

Virginia Coastal Resilience Technical Advisory Committee (TAC)

Subject	TAC Meeting 2023-Q1	Date	03/16/23
Chair	DCR Director Matt Wells	Time – START/ADJOURN	10:00am/11:28am
Location	William & Mary School of Education, Matoaka Woods 301 Monticello Ave, Williamsburg, VA	Scribe	Bill Norris

TAC Members		
Name [Alternate Name]	Title [Alternate Title] Organization (Abbreviation)	Attended? V = Virtual
Chief Stephen Adkins	Chief Chickahominy Indian Tribe (Chickahominy)	
Chief Keith F. Anderson	Chief Nansemond Indian Nation (Nansemond)	
Elizabeth Andrews	Director of the Virginia Coastal Policy Center William & Mary School of Law (W&M)	Y
John Bateman	Senior Regional Planner Northern Neck Planning District Commission (NNPDC)	Y
Jill Bieri	Director, Volgenau Virginia Coastal Reserve The Nature Conservancy (TNC)	Y
Chip Boyles [Meredith Keppel]	Executive Director [Environmental Planner] George Washington Regional Commission (GWRC)	[V]
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)	V
Martin Brown [Michael Perez]	Chief Diversity, Opportunity, and Inclusion Officer [Special Assistant] Office of Diversity, Opportunity, and Inclusion (ODOI)	
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]	Commissioner [Chief of Habitat Management] [Director of Coastal Policy, Restoration and Resilience] Virginia Marine Resources Commission (VMRC)	Y [Y] [Y]
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
Whitney Katchmark [Ben McFarlane]	Principal Water Resources Engineer [Senior Regional Planner] Hampton Roads Planning District Commission (HRPDC)	Y [Y]
Jack Krolikowski	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 Resilience Institute University of Virginia (UVA)	
Martha Moore [Katelyn Jordan]	Senior Vice President, Governmental Relations [Legislative Specialist, Governmental Relations] Virginia Farm Bureau	Y [Y]
Dr. Lydia Patton [Jay Ruffa]	Interim Executive Director [Director of Planning & GIS] Crater Planning District Commission (CraterPDC)	[Y]
Ken Pfeil [Marcus Thornton]	Chief Data Officer [Deputy Chief Data Officer] Office of Data Governance and Analytics (ODGA)	
Chief G Anne Richardson	Chief Rappahannock Indian Tribe (Rappahannock)	
Jessica Steelman	Coastal Planner Accomack-Northampton Planning District Commission (A-NPDC)	Y
Chief Gerald A. Stewart	Chief Chickahominy Tribe Eastern Division (Chickahominy-ED)	
Sarah Stewart [Nicole Keller]	Planning Manager, Environment Program [Resilience Planner] PlanRVA (PlanRVA)	Y

Mary-Carson Stiff	Policy Director Wetlands Watch	Y
Chris Swanson [Chris Berg]	Environmental Division Director [Assistant Division Director] Virginia Department of Transportation (VDOT)	Y [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]
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)	Y

TAC Staff		
Name	Title (Organization Abbreviation)	Attended? V = Virtual
Derrick Bollen	Special Assistant (DCR)	Y
Matt Dalon	Resilience Planning Program Manager (DCR)	Y
Darryl Glover	Deputy Director for Dam Safety, Floodplain Management, and Soil & Water Conservation (DCR)	Y
Wendy Howard-Cooper	Division Director of Dam Safety & Floodplain Management (DCR)	V
Bill Norris	Guidance & Regulation Coordinator (DEQ)	Y
Corey Scott	Assistant Secretary of Natural and Historic Resources (SNHR)	
Andrew Smith	Deputy Director (DCR)	Y

Attendees		
Name (In-Person)	Name (Virtual)	Name (Virtual)
Stephanie Harris	Kenneth Bannister	Jack Krolokowski
Luke Peters	Emily Beacham	Jessica Lassetter
Brian Batten	Robin Bedenbaugh	Leigh Mitchell
Stu Geiger	Ethan Betterton	Molly Mitchell
	Evan Branosky	Priyanka Mohandoss
	Maddy Busse	Maria Mutuc
	Pat Calvert	Taylor Parker
	Carol Considine	Charlie Paullin
	Tamara Dickerson	Ken Pfeil
	Tom Dunlap	Henry Pollard
	Jay Ford	David Reynolds
	Adam Gold	Jen Rogers
	Mimi Hill	Meredith Rose
	Wendy Howard-Cooper	Matthew Simons
	Will Isenberg	Madison Teeter
	Arthur Kay	Whitney Thomas
	Nicole Keller	Marc Vigeant
	Meredith Keppel	Matthew Webb
	Gabi Kinney	Paige Wernig
	Adrienne Kotula	Scott Whitehurst

Scheduled Speakers	
Name	Title, Organization
Chris Berg	Assistant Division Administrator - Director of Sustainability, VDOT
Matt Dalon	Flood Resilience Program Manager, DCR
Matt Wells	Director, DCR

Reference Links	
Item	Link
Meeting Agenda	https://www.dcr.virginia.gov/crmp/meeting/document/20230316-tac-agenda-rev20230301-(1).pdf
Meeting Handouts/Presentation Slides	https://www.dcr.virginia.gov/crmp/meeting/document/20230316-tac-agenda-and-dcr-update.pdf
Video Recording of the Meeting	https://youtu.be/-1_KFg6pg-E

Agenda Item	Minutes
1. Call to Order, Roll Call, Introductions	<p>Matt Wells, Director of the Department of Conservation and Recreation called the meeting to order at 10:00 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. He thanked William and Mary School of Education and Elizabeth Andrews for hosting today’s meeting.</p>
2. Adoption of Meeting Minutes from December 01, 2022	<p>Director Wells noted that the first order of business is the consideration and adoption of the Meeting Minutes from the December 1, 2022 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.</p>
3. VDOT Resilience Plan	<p>Chris Berg, Director of the VDOT Office of Transportation Sustainability provided an overview of the VDOT Resilience Plan. (The PowerPoint Presentation on the VDOT Resilience Plan can be accessed through the “Reference Link” listed above.) During his presentation he noted the following:</p> <ul style="list-style-type: none"> • VDOT’s Resilience Program Manager is Maria Mutuc who was the lead on the development of the plan being presented today. • VDOT’s Environmental Division Director, Chris Swanson who has briefed the TAC on this effort at previous meetings is also in attendance today. • The need for resilience within the Department resulted from a recognition that changing environmental conditions are resulting in hazards and threats that directly impact transportation. These hazards and threats have caused asset deterioration and failure, operations and maintenance, and emergency management challenges, and has emphasized the need to identify cost effective solutions. • Resilience planning is already being done at the statewide and local levels driven by both legislation and a recognition of the need by many of the members of this TAC. • The first step in recognizing the need for resilience was to define “transportation resilience”. The second step was the development of a roadmap for incorporating resilience into VDOT’s existing business practices. That roadmap is the VDOT Resilience Plan. • The VDOT Resilience Plan will provide the framework for determining how VDOT will cost-effectively address resilience through data driven decisions and will help determine which networks and assets are most vulnerable. It will also help identify what type of resilience measures are necessary to address these vulnerabilities (design, O&M, emergency management, policy, etc.).

- Successfully incorporating resilience into transportation decisions will depend upon the best available data and research regarding vulnerability, current and planned assets, and current and future conditions.
- Outreach to key stakeholders and the public will leverage existing efforts and maximize the benefits and ensure decision-making is coordinated with statewide policy.
- There is a need for a consistent methodology for determining asset vulnerability that can be applied statewide.
- As cost-effective resilience measures are identified, identification of emerging funding opportunities will be key in implementing these measures. One such funding opportunity, the [PROTECT Program](#) (Promoting Resilience Operations for Transformative, Efficient, and Cost-Saving Transportation) was discussed. Under the PROTECT Program (from the Bipartisan Infrastructure Law to Help Communities Build Resilient Infrastructure), states and localities can decrease their funding match requirements if eligible projects are included in a Resilience Improvement Plan (RIP).
- The “Next Steps” noted included: continue coordination with Federal, State and local agencies and MPOs; continue coordination with counterpart DOTs; outreach and engagement with communities and stakeholder groups and continue strategy development and implementation.

The group discussed the presentation and raised the following:

- The plans for coordination with MPOs was discussed and whether VDOT would be developing and sending out guidance as to how that would be conducted. This is still in the planning stages.
- The possible incorporation of locality identified resilience plans/projects into the statewide resilience improvement plan was discussed. A concern was noted over possible different priorities and timing requirements between local and state plans.
- A question was raised about scale of the PROTECT Program. On the formula side, there is \$37 million a year. The amount VDOT would be working with on the grant side is still to be determined.
- A question about previously needed upgrades to address washouts and emergency conditions being considered in the planning process was raised. Program staff is trying to get information from the VDOT Planning and Response Operations side to incorporate data from past emergencies to inform the planning process moving forward so that VDOT can improve and better manage responses in the future.
- Locality identified resilience plans/projects were discussed. The concept is the possibility of VDOT being able to include an appendix of MPO locality identified projects under the VDOT Resilience Improvement Plan. There may be some challenges with federal approvals and timing. VDOT is working with the Federal Bureau of Highways to see how quickly and

	<p>frequently changes can be made to that priority list to see how MPOs that want to pursue those reduced management requirements can be supported and the local resilience projects incorporated into the state RIP.</p> <ul style="list-style-type: none"> • Is there an example of Resilience Improvement Plan (RIP) available? On the federal level a form has just been set up for states and counties to upload their RIPs. Hopefully within the next couple of weeks there will be some RIPs uploaded to that system. <p>ACTION ITEM: VDOT Resilience Program staff will provide examples of Resilience Improvement Plans (RIPs) once they become available.</p>
<p>4. Reports from DCR</p>	<p>a. Virginia Coastal Resilience Master Plan Update (Dalon):</p> <p>Matt Dalon, Resilience Planning Program Manager with DCR provided an overview and update on the Virginia Coastal Resilience Master Plan (CRMP). (The PowerPoint Presentation on the Virginia CRMP can be accessed through the “Reference Link” listed above.) He outlined the requirements for Phase 2 of the Virginia Coastal Resilience Master Plan as updated by the 2022 General Assembly. The group discussed the Update and raised several questions during the course of the presentation. The following items were noted during the presentation:</p> <ul style="list-style-type: none"> • Update of the plan required no later than December 31, 2024. • The CRMP must be a place-specific plan for mitigating severe and repetitive flooding and be within the Coastal Resilience Framework. • Phase 2 is to incorporate: all major flood hazards, including precipitation-driven flooding; a comprehensive risk assessment of critical human and natural infrastructure; and a list of all projects considered and an update of the status of all projects previously implemented. Phase 2 also requires identification of what we are doing to address these risks. • Phase 2 will also implement the Community Outreach and Engagement Plan. • Currently DCR is still under contract with Dewberry who helped tremendously with the Phase 1 efforts. • The Project Database Web Application and the Funding Database Web Applications are currently under development. The web applications are essentially static and DCR is actively updating them. An online forum is being developed where people can login and add projects and update their own projects. • Pluvial Modeling for the Coastal Zone is also under development. • There are also line items for updating the impact assessment based on this new data; creating an updated Impact Assessment Report and updating the Coastal Resilience Web Explorer to share the data and information. • The Coastal Resilience Web Explorer application was presented and discussed. There are currently a total of 517 projects and initiatives included in the current database. The plan is to continue to update this

	<p>database with additional projects and initiatives as time and resources become available. The idea is to try to keep this as current as possible and to also provide a mechanism so that these projects can be exported so that they can be used for hazard mitigation plans or other types of planning efforts. This effort is in progress with a planned “going live” date of the end of August or early September. There will be access forms to get people registered to use the application. A registered user will be able to view their projects and edit and update them. An updated project and project list allows DCR to more accurately identify what progress is being made and where there may be gaps in the database.</p> <ul style="list-style-type: none">• The Project/Funding Database Web Application is also being updated. An online form-based access is being created to add new funding sources so that the information is more readily available on how projects can be funded.• Once the updated web applications are active and online there will be online training on how to work with the system.• It was noted that all of the current existing projects are not included in the Web Explorer Database but those missing database items will be bulk uploaded once the application is fully developed and active.• A question was raised about sending PROTECT Program information related to new funding opportunities to DCR prior to the application being ready. Yes, some information is currently being received and additional submittals on funding applications are welcome and will be filed for inclusion in the database once the application is active. <p>ACTION ITEM: DCR will send out a request for and process for submittal of new funding/grant opportunities that have been identified for inclusion in the application.</p> <ul style="list-style-type: none">• A suggestion was made that current grant/funding opportunities that have currently been identified should be made available to localities prior to the official application going online so that these opportunities are not missed.• Pluvial Modeling Update: Phase 1 of the Resilience Master Plan covered Tidal Flooding and Storm Surge Flooding. Now issues dealing with “rainfall driven flooding” are being looked at and areas where this is occurring and is an issue are being identified. This effort is attempting to get a better idea of where this type of flooding occurs.• Precipitation is increasing in Intensity, Duration, and Frequency. The precipitation patterns are changing. The Atlas 14 Data that is currently available is out-of-date. Volume 15 updates are currently being developed. Based on Atlas 14 projections we know that rainfall is increasing but we don’t know where it is going to flood at a large scale so we are working trying to model that.• The Pluvial Flood Modeling Overview provides a look at what will be run for the pilot study before DCR proceeds with a full production run. The model
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will look at 8 Coastal PDCs and will include 57 localities. The simulations will cover approximately 400 HUC 12 basins with 5 to 10 sub-basins per HUC 12. Up to 63 simulations will be run per sub-basin. There will be a review group convened later this summer to look at these various scenarios to see if this is the best approach and whether we need to tweak the approach any before the modeling goes into full scale production. The first set of Data Development and Pre-Processing deliverables: 1) Interim Technical Memo #1 – Geometric and Parameterization and 2) Interim Technical Memo #2 – Model Forcing: Data and Methodology are due Monday, March 27, 2023. We have a list of folks that have shown an interest to help to review these deliverables and to provide input.

ACTION ITEM: Deliverable Review: This process is open to anyone so if there is any interest in becoming involved, please email Matt Dalon so you can be added to the list.

- A question was raised regarding the future conditions scenarios that were included on the presentation slide on the Pluvial Flood Modeling Overview. The three future conditions scenario that were chosen were: Median Values for 2020-2079 @RCP 8.5; Median Values for 2050-2100 @ RCP 4.5; and Median Values for 2050-2100 @ RCP 8.5. Why were these selected over other possible scenarios? These are the adjustment factors that are built into Atlas 14. We wanted to have something that represented existing conditions, but knowing that we are planning for the future, we wanted to have future conditions built into it as well. Starting with the current Atlas 14 data which we know is already out-of-date, we tried to figure out what represents existing conditions today. We took a conservative approach by using the scenarios identified to try to identify the sensitivity and range of the model during this initial pilot.
- The Pilot Hydraulic Modeling effort is to develop and test the model automation pipeline which is the interim Technical Memo #3 which is due in June. The initial data dump from the Pilot Hydraulic Modeling effort for the Pluvial Pilot Findings which is Interim Technical Memo #4 is due in mid-July.
- In addition to the DCR review there will also be an independent technical review of the pilot models conducted by one of Dewberry’s Subcontractors – GKY and Associates. In addition, Dewberry is also working on the development of an “End Users Guide” on how to use the models for resilience planning in their communities. A draft of the guide is due August 25th with a final due November 30th.
- Pilot Modeling Coordination and Review - There will be meetings planned to discuss findings of the pilot with DCR and Stakeholders beginning in mid-July.
- Following the pilot, full production for the entire area will be undertaken. The plan is to have the data and report out in the Spring of 2024. We want the data out there and used.

	<p>b. Community Outreach and Engagement Plan Overview (Dalon):</p> <p>Matt Dalon, Resilience Planning Program Manager with DCR provided an overview on the Community Outreach and Engagement Plan (COEP). (The PowerPoint Presentation on the COEP can be accessed through the “Reference Link” listed above.) The group discussed the Update and raised several questions during the course of the presentation. The following items were noted during the overview:</p> <ul style="list-style-type: none">• This is a new requirement from the 2022 General Assembly. Enactment Clause 3 of HB516/SB551: “the plan shall strive for meaningful involvement by ensuring that: affected and vulnerable community residents have access and opportunity to participate in the full cycle of the decision-making process about the development and updates to the Plan, and decision-makers shall seek out and consider such participation, allowing the views and perspectives of community residents to shape and influence decisions.”• The process requires that decision makers actually seek out the input of the community and to use that input in the decision-making process. The Community Outreach and Engagement Plan is designed to be a framework for the process since each community is different and each will have their own set of unique needs and requirements.• The plan is to set up a process so that DCR can go out into the community and put out a Request for Proposal (RFP) to help build the capacity to do actual outreach engagement.• The Public Comment Period for this proposal ran from December 30, 2022 to January 31, 2023. Comments were received from individuals, state agencies, NGOs and PDCs.• There are four main sections that the Community Outreach and Engagement Plan comments/questions focused on. These include: What is the Community Outreach and Engagement Plan? What’s Been Done So Far? What Do We Want to Accomplish through the COEP? And What Actions Will We Take? In addition comments were received related to: How will outreach and engagement be incorporated into the Plans? How will DCR measure success and track progress? And What level of commitment are you making?• A summary of the questions and comments received in the various categories were reviewed with the group.• It was noted that the “engagement” component appeared to be missing from the general concepts of the plan. The process should not be simply making information available but getting that information back from the community and sharing it with others.• There is a need to acknowledge past and current outreach and engagements efforts and public planning review and participation processes not just undertaken by the state but also those by local governments and localities.
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	<ul style="list-style-type: none">• The “goals and objectives” need to be clearly identified.• The concept of “outreach fatigue” in communities that are repeatedly asked to provide similar information through increased communication, and collaboration with the whole community needs to be addressed.• The issue of available time and resources needs to be taken into consideration.• There needs to be a specific process identified as to how community feedback, knowledge and expertise will be integrated into the COEPs and how those Plans will be updated overtime. <p>c. Resilience Coordination Working Group Update (Wells):</p> <p>Matt Wells, Director of DCR provided an update and overview on the Resilience Coordination Working Group. (The PowerPoint Presentation on the Resilience Coordination Working Group can be accessed through the “Reference Link” listed above.) He noted the following:</p> <ul style="list-style-type: none">• The Resilience Coordination Working Group is an administrative committee that was formed essentially to generate recommendations on how we can work better together as a government to coordinate the various resilience efforts, from a programmatic standpoint and from a governance standpoint. We are also looking at how we can do a better job of drawing down funding opportunities at both the private and federal levels. The high-level overview of the process is “How can we do this better?”• There are large group of folks involved in this process with considerable overlap between the Coastal Resilience TAC and the RCWG.• The group is meeting more or less monthly. There have been two meetings so far which have included a lot of “table-setting” factfinding and presentations on resilience programs.• A couple of themes have emerged from the process so far. They are: there is a definite need to coordinate, there are opportunities to do that better from a programmatic side; data side; best practices and planning activities side; and there is a need to increase and improve our outreach efforts. How can we coordinate those efforts so that we are not asking the same questions multiple times.• A report on this effort is due to the Governor and the General Assembly no later than November 1, 2023.• The next meeting of the group is scheduled in Lexington just before the Environment Virginia Conference. <p>ACTION ITEM: DCR Staff will distribute the Resilience Coordination Working Group meeting list to the TAC members.</p>
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<p>5. TAC Subcommittee Charges</p>	<p>Matt Wells provided an overview on the 2022 CRMP TAC Subcommittee Organization. (The PowerPoint Presentation on the Virginia CRMP TAC Subcommittee Organization can be accessed through the “Reference Link” listed above.) He noted the following:</p> <ul style="list-style-type: none"> • The CRMP TAC Subcommittees were established nearly a year ago around the Coastal Resilience Framework Goals. The committees included: “Project Prioritization”; “Funding”; “Research, Data and Innovation”; and “Outreach and Coordination”. • The “ask” of this group is for each member of the CRT to sign up for at least one of these subcommittees. The current makeup of the subcommittees provides a pretty good distribution but if anyone wants to participate in another subcommittee, please let us know. • The Chairs of the Subcommittees are: “Project Prioritization” – Ken Pfeil, ODGA; “Funding” – Shawn Crumlish, VRA; “Research, Data and Innovation” – Evan Branosky, DEQ; “Outreach and Coordination” – Michael Perez, ODOI. <p>ACTION ITEM: DCR will be reaching out to the subcommittee chairs and members in near future to communicate the charges with prioritized objectives for their subcommittee and a meeting schedule. The current plan is to have the subcommittees meet on a quarterly schedule.</p> <ul style="list-style-type: none"> • A question was raised as to whether the subcommittee meetings were going to be required to be in person. <p>ACTION ITEM: DCR Staff will determine the requirements that will need to be followed regarding in-person attendance versus virtual attendance at the planned subcommittee meetings and distribute that information to the subcommittee chairs and members.</p> <ul style="list-style-type: none"> • A question was raised regarding the timeline and calendar for the “outreach” efforts. It was noted that there currently is not an identified calendar of progress points for the “outreach” efforts/process.
<p>6. Old Business</p>	<p>No “old business” was brought up.</p>
<p>7. New Business</p>	<p>The following items of “New Business” were brought before the group:</p> <ul style="list-style-type: none"> • Matt Wells noted the following: Funding Opportunity: FEMA STORM Program: It is a FEMA Grant Program designed to fund revolving loan programs for resilience. The applicant for the program is VDEM. DCR is working very closely with VDEM in an effort to access this funding source. There is a very tight time schedule – the application is due by April 28, 2023. The plan, which has to go out to public comment, is required to include an initial list of projects that would be included and run through the program. • Robbie Coates with VDEM noted the following: VDEM has a grant list-serve where folks can register for grant updates. That link can be provided to the committee. This is the first year for the “Intended Use Plan” through the FEMA STORM Program. The available funding is \$50 Million Nationwide for

	<p>this first year. It is a 4-year program so there will be another round next year and additional funding in future years.</p> <ul style="list-style-type: none"> • A question was raised regarding the “survey” for the “Intended Use Plan” funding and how that process was handled and how were the survey recipients selected. It was noted that because of the short turn-around this was handled through VDEMs “Self-Registration Grid Management Process” which is a “Constant Contact” Service. Grant notices and information is pushed through that service. <p>ACTION ITEM: VDEM will provide a link to the committee for the survey related to the “Intended Use Plan” funding through the FEMA STORM Program – VDEM’s Constant Contact Service mechanism.</p> <ul style="list-style-type: none"> • It was noted that the loans have to go to government entities. The loans are capped at a 1% rate. There are some other details about the loan program that can be shared with the group. The projects have to flow through the revolving loan program and have to meet the requirements of that program. The survey is essentially a “If you are interested – check yes or no” question. Another requirement of the program is that we publicly solicit projects. As noted previously, the total program funding level is \$50 Million Nationwide. The minimum state level application is \$5 Million. The state application will need to include at least \$5 Million worth of projects. There is also a 10% match requirement that the state is considering funding out of the Resilience State Revolving Fund. <p>ACTION ITEM: DCR staff will send out the particular requirements of the Virginia Revolving Loan Program to the group.</p> <ul style="list-style-type: none"> • Matt Wells noted that staff resources have been diverted from the Revolving Fund to get the STORM Funding project locked down. It is not anticipated that every state will be in a position to be able to go after the funding so there may be more funds available to Virginia to go after if the need can be demonstrated.
8. Public Comment	No public comment was offered.
9. Adjourn	<p>Matt Wells thanked everyone for their attendance and participation. He thanked William and Mary for hosting the meeting and Elizabeth Andrews for her support and participation with the group and noted that she is retiring.</p> <p>The meeting was adjourned at 11:28 PM.</p>

Voting Records

A motion was made and seconded to accept the minutes of the December 1, 2022 meeting of the Virginia Coastal Resilience Technical Advisory Committee as presented.

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
