

### Virginia Coastal Resilience Technical Advisory Committee (TAC)

<b>Subject</b>	TAC Meeting 2023-Q2	<b>Date</b>	06/27/23
<b>Chair</b>	DCR Director Matt Wells	<b>Time – START/ADJOURN</b>	9:30am/11:23am
<b>Location</b>	Patrick Henry Building East Reading Room 111 E Broad St, Richmond, VA	<b>Scribe</b>	Sarah Jackson, VCU

TAC Members		
<b>Name [Alternate Name]</b>	<b>Title [Alternate Title] Organization (Abbreviation)</b>	<b>Attended? V = Virtual</b>
Chief W. Frank Adams	Chief Upper Mattaponi Tribe	
Chief Stephen Adkins	Chief Chickahominy Indian Tribe (Chickahominy)	
Chief Keith F. Anderson [Cameron Bruce]	Chief [Environmental Program Coordinator] Nansemond Indian Nation (Nansemond)	[Y]
Elizabeth Andrews	Director of the Virginia Coastal Policy Center William & Mary School of Law (W&M)	
Jill Bieri	Director, Volgenau Virginia Coastal Reserve The Nature Conservancy (TNC)	
Chip Boyles [Meredith Keppel]	Executive Director [Environmental Planner] George Washington Regional Commission (GWRC)	[Y]
Chief Kenneth Branham	Chief Monacan Indian Nation (Monacan)	
Evan Branosky [Dave Davis]	Chief Stormwater Policy Advisor [Manager of the Office of Wetlands and Stream Protection] Virginia Department of Environmental Quality (DEQ)	
Martin Brown [Michael Perez]	Chief Diversity, Opportunity, and Inclusion Officer [Special Assistant] Office of Diversity, Opportunity, and Inclusion (ODOI)	[Y]
Kristin Burhop	Vice President for Public Policy and Legislative Affairs VA Chamber of Commerce	
Robbie Coates [Debbie Messmer]	Director, Grant Management and Recovery Division [State Hazard Mitigation Officer] Virginia Department of Emergency Management (VDEM)	Y
Shawn Crumlish	Executive Director Virginia Resources Authority (VRA)	Y
Bill Curtis	Assistant Director Virginia Department of Housing and Community Development (DHCD)	Y
Michael Fitch	Acting Director Virginia Transportation Research Council (VTRC)	Y

Norm Goulet [Rebecca Murphy]	Director of NVRC's Environment and Resiliency Planning [Coastal Zone Program Manager] Northern Virginia Regional Commission (NVRC)	[Y]
Chief Robert Gray	Chief Pamunkey Indian Tribe (Pamunkey)	
Jamie Green [Randy Owen] [Rachael Peabody] [Zach Widgeon]	Commissioner [Chief of Habitat Management] [Director of Coastal Policy, Restoration and Resilience] [Public Information Officer] Virginia Marine Resources Commission (VMRC)	[V]
Colonel Brian P. Hallberg [Gregg Williams]	Commander [Deputy Chief, Water Resources Division] U.S. Army Corps of Engineers, Norfolk District (USACE)	Y
Dr. Troy Hartley	Director Virginia Sea Grant (Sea Grant)	Y
Brianna Heath	Environmental Planner Northern Neck Planning District Commission (NNPDC)	Y
Whitney Katchmark [Ben McFarlane]	Principal Water Resources Engineer [Senior Regional Planner] Hampton Roads Planning District Commission (HRPDC)	Y [Y]
Jack Krolkowski	Flood Planning Director American Flood Coalition	
Lewie Lawrence [Curt Smith]	Executive Director [Deputy Director] Middle Peninsula Planning District Commission (MPPDC)	Y
Dr. Mark Luckenbach	Associate Dean for Research and Advisory Services Virginia Institute of Marine Science (VIMS)	Y
Keith Martin	Executive Vice President, Public Policy and Government Relations VA Chamber of Commerce	
Dr. Karen McGlathery	Director of the Environmental Institute University of Virginia (UVA)	
Martha Moore [Katelyn Jordan]	Senior Vice President, Governmental Relations [Legislative Specialist, Governmental Relations] Virginia Farm Bureau	Y
Jay Ellington	Executive Director Crater Planning District Commission (CraterPDC)	Y
Ken Pfeil [Marcus Thornton]	Chief Data Officer [Deputy Chief Data Officer] Office of Data Governance and Analytics (ODGA)	Y
Chief G Anne Richardson	Chief Rappahannock Indian Tribe (Rappahannock)	
Jessica Steelman	Coastal Planner Accomack-Northampton Planning District Commission (A-NPDC)	V
Chief Gerald A. Stewart	Chief Chickahominy Tribe Eastern Division (Chickahominy-ED)	

Sarah Stewart [Nicole Keller]	Planning Manager, Environment Program [Resilience Planner] PlanRVA (PlanRVA)	Y [Y]
Mary-Carson Stiff [John Bateman]	Executive Director [Policy Director] Wetlands Watch	Y [Y]
Chris Swanson [Chris Berg]	Environmental Division Director [Assistant Division Director] Virginia Department of Transportation (VDOT)	Y
Reggie Tupponce	Tribal Administrator Upper Mattaponi Indian Tribe (Upper Mattaponi)	
Brett Vassey	President & CEO Virginia Manufacturers Association	
Cathie Vick	Chief Development and Public Affairs Officer Virginia Port Authority	
Travis Voyles	Secretary of Natural and Historic Resources, Chief Resilience Officer (SNHR/CRO)	
Dr. Robert Weiss [Dr. Wendy Stout]	Director of the Center for Coastal Studies [Coastal Resilience Extension Specialist] Virginia Tech (VT)	Y [Y]
Matt Wells (Chair)	Director, Chief Resilience Officer (CRO) via delegated authority Virginia Department of Conservation and Recreation (DCR)	Y
Dr. Jessica Whitehead [Carol Considine]	Director of the Institute for Coastal Adaptation and Resilience [Director of Applied Projects, CCRFR] Old Dominion University (ODU)	[Y]
Vacant	Special Assistant to the Governor for Coastal Adaptation and Protection (SACAP)	

TAC Advisors		
Name	Title Organization (Abbreviation)	Attended? V = 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
Sarah Jackson	Consultant, Virginia Commonwealth University Center for Public Policy (VCU)	Y
Wheeler Wood	Consultant, VCU	Y
Gina Barber	Consultant, VCU	

Attendees		
Name (In-Person)	Name (Virtual)	Name (Virtual)
Eli Podyma	Emily Beacham	Rachel Pierce
Brian Bahen	Maddy Busse	Adam Schellhammer
Sabine Rogers	Pat Calvert	Carol Shobrook
Megan Bronson	Noelle Crowley	Kyle Shreve
Bess Toole	Jefferson Flood	Mitchell Smiley
Grace Tucker	Shane Parson	Grace Tucker
Ginger Barbour	Dash Krempel	Marc Vigeant
Maddy busse	Zach LeMaster	Brian Batten
Dari Sankewsla	Whitney McNamara	Morgan Butler
Jay Ford	M. Moore	William Hardman
Luke Peters	Andy O'Keeffe	Gabi Kinney
Emily Steinhilber	Charlie Paullin	Ashley Montgomery
	Phetmano Phannavong	Henry Pollard
	Ashley Mills	Madison Teeter
	Debrah Gaskins	Bess Toole
	Chris Stone	

Scheduled Speakers	
Name	Title, Organization
Matt Dalon	Flood Resilience Program Manager, DCR
Matt Wells	Director, DCR

Reference Links	
Item	Link
Meeting Agenda	<a href="https://www.dcr.virginia.gov/crmp/meeting/document/20230627-tac-agenda-2-0.pdf">https://www.dcr.virginia.gov/crmp/meeting/document/20230627-tac-agenda-2-0.pdf</a>
Meeting Handouts/Presentation Slides	<a href="https://www.dcr.virginia.gov/crmp/meeting/document/20230627-tac-agenda-presentation-charter.pdf">https://www.dcr.virginia.gov/crmp/meeting/document/20230627-tac-agenda-presentation-charter.pdf</a>
Video Recording of the Meeting	<a href="https://youtu.be/0ehk_iTkYdE">https://youtu.be/0ehk_iTkYdE</a>

Agenda Item	Minutes
1. Call to Order, Roll Call, Introductions	Matt Wells, Director of the Department of Conservation and Recreation called the meeting to order at 9:30 AM. He welcomed the attendees to the meeting on behalf of the Chief Resilience Office and Secretary of Natural and Historic Resources, Travis Voyles who is unable to attend today’s meeting. He asked the attendees to introduce themselves and note the organization that they represent.
2. Adoption of Meeting Minutes from March 16, 2023	Director Wells noted that the first order of business is the consideration and adoption of the Meeting Minutes from the March 16, 2023, meeting of the Coastal Resilience Technical Advisory Committee (TAC) which had been previously distributed to the TAC. A motion was made and seconded to accept the minutes as presented.
3. Reports from DCR	<p>Virginia Coastal Resilience Master Plan Phase II Update:            Matt Dalon, Resilience Planning Program Manager with DCR, provided an overview and update on elements of the Virginia Coastal Resilience Master Plan (CRMP) Phase II. (The PowerPoint Presentation on the Virginia CRMP can be accessed through the “Reference Link” listed above.) These updates included information on the Resilience Web Explorer timeline and Pluvial Modeling study results. The group discussed the update and raised several questions during the presentation. The following items were noted during the presentation:</p> <p>i. Resilience Web Explorer Update</p> <ul style="list-style-type: none"> <li>• The user portal update started in January 2023 and has now passed the initial development phase. The portal will be deployed in early August following internal and external user testing that is currently underway. Virtual trainings covering how to add project and funding data will be available to users following release.</li> <li>• The schedule includes a one-time bulk upload for the 8 coastal PDCs via support from Virginia Coastal Zone Management grant.</li> <li>• It was highlighted that the “Projects and Initiatives” homepage will give users the ability to submit project updates and download reports of current projects in real-time. This feature allows users to view, edit, and export projects while giving DCR visibility on what projects are planned and where there are gaps.</li> <li>• There will be opportunities for future enhancements and development of the user portal after roll-out.</li> </ul> <p>ii. Pluvial Modeling Update</p> <ul style="list-style-type: none"> <li>• Pluvial Modeling is on schedule—pilot study results will be available Mid-July followed by a 6-week review period. Following the review, the TAC will discuss any necessary changes before full production. Review meetings will be planned for late July and August once results are confirmed. DCR is scheduled to complete this effort in Spring 2024.</li> <li>• Pilot study results preview – There are approx. 440 HUC-12 watershed basins across the 8 coastal PDCs, each of which will be modeled. The HUC-</li> </ul>

	<p>12 watersheds will be broken into subbasins ranging from ~5-7 sq miles each. Modeling is running different rainfall precipitation events over that terrain to identify where flooding is likely to occur.</p> <ul style="list-style-type: none"><li>• DCR received comments on interim technical memos 1 and 2 produced by Dewberry during this study. DCR provided a comment matrix to the review group. Once the pilot study results are available that information will be utilized to further review the comments.. Key comments inquired about topographic data resolution, land use cover data, open water boundaries, and climate scenarios.<ul style="list-style-type: none"><li>○ DCR is using best available public data provided by USGS. Digital elevation model from the CRMP study has been updated. For resolution, 10-footgrid cell was chosen to match what was done with coastal storm modeling in Phase I.</li><li>○ Regarding imagery and resolution concerns: the 2019 National Land Use Cover Database is being used, with 30-meter resolution. While different datasets are available, there are trade-offs between the date of the imagery and the resolution of the imagery. The Chesapeake Bay data set was suggested – uses older imagery and has much higher resolution. This project extends beyond the Chesapeake Bay watershed. Similarly, the Virginia Land Cover is even older and has statewide coverage at 1 meter resolution. Outputs from the pilot are needed to weigh these trade-offs and determine whether increasing the resolution of the input will be significant enough to warrant revisiting the land use and topographic data source(s).</li><li>○ Other comments addressed water level fluctuations. This pilot study uses the mean high water elevation that will be projected forward with sea level rise to align with the dates of precipitation projections but will not have elevated tidal boundary conditions based on storm surge for this model. Models will be provided and available for download so these changes can be made—details for how to run various models will be in the user guide.</li><li>○ The pilot study is utilizing three different climate scenarios based on data created by MARISA. This MARISA data is an adjustment factor on current ATLAS 14 data, resulting in a data model coupled to ATLAS 14. ATLAS 14 is scheduled to be updated and replaced by the year 2026. DCR will look at pilot results with RDI Subcommittee to see whether we should proceed with this approach or consider an interval-based approach to forecasting precipitation to cover the climate scenario ranges to increase the model’s shelf life.</li></ul></li></ul> <p>Other DCR Updates Director Matthew Wells of DCR provided agency updates and invited questions regarding the following areas: i. DCR Reorganization and Resilience Planning Website</p>
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	<ul style="list-style-type: none"><li>• Following departure of Wendy Howard Cooper, Director of Dam Safety and Floodplain Management, DCR has reorganized the division into three distinct parts— (1) Division of Dam Safety, (2) Division of Floodplain Management, (3) Office of Resilience Planning—all reporting to Deputy Director Darryl Glover. The new Office of Resilience Planning website will launch next month.</li></ul> <p>ii. Status of Flood Resilience Report Update</p> <ul style="list-style-type: none"><li>• Per statutory requirement, the CRO’s first Biennial Status of Flood Resilience Report to the Governor and General Assembly scheduled for release next month. Report will include report on flood protection for critical infrastructure and status of flood resilience planning. The Report requirements and CRMP Phase II goals are working in parallel to VDEM’s critical infrastructure programming. This first report will cue up a plan for how DCR and VDEM will work together on critical infrastructure in the future.</li></ul> <p>iii. Resilience Coordination Working Group Update</p> <ul style="list-style-type: none"><li>• Working Group was established administratively to improve coordination efforts across state agencies and localities. Director Wells noted these monthly meetings have included productive discussion about how to restructure and formalize coordination efforts across different agencies and programs. Meetings open to the public—all TAC members invited to attend.</li></ul> <p>iv. Community Flood Preparedness Fund (CFPF) and Resilient Virginia Revolving Loan Fund (RVRF) Update</p> <ul style="list-style-type: none"><li>• The CFPF and RVRF Draft Manuals will go out for public comment next week, followed by a 30-day review period and 60-day application period.</li><li>• Goal is to re-orient programs to have CFPF fit into the larger, community-scale projects and to prepare localities for managing such projects. The RVRF program is loan-oriented and geared towards property scale projects such as the hazard mitigation of buildings. Both programs can use loans and grants. Larger federal loans will become available—STORM Act program, for example, would be able to capitalize revolving funds (more discussion at Annual Flood Preparedness Meeting on 6/28/23).</li></ul> <p><b>The group discussed the presentation and raised the following:</b></p> <ul style="list-style-type: none"><li>• It was asked whether the manuals are two separate manuals and if the projected identified in the CRMP are also prioritized in the CFPF program. Although DCR had originally hoped to do a single manual, Director Wells clarified that they are separate because statutory language shows enough differences that made them difficult to combine. DCR intends to release manuals together and issue funding rounds at the same time.</li><li>• It was asked whether both the CFPF and RVRF both prioritize projects identified in the CRMP? The Director clarified that yes, there is overlap in the programs due to statutory requirements. However, focus of programs intends to keep CFPF focused on community efforts likely to be identified in CRMP. DCR also considering size of the RVRF funding and whether it will be</li></ul>
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	<p>possible to operationalize all components of the RVERF that are authorized by statute at the start of this new program.</p> <ul style="list-style-type: none"> <li>• Would the property scale work under the RVERF be achieved via loans? The Director clarified that RVERF is authorized to provide loans and grants for a variety of efforts. More detail to be shared on the breakdowns at tomorrow’s (6/28/23) Annual Coordination Meeting.</li> <li>• There is language in the RVERF statute that requires the state to prioritize projects that leverage the use of private industry for operations and maintenance and project costs under benefits to the government. Will the RVERF go to private industry directly? The Director confirmed that no, the RVERF has to go directly to local governments.</li> </ul>
<p>4. Old Business</p>	<p>Chris Swanson, VDOT Environmental Division Director, shared updates on the impacts of the Bipartisan Infrastructure Law (BIL) and updates on the agency’s Resilience Improvement Plan (RIP) as well as perspectives on progress in other states. He noted the following:</p> <ul style="list-style-type: none"> <li>• The BIL incentivizes states to develop Resilience Improvement Plans (RIP) to inform decision making and support formula-based perspective of states nonfederal match requirements. Preference is given to states with RIP.</li> <li>• While every state is moving forward with development of a RIP, it does not appear any state has completed the Federal Highways review and approval process— Kentucky has submitted their plan. Some states drawing from existing Climate Action Plans to develop RIPs. The American Association of State Highway and Transportation Officials (AASHTO) maintains a national portal with RIP resources and opportunity to search plans by state: <a href="https://www.tam-portal.com/collections/rip/">https://www.tam-portal.com/collections/rip/</a></li> <li>• VDOT currently working through RIP comments – challenges are consistent with what’s happening at the national level</li> <li>• Working closely with VDEM and other partners to achieve coordination requirement to include long-range transportation plan in other agency’s plans (i.e. COVA HMP). Similarly, Risk-Based Assessment needs to have specific coverage. Mr. Swanson stated VDOT is confident the agency can meet these requirements.</li> </ul> <p><b>The group discussed the presentation and raised the following:</b></p> <p>A question was asked about challenges with the COVA Hazard Mitigation Plan and whether it didn’t include the necessary VDOT detail. Mr. Swanson replied that connections weren’t made between other state mitigation plans, and that there will need to be a connection made between the RIP and COVA Hazard Mitigation Plan. He also clarified that VDOT’s RIP plan does not have to include details from the COVA Hazard Mitigation Plan, just must show coordinated efforts.</p> <p>Robbie Coates, VDEM Director of Grant Programs, provided an update on FEMA STORM Program and other FEMA Funding applications. He noted the following:</p>



	<ul style="list-style-type: none"> <li>• VDEM submitted seven FEMA applications in April and is still waiting to hear back— will report updates at next TAC meeting. This is the first year of the program so a longer review period is expected.</li> <li>• Separately, three significant projects in the CRMP are under consideration for funding or have been selected for funding by FEMA’s BRIC, HMGP, and PDM programs.</li> <li>• Just received 6 or 7 awards for PDCs to update regional hazard mitigation plans, required every 5 years.</li> </ul> <p>TAC Charter Update: Matt Dalon shared proposed changes to the TAC Charter based on comments from the 3/16/23 meeting. (Proposed revisions distributed in mark up to the TAC.)</p> <ul style="list-style-type: none"> <li>• Current charter allows remote participation for personal reasons, not to exceed more than one per year. Members must notify the TAC chair— exceptions are made for medical disabilities.</li> <li>• New updates add that if a TAC member’s residence is more than 60 miles from meeting location, they can attend virtually without limitation.</li> <li>• New section of the charter has been added to allow up to 2 or 25% (whichever is greater) all-virtual meetings of the full TAC and subcommittees (counted separately) so long as they are noticed as virtual meetings and access is provided to the general public. All-virtual meetings cannot occur consecutively.</li> </ul> <p>To adopt the changes to the charter, the TAC must agree to put it on a future meeting agenda for a vote. After group discussion, Mr. Dalon asked for any objections to moving the proposed Charter changes to the next TAC agenda. There were no objections. Members are encouraged to review the proposed changes; members will vote on whether to approve to these changes at the September meeting.</p>
<p><b>5. New Business</b></p>	<p>The following items of “New Business” were brought before the group:</p> <ol style="list-style-type: none"> <li>a. Virginia Flood Protection Master Plan/Coastal Resilience Master Plan, Phase II Integration (Matt Dalon, DCR) <ul style="list-style-type: none"> <li>• Contractor Support: DCR to publish RFPs for contracts to support efforts and acquire additional resources to do the work that is needed—draft RFP in development, scheduled to release next month. Qualifications-based contract to one or multiple contractors, a 3-year base contract with optional extensions. Task orders will be issued under the umbrella contract for needed support. DCR’s goal is to create flexibility to adapt planning and tasks over time as needed. Notice is out for future procurement in eVA. DCR may also issue additional contracts – (1) IT support RFP and (2) broad flood awareness and outreach RFP to help build baseline knowledge of flooding risks and drive communities towards the planning process across local and regional levels. DCR is still under contract with Dewberry for components of CRMP Phase II; additional support is needed to deliver CRMP Phase II and VFPMP.</li> </ul> </li> </ol>

	<ul style="list-style-type: none"><li>• CRMP Phase II: –Code requires plan to incorporate all major flood hazards, comprehensive risk assessment of critical human and natural infrastructure, a list of projects and status of projects previously implemented. Phase II will implement Community Outreach and Engagement Plan. DCR presented its plan for meeting these requirements and deliver the CRMP Phase II components.</li><li>• CRMP Phase II Outreach and Engagement— building on efforts in Phase I and leveraging what was learned in meetings and survey results, have identified purpose/approach for outreach and engagement in Phase II. Purpose is to share and ground-truth flood hazard modeling, identify critical infrastructure and other important resources to incorporate into risk assessment and identify gaps between risk/need and existing projects, initiatives and funding. Approach is to work with existing efforts and not duplicate them, leverage support from existing bodies and partners.</li><li>• Phase II Role of the TAC: deliverables of CRMP were presented alongside the four TAC subcommittees to clarify how their charges align with the development of the plan. Questions that the subcommittee can answer include:<ul style="list-style-type: none"><li>○ Data subcommittee: What inputs and outputs are needed for risk assessments? What are the questions you want answered to make informed decisions?</li><li>○ Funding subcommittee: What is total critical infrastructure need? What are more targeted funding questions?</li><li>○ Research and Innovation – Are there better options? What is an interval approach to fluvial modeling? How do we improve natural infrastructure? How do we get the right data?</li><li>○ Outreach – How can we do stakeholder mapping sustainably?</li></ul></li><li>• VFPMP and Future Regional Plans: CRMP Phase II will feed into VFPMP; VFPMP will establish data needs that will be met as future regional plans (not just coastal region) are developed. Regional plans will feed into and inform the statewide plan.<ul style="list-style-type: none"><li>○ VFPMP will guide state policy for flood resilience and include a vision, data inventory, critical infrastructure risk assessment, state-level implementation strategy.</li><li>○ Future Coastal (Regional) Resilience Master Plan(s) will provide process, structure, and resources to regional actors to prioritize needs and projects, establish a financing strategy, and coordinate efforts between levels of government.</li><li>○ There is still a need for PDC and locality level plans – these inform and are informed by state’s plans.</li><li>○ Community Outreach and Engagement occurs throughout planning process, including to inform the vision/goals/outcomes/strategies identified in the plan – need to develop advisory group to provide this input.</li></ul></li></ul>
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	<p><b>The group discussed the presentation and raised the following:</b></p> <ul style="list-style-type: none"><li>• It was asked if coastal PDCs do not submit projects to the project inventory to be identified in CRMP, would those projects still be eligible for funding under the Resilient Virginia Revolving Loan. Director Wells specified the list is not meant to be exhaustive and currently are not requiring that projects be in the plans to be funded, but that may change in the future. DCR will consider how to integrate CFPF/RVRF/CRMP in the future.</li><li>• One comment was to strongly encourage compound flooding in the plan integration. Mr. Dalon said this is in consideration; DCR does not have the full scope completed and does want the TAC’s feedback</li><li>• It was noted that existing FEMA fluvial data are old and do not look at future scenarios for sea level rise or rainfall changes. It was asked what changes could be made to better incorporate models that offer a complete picture of various flood risks. Mr. Dalon confirmed that these changes are being discussed yet DCR is limited by the schedule and budget—this is an opportunity for TAC subcommittees to offer recommendations.</li><li>• It was noted that it would be helpful to have a schedule of FEMA’s plan for updating flood insurance studies and maps to align plan updates and ensure newer data is captured ahead of schedule. DCR has seen this schedule; knows that FEMA is focused on southwest Virginia and are aware of the limitations. Do want to consider how to better time these in the future, also understanding that there are other changes coming from federal level to floodplain management.</li><li>• Mr. Dalon clarified stakeholder mapping in the context of the CRMP Phase II outreach and engagement would be both geographical mapping of the location and reach of organizations as well as communication pathways between stakeholders.</li><li>• One member raised concern that plans are usually focused on projects and there is a lack of recognition that every project will need to be adaptative with elements of both success and failure in order to achieve the outcome of resilience. It was asked how can we better integrate findings from previous projects into the planning process? Mr. Dalon explained that (1) projects are one goal of planning; policy is also a goal; (2) the new user portal will have tools to support adaptive management of projects—for example, under the project phase field, users can map a project from concept to construction with the option to provide updates. DCR plans capture lessons learned from this field and develop system for sharing findings with others. He agreed that ongoing adaptability and flexibility are critical.</li><li>• It was mentioned that resilience projects don’t fit existing rules of the current regulatory system, resulting in important projects not clearing permitting levels (Current Go Virginia projects were cited as examples). Mr. Dalon said they are looking at statewide policy and the incongruencies between traditional projects permitting and what is needed for new projects. Director Wells reiterated that the RCWG goal is to establish a process and structure that can elevate those types of concerns.</li></ul>
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- It was noted that outreach and engagement seems to be separate effort from the FPMP. Mr. Dalon clarified that engagement is not separate but happening to inform plans. DCR does not want to duplicate efforts happening regionally and locally— a challenge that the Outreach Subcommittee can help address.
- It was shared that too many plans can cause people to wonder which plan is most important. Mr. Dalon acknowledged that alignment is an ongoing work in progress DCR remains committed to.
- It was asked how the vision of a more resilient future for Virginia will come together in the statewide plan component. Mr. Dalon shared that they do not have all the answers yet, and that integrating the two statewide plans is just a starting point. Additional advisory groups will likely be needed but now the focus is on building a statewide vision that we can align and get to place where regional plans can that vision. The TAC is not doing the vision work—who will be doing that is still undetermined but we first need buy-in on this approach from the TAC.

b. TAC Subcommittees Charges Discussion (Matt Dalon, DCR)

A full list of tasks and responsibilities is available in the PowerPoint Presentation in the “Reference Link” listed on page 4.

Mr. Dalon reviewed the project prioritization for each subcommittee and identified DCR and VCU PMG as support to chairs for hosting subcommittee meetings. He reiterated that following the meeting, each subcommittee should report out:

- Additional advisors to support subcommittee efforts
- Short-term recommendations for what can be implemented in phase II of CRMP
- Long-term recommendations for future work – how do we get beyond regional/PDC scale?

Specific objectives, action items, and long-term charges were proposed for each subcommittee.

**The group asked the following questions about TAC Subcommittee tasks:**

It was asked whether the funding subcommittee should look at sources beyond the two state funds? (USDA helping private land owners was cited as an example.) Mr. Dalon confirmed that yes, identifying other needs and cost-shares will be helpful. This subcommittee can also identify sustainable and durable funding streams to address current funding gaps and propose policy changes.

It was asked how efforts of the Coastal Zone Management shoreline stakeholders advisory group on funding are aligned with the TAC subcommittees. The member encourages DCR to connect with Jeff Flood from CZM to coordinate and learn from their work to avoid duplicating effort. Mr. Dalon mentioned they can be brought into discussion but must be mindful of FOIA requirements for additional TAC meetings. DCR staff will continue coordinating with Jeff and CZM.

	<p>Invitations to subcommittee meetings will come from DCR or PMG (flood resilience account).</p> <p><b>ACTION ITEM: each of the four subcommittees to meet before the next TAC meeting in September (TBD).</b></p>
<p>8. Public Comment</p>	<p>No public comment was offered.</p>
<p>9. Adjourn</p>	<p>The Chair invited additional discussion on meeting topics that resulted in the following:</p> <ul style="list-style-type: none"> <li>• First Street Foundation released a new flood risk report this past week. It was suggested that it would be helpful for DCR to compare their methodology to the state’s methodology for TAC to have as a reference, given that the report is getting a lot of attention in the media.</li> <li>• It was shared that HRPDC is working with USGS through the 3D Elevation and Broad Agency Announcement programs—HRPDC is funding non-federal portion of this acquisition. It was noted this model is something the TAC should be looking at moving forward as it cuts across subcommittee charges.</li> </ul> <p>Matt Wells thanked everyone for their attendance and participation, as well as the DCR staff for their efforts and preparation.</p> <p>The meeting was adjourned at 11:23am.</p>

### Voting Records

A motion was made and seconded to accept the minutes of the March 16, 2023 meeting of the Virginia Coastal Resilience Technical Advisory Committee as presented.

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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](mailto:flood.resilience@dcr.virginia.gov)

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