climate change impacts on tribal treat and trust resourc of Available Funding: - Adaptation planning - Ocean and Coastal M or Protect-in-Place Planning - Internships and Youth Engagement

- Mapping Financial Focal Areas



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Comments + Questions

Subcommittee Recommendations

Recommendation Process Overview

Summary of Efforts to Date

Facilitated Discussion

Subcommittee Recommendations

Purpose: Identify opportunities to improve mitigation of severe and repetitive flooding in the coastal region. This may include:

- Actions to implement prior to the next planning phase. (Next 1-4 years)
- Planning process improvements.

Audience: State government, PDCs, local governments, and/or others.

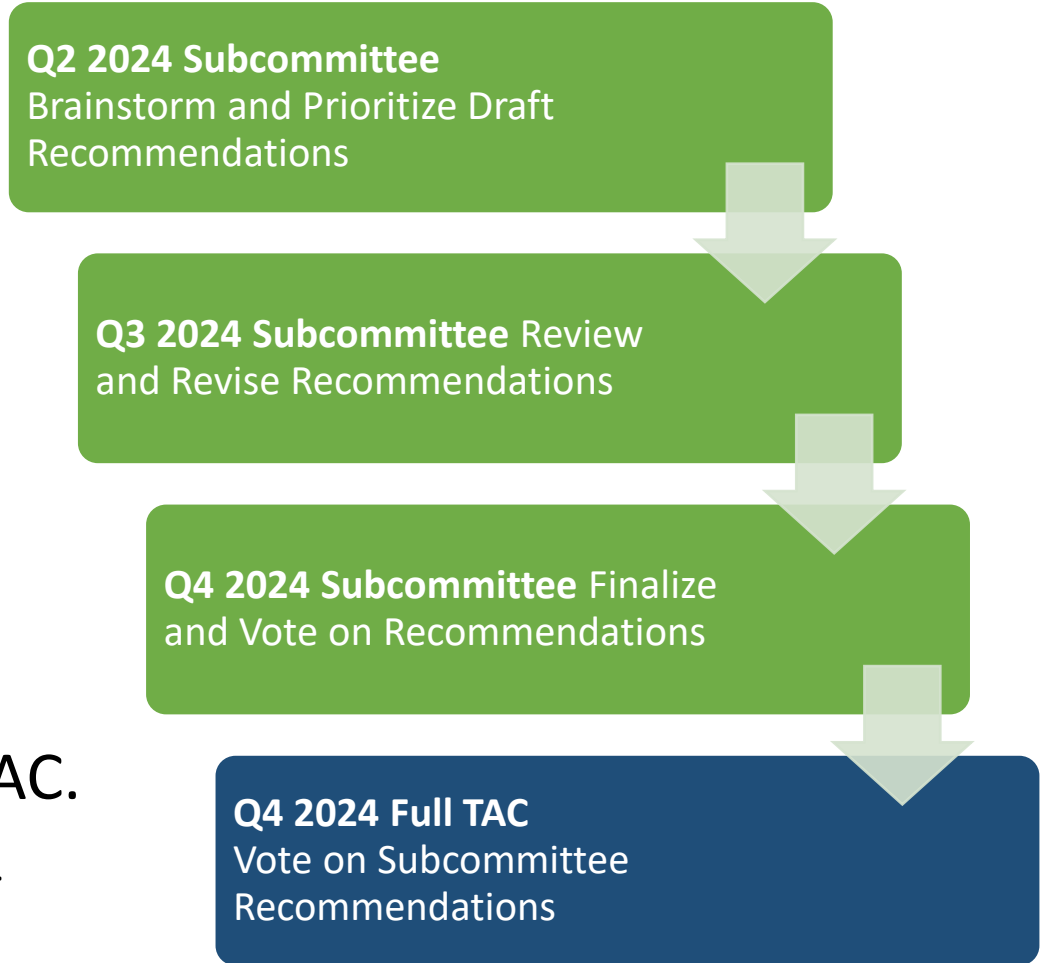
- Recommendations for implementation actions will identify the intended audience in general terms (ex., state agencies).

Aiming for 3-5 recommendations per subcommittee.

Presentation: A section of the final plan document, presented as recommendations of the public body.

Recommendations Development

- Collaborative process
 - Launch team will facilitate discussions.
- Informed by:
 - Prior TAC discussions
 - Phase I plan
 - Stakeholder engagement
 - TAC member surveys
- Final recommendations will be voted on by subcommittee members, followed by full TAC.
 - Subcommittees will report out status updates at Q2 and Q3 Full TAC meetings.



Funding Subcommittee Lines of Effort

LOE-1

Building the Financial Baseline

LOE-2

Making the Financial Case

LOE-3

Document Opportunities for State Support

LOE-4

Providing Guidance and Information

Prioritizing Funding Subcommittee Survey

	Metric	Description	1 – Low	3 – Medium	5 – High
Subcommittee	Impact	How impactful will this information be to building flood resilience?	This information is nice to have but not necessary.	This information can help overcome a small hurdle to progress.	This information can help overcome a major hurdle to progress.
	Urgency	When does this need to be delivered by?	Rolling Basis	2025 VFPMP	2024 CRMP

Subcommittee Recommendations Facilitated Discussion

Recommendation Development

Today's Activities:

- a) Review and refine draft themes as a group
- b) Individually brainstorm recommendations under each theme
- c) Breakout room discussions of recommendations
- d) Discuss recommendations as a group
- e) Prepare to vote on top recommendations before next quarterly meeting

Recommendation Topics

Funding recommendations should primarily focus on topics related to:

- Identify financial needs for flood resilience.
- Identify and examine financial tools and processes that are suited and/or needed to implement flood resilience.
- Identify challenges/opportunities to implementing financial tools.
- Develop recommendations to quantify and present financial needs for flood resilience in future planning efforts.

Draft Recommendation Themes

**1. Building the
Financial
Baseline**

**2. Making the
Financial Case**

**3. Document
Opportunities
for State Support**

**4. Providing
Guidance and
Information**

Draft Recommendation Themes

1. Building the Financial Baseline

Theme Description: Recommend how financial data should guide the state in future efforts to set metrics for flood resilience success.

Questions to Consider: What financial data should be available to support informed decisions and monitor progress?

Example Recommendation: To identify suitable financial solutions, provide financial impacts for private and public owned lands.

Draft Recommendation Themes

2. Making the Financial Case

Theme Description: Identify and examine what type of financial information motivates and enables action.

Questions to Consider: What are the financial challenges to implementing flood risk management strategies?

Example Recommendation: Connect state-led funding opportunities to planning activities.

Draft Recommendation Themes

3. Document Opportunities for State Support

Theme Description: Document opportunities for state support to increase access and reduce barriers to financial tools for flood resilience needs.

Questions to Consider: What financial programs at state-scale can have the greatest impact?

Example Recommendation: Provide coordinated and programmatic financial tool training and technical assistance.

Draft Recommendation Themes

4. Providing Guidance and Information

Theme Description: Provide guidance for funding and financing flood resilience activities to state and local government entities.

Questions to Consider: Are there examples, beyond flood resilience, where state provided guidance and information is well received and utilized?

Example Recommendation: Maintain the Coastal Resilience Web Explorer funding database.

Draft Recommendation Themes

**1. Building the
Financial
Baseline**

**2. Making the
Financial Case**

**3. Document
Opportunities
for State Support**

**4. Providing
Guidance and
Information**

Other Themes?

Recommendation Tips

- Begin each recommendation with a verb
- Recommendations apply prior to next planning phase (next 1 – 4 years)
- Recommendations apply to planning process improvements
- Use general terms for implementation actions (ex: "state agencies" vs. "VDEM")

Breakout Room Discussions

- After arriving in a breakout room, type your recommendations in the chat
- Choose a spokesperson to report back to full group
- Facilitator guides discussion of recommendations
- Return to main room for full group discussion

Full Group Discussion

Choose Top Recommendations

Vote before the next subcommittee meeting via a survey, to be emailed in coming weeks

Comments + Questions

Public Comment

If you would like to provide public comment, please let us know using the Chat window.

Subcommittee Members Discussion

Action Items & Scheduling

- Action Item Review
- Full TAC Meeting on June 18th (all virtual)
- 2024Q3 Meeting (In-Person)
 - CRMP PII – Financial Assessment Update
 - Review and Revise Subcommittee Recommendations