

Research, Data, and Innovation Subcommittee of the Coastal Resilience TAC

Subcommittee Chair: Evan Branosky, Chief Stormwater Policy Advisor, DEQ

Alternate Chair: Dave Davis, Manager of the Office of Wetlands and Stream Protection, DEQ

Coastal Resilience Master Plan, Phase II

The Phase II plan will be delivered by December 2024. This planning process will result in two major deliverables: (1) an updated Coastal Resilience Web Explorer; and (2) a PDF Document Plan. The key components of these two deliverables are:

1. Flood Hazard Exposure Model
2. Flood Hazard Risk Assessment
3. Planned Resilience Actions
4. Financial Need for Flood Resilience
5. TAC Subcommittee Recommendations

Outreach and engagement will be utilized throughout the plan's development to collect feedback on the content and direction of these key components.

Phase II Plan Development Timeline

Jul 23	Aug 23	Sep 23	Oct 23	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	Dec 24
Meetings																	
	Sub	TAC		Sub	TAC		Sub	TAC		Sub	TAC		Sub	TAC		Sub	TAC
Schedule																	
Develop Flood Hazard Exposure Model Research, Data, and Innovation									Data Display (CRWE Update) Research, Data, and Innovation								
Data Collection Project Prioritization									Flood Hazard Risk Assessment Project Prioritization								
Project and Initiative Info Collection Project Prioritization									Analyze Planned Resilience Actions Project Prioritization, Funding								
Quantify Financial Need for Flood Resilience Funding																	
Ongoing Stakeholder Outreach and Engagement Outreach and Coordination																	
Develop TAC Subcommittee Recommendations All Subcommittees																	

Research, Data and Innovation Subcommittee Objectives

1. Inform Development of Flood Hazard Exposure Model.

Using the best available data, provide recommendations to DCR and Dewberry to select pluvial modeling approach (including climate scenarios), advise on the selection of fluvial modeling data and scenarios, and advise on approach to compound flooding joint probability analysis.

2. Inform Inputs to Flood Hazard Risk Assessment.

Based on the flood hazard exposure model developed, advise DCR and Dewberry on how to employ the flood hazard model for conducting the flood hazard risk assessment.

3. Develop recommendations for future planning.

This includes, but is not limited to:

- Develop a data development plan to fill gaps in advance of future planning processes. Consider research and data products that can meet the state's needs.
- Advise on innovations suited to address flood risks and fill gaps in resilience action for future planning efforts. Consider R&D, public-private partnerships, collaborative research.

Communications Protocols

The TAC is a public body subject to the [Virginia Freedom of Information Act](#). All meetings of the TAC must be open, public meetings. Any gathering – in person or virtual, formal or not – of three or more members of the TAC where official TAC business is discussed constitutes a meeting. Additionally, electronic correspondence containing official TAC business between more than two TAC members, including emails, social media exchanges, and chat rooms are considered meetings and subject to these requirements. When communicating with more than one other member of the TAC via email, members should bcc all recipients. Alternatively, members may send information to be shared with the group to the subcommittee chair and DCR point of contact for distribution.

In the table below, (A) denotes alternate.

Staff Support Points of Contact

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Subcommittee Roster

Name	Title	Organization	Email Address
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