Virginia Coastal Resilience Technical Advisory Committee (TAC)

Subject	TAC 2024 Q3 Meeting	Date	09/18/2024
Chair	DCR Director Matt Wells	Time – START/ADJOURN	10:00am-12:22pm
Location	Hybrid: Patrick Henry Building East Reading Room / Virtual	Scribe	Wheeler Wood (CPP)

TAC Members		
Title [Alternate Title] **Organization (Abbreviation)**	**Name** **[Alternate Name]**	**Attended?** **V = Virtual**
Director of Planning **Accomack-Northampton Planning District Commission (A-NPDC)**	Anne Doyle	
Flood Planning Director [Strategy Program Analyst] **American Flood Coalition (AFC)**	Jack Krolikowski [Catie Malone]	[V]
Chief **Chickahominy Indian Tribe**	Chief Stephen Adkins	
Chief **Chickahominy Tribe Eastern Division**	Chief Gerald A. Stewart	
Executive Director [Director of Environment, Economic Development, & Housing] [Environmental/Resilience Planner] **Crater Planning District Commission (Crater PDC)**	Jay Ellington [Andrew Franzyshen] [Kit Friedman]	[Y]
Executive Director [Historic Preservation Officer] **Fort Monroe Authority**	Glen Oder [David Stroud]	[Y]
Executive Director [Deputy Director] **George Washington Regional Commission (GWRC)**	Charles P. Boyles, II [Kate Gibson]	
Chief Resilience Officer [Principal Water Resources Engineer] **Hampton Roads Planning District Commission (HRPDC)**	Ben McFarlane [Whitney Katchmark]	
Executive Director [Deputy Director] **Middle Peninsula Planning District Commission (MPPDC)**	Lewis L. Lawrence, III [Curtis Smith]	Y
Chief **Monacan Indian Nation**	Chief Kenneth Branham	
Environmental Program Coordinator **Nansemond Indian Nation**	Cameron Bruce	
Environmental Planner **Northern Neck Planning District Commission (NNPDC)**	Brianna Heath	V
Director of Environment and Resiliency Planning [Coastal Zone Program Manager] **Northern Virginia Regional Commission (NVRC)**	Norm Goulet [Rebecca Murphy]	[Y]

TAC Members		
Title [Alternate Title] **Organization (Abbreviation)**	**Name** **[Alternate Name]**	**Attended?** **V = Virtual**
Chief Data Officer [Deputy Chief Data Officer] [Director Data Protection and Governance] **Office of Data Governance and Analytics (ODGA)**	Ken Pfeil [Marcus Thornton] [Chris Burroughs]	[Y]
Chief Diversity, Opportunity, and Inclusion Officer [Deputy Chief Diversity Officer] **Office of Diversity, Opportunity and Inclusion (ODOI)**	Martin Brown [Michael Perez]	[Y]
Director of the Institute for Coastal Adaptation and Resilience [Director of Applied Projects, CCRFR] **Old Dominion University – Institute for Coastal Adaptation and Resilience (ODU ICAR)**	Dr. Jessica Whitehead [Carol Considine]	V
Chief **Pamunkey Indian Tribe**	Chief Robert Gray	
Planning Manager, Environment Program [Resilience Planner] **PlanRVA**	Sarah Stewart [Eli Podyma]	Y
Chief **Rappahannock Indian Tribe**	Chief G Anne Richardson	
Secretary and Chief Resilience Officer **Secretary of Natural and Historic Resources (SNHR)**	Travis Voyles	
Director, Volgenau Virginia Coastal Reserve **The Nature Conservancy (TNC)**	Jill Bieri	[V]
Commander Deputy Chief, Water Resources Division **U.S. Army Corps of Engineers, Norfolk District (USACE)**	Colonel Sonny Avichal` [Greggory Williams]	Y
Director of the Environmental Institute **University of Virginia, Environmental Institute (UVA – EI)**	Dr. Karen McGlathery	V
Tribal Administrator **Upper Mattaponi Indian Tribe**	Reggie Tupponce	
Executive Vice President, Public Policy and Government Relations [Vice President for Public Policy and Legislative Affairs] **Virginia Chamber of Commerce**	Keith Martin [Kristin Burhop] [Ethan Betterton]	[Y]
Director **Virginia Department of Conservation and Recreation (DCR)**	Matthew Wells	Y
Director, Grant Management and Recovery Division [State Hazard Mitigation Officer] [State Hazard Mitigation Officer] **Virginia Department of Emergency Management (VDEM)**	Robert Coates [Debra Messmer] [Katie Vugdalic]	[Y]
Chief Deputy [Manager of the Office of Wetlands and Stream Protection] **Virginia Department of Environmental Quality (DEQ)**	Alexander Samms [Dave Davis]	Y

TAC Members		
Title [Alternate Title] **Organization (Abbreviation)**	**Name** **[Alternate Name]**	**Attended?** **V = Virtual**
Assistant Director **Virginia Department of Housing and Community Development (DHCD)**	William Curtis	
Environmental Division Director [Assistant Division Director] **Virginia Department of Transportation (VDOT)**	Chris Swanson [Christopher Berg]	[Y]
Senior Vice President Governmental Relations [Legislative Specialist, Governmental Relations] **Virginia Farm Bureau (VAFB)**	Martha Moore [Katelyn Rose Jordan]	[V]
Associate Dean for Research and Advisory Services [Assistant Professor] [Associate Director for Advisory Services] **Virginia Institute of Marine Science (VIMS)**	Dr. Mark Luckenbach Dr. Molly Mitchell [Lyle Varnell]	[Y]
President & CEO **Virginia Manufacturers Association (VMA)**	Brett Vassey	
Commissioner [Director of Coastal Policy, Restoration and Resilience] [Chief of Habitat Management] [Environmental Specialist] [Environmental Specialist] **Virginia Marine Resources Commission (VMRC)**	Jamie Green [Rachael Peabody] [Randy Owen] [Khadijah Payne] [Claire Gorman]	[Y] [V]
[Director of Environmental Policy and Compliance] **Virginia Port Authority (VPA)**	[Scott Whitehurst]	[Y]
Executive Director [Director of Program Management] **Virginia Resources Authority (VRA)**	Shawn Crumlish [Peter D'Alema]	Y [Y]
Director **Virginia Sea Grant**	Dr. Troy Hartley	[Y]
Director of the Center for Coastal Studies **Virginia Tech – Center for Coastal Studies (VT – CCS)**	Dr. Wendy Stout	[Y]
Acting Director **Virginia Transportation Research Council (VTRC)**	G. Michael Fitch, Ph.D.	[Y]
Executive Director [Policy Program Director] **Wetlands Watch**	Mary-Carson Stiff [Ian Blair]	[Y]
Asst. Provost for Coastal Resilience/Director **W&M Virginia Coastal Resilience Collaborative (VCRC)**	Thomas Ruppert	[Y]

TAC Advisors		
Name	**Title** **Organization (Abbreviation)**	**Attended?** **Y = Virtual**
Joseph Howell	Regional Community Plans & Liaison Officer **Navy Region Mid-Atlantic (Navy)**	V

TAC Staff		
Name	**Title (Organization Abbreviation)**	**Attended? V = Virtual**
Matt Dalon	Resilience Planning Program Manager, DCR	Y
Carolyn Heaps-Pecaro	Resilience Planning Program Coordinator, DCR	Y
Arthur Kay	Lead Mapping & Data Analyst, DCR	Y
Ellie Plisko	VCU Wilder Fellow, DCR	Y
Wheeler Wood	Consultant, VCU Center for Public Policy (CPP)	Y
Linda Warren	Consultant, Launch! Consulting	Y
Cece Atkinson	Consultant, Launch! Consulting	Y
Joe Girard	Consultant, Launch! Consulting	Y
Sarah Girard	Consultant, Launch! Consulting	Y

Members Of The Public Requesting To Speak During Public Comments
Name
None

Reference Links	
Item	**Link**
Meeting Agenda	https://www.dcr.virginia.gov/crmp/meeting/document/2024q3-tac-agenda.pdf
Meeting Handouts/Presentation Slide	https://www.dcr.virginia.gov/crmp/meeting/document/2024q3-tac-meeting-materials.pdf
Video Recording of the Meeting	https://youtu.be/D9w5amv9xGM
Additional Links:	

Agenda Item	Minutes
1. Call to Order, Roll Call, and Introductions	Chair of the TAC, Director Matt Wells (DCR) started the call at 10:00 a.m. and roll was taken. He noted this was the next to last meeting of the TAC. The focus of the meeting would be a review of the draft subcommittee recommendations and members will have an opportunity to provide feedback. A vote to approve the recommendations at the next meeting.
2. Adoption of Meeting Agenda	Director Wells (DCR) asked members to move to adopt the agenda and all members approved by voice vote.
3. Adoption of Meeting Minutes from June 18th, 2024	Director Wells then asked about the adoption of the minutes and all members approved by voice vote.
4. Reports from DCR	Chair Well announced DRC has opened round five (closing in November 9) of the Community Flood Preparedness Fund which will look a lot like round four in terms of what is on offer, $50,000,000 in grants for the categories of planning capacity building studies, and resilience projects, $25,000,000 in long term loans for resilient projects, and then $10,000,000 in short term loans or startup funding. Round four awarded $54,000,000 for 50 projects with a little less than two thirds of going to low income geographic areas. The fund was supplemented with $100,000,000 from general funds detailed in the FY25/26 budget. Chair Wells noted that with Round 5, Resilient Virginia revolving loans can now be used as a match for projects. Financial information will not be asked initially to help facilitate the submission process; financial information will be collected after the award is made. Also new in this round will be the extension of the period of performance for resilience plans and planning and capacity building to five years. In conjunction, existing resilience plans have been extended for five years as have capacity building grant periods of performance. Support is now in place to get an additional one year extension on projects (maximum of 2 one year extensions). It was presented that DCR is conducting a review of both the Impoundment Structure Regulations and the Dam Safety Act, using separate stakeholder groups, with a goal to have proposed regulatory amendments and statutory amendments, endorsed by the administration, and presented to this Board at its scheduled meeting on December 11. He reviewed the status and structure of the Interagency Resilience Management Team (IRMT) and Matt Dalon noted that requests for nominations have been requested. The Flood Resilience Advisory Committee will replace the TAC with a statewide focus. Meetings for both groups have not been scheduled yet. Mr. Dalon noted the upcoming meeting for the Virginia Flood Protection Master Plan Update on September 26. Arcadis has been engaged as a consultant

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	supporting this effort. Data related to this effort, with some limitations, will be available to use across the Commonwealth. Mr. Dalon introduced Ellie Plisko, a VCU Wilder Fellow, who is supporting the Office of Resilience Planning this academic year. He provided an update on the Virginia Coastal Resilience Master Plan, Phase II. Deliverables include a PDF version of the plan as well as an updated Coastal Resilience Web Explorer. Analysis has been expanding to include pluvial and fluvial data. Risk tolerances will now be focused on either high or moderate scenarios (low risk tolerance language is cumbersome). He presented a High Scenario Moderate Scenario with related projections (no projections for riverine impacts). A schedule of Outreach and engagement activities through February 2025 was presented including upcoming community meetings. Marketing materials are now available
5. Reports from TAC Subcommittees	Linda Warren of Launch! detailed the steps for TAC to review the 20 draft subcommittee recommendations (5 per subcommittee). Below is a list of the draft recommendations with highlights from the TAC member discussion. Outreach and Coordination O-a. Maintain list of funding to support CRMP implementation • No comments or discussion O-b. Make the case for continued flood resilience funding • Clarity requested on what is meant by "making the case" and "funding" • Discussion followed regarding scoping to only the "administration" • Subcommittee to review the role of the CRO • Need to highlight were recommendations were consolidated from multiple subcommittees O-c. Increase support for end users of the CRMP • Need a framework that is flexible to support the nature of projects and prioritization based on dynamic needs. O-d. Create a coordinated strategy to increase CRMP use • It was noted to have similarity with O-c but with an expanded audience. Could be combined with O-c to allow an additional recommendation. O-e. Identify populations/ communities with greatest flood risk and coordinate with localities for outreach • Should revisit how localities may interpret their role compared to the State and include incentives to address the issues, e.g., State identifies resources

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	for localities. Focus more on partnership and engagement versus a one-way flow of information.

Project Prioritization

P-a. Incorporate sound forward-looking data for flooding and other factors in future CRMP updates

- Update location with focus on "sustaining"
- Growth can include demographic and economic growth
- Should include historical data along with forward looking

P-b. Establish funding source for CRMP

- State agencies are likely not eligible for CFPF funds. The budgeting process establishes funding sources.
- DCR should more directly connect the CFPF to the CRMP
- Consider replacing state agencies with "the Commonwealth"

P-c. Coordinate the development and maintenance of flood impact datasets

- Every agency has a different definition of "regions" – need a common understanding of how a region is defined.
- Reconsider the role of the CRO in coordination between agencies
- May be an opportunity for the IRMT
- Clarify meaning on non-sensitive datasets

P-d. Support flood resilience action by localities in areas without projects or initiatives

- Clarity is needed regarding what projects are included
- Recognize capacity challenges for localities and identify ways and levels of assistance the State can provide
- Expand on what is meant by "active programs"
- Clarify how higher education institutions can support resilience needs

P-e. Operationalize the CRMP at multiple scales.

- Language will be clarified at next subcommittee meeting
- For all Project Prioritization recommendations, none of these recommendations detail fundamental criteria for prioritizing projects. Data is critical but other factors are involved and not addressed in this recommendation. A recommendation may be to further explore project prioritization metrics and framework outside of this process (include factors for State, local and PDC).

Funding

F-a. Communicate risks of inaction

- Discussion occurred regarding oversight of government finance

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	• Should revisit the reference to "state agencies" to determine if that is appropriate
	
	F-b. Promote financial benefits of resilience investments
	
	• Discussion took place about how much the economic development community knows about investing in resilience.
	• Concern about the cost of doing nothing – would be helpful to have the economic development community educated on the value of doing resilience activities to preserve current jobs as well as thinking about the new jobs
	• Clarity needed regarding the phase "benefits of local development with water"
	
	F-c. Share financial resources for initiatives statewide
	
	• Question was asked about who is data being shared with and clarity is requested, e.g., sharing within sectors and sharing to localities
	
	F-d. Identify financial needs for public and private sectors.
	
	• Scope as financial needs related to flood and clarity on challenges related to
	    o public or private projects
	    o how the money is structured
	    o cash flows
	    o how it moves from different agencies
	
	F-e. Use an adaptive financial management approach
	
	• Discussion about how well this recommendation tries to generate funding that is either positive financial impact from the challenges of resilience or that at minimum seeks to maintain a status quo.
	
	Research, Data, & Innovation
	
	R-a. Coordinate on data and data efforts
	
	• No comments or discussion
	
	R-b. Adopt responsibility for data needs to support planning and decision-making
	
	• It appears during consolidation or recommendations, words were altered (e.g., temporal) that changed the intent of the recommendation. Subcommittee will revisit.
	
	R-c. Define resilience success indicators and success assessment methods
	
	• Discussion took place on appropriateness of the scope of public and private properties (types of projects). There is likely value partnering with and supporting private property owners to help them make informed decisions.
	• Need to clarify intent, e.g., focus is on projects implemented to determine if they are successful/effective and options for data collection.

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	R-d. Understand state-level program gaps and develop strategy to meet local needs • Need to update the purpose • May need to clarify what is meant by local government stakeholders • Should revisit language in all the recommendations to be consistent, e.g., localities, local governments, local government stakeholders. • Consider addressing obstacles and gaps to ensure engagement with locals and the State. R-e. Collaborate on nature-based solutions • Need to update the purpose • Remove the parentheses around "including other universities" Is this all universities or the 4 institutes • "use inspired collaborations" was taken from "use inspired collaborative research with public and private partners" – may want to revisit the wording in the subcommittee review. • Convening implies all the parties need to be "in the room" and other universities need to agree to support this physical meeting exercise Louis Lawrence introduced the topic on the existing reliance on "nature based solutions" and whether or not hardened structures will need to be considered as well. "The recommendations don't recognize the gray aspect of managing water." All the subcommittees may want to consider gray infrastructure opportunities. Next steps include the subcommittees revising the recommendations based upon the TAC member discussion. The updated recommendations will be presented at the Q4 TAC meeting (November 13) where each organization will have 1 vote to indicate support (or not) of the recommendation; consensus is the goal. Rachael Peabody commented about the value in using "the same language across all of the recommendations, as well as how do the recommendations fit into the new process that was just established last year with the new legislation" to ensure agencies have "the authority, capacity and funding" to implement the recommendations.
6. New Business	None
7. Public Comment	No public comment
8. Adjourn	Members voted to adjourn and Matt Dalon (DCR) closed the meeting at 12:22pm.

The purpose of these minutes is to record and preserve, to the best of our ability, the major contributors and general topics covered during this meeting. Verbatim transcription is not the intent of this document. If you have any questions, please contact flood.resilience@dcr.virginia.gov