BIENNIAL STRATEGY REVIEW SYSTEM Chesapeake Bay Program



Logic and Action Plan: Pre-Quarterly Progress Meeting

Climate Monitoring & Assessment and Climate Adaptation – 2023-2024

[NOTE: make sure to edit **pre**- or **post**- in the text above, to tell the reader whether this logic and action plan is in preparation for your quarterly progress meeting or has been updated based on discussion at the quarterly progress meeting.]

Long-term Target: (the metric for success of Outcome) **Two-year Target:** (increment of metric for success)

Instructions: Before your quarterly progress meeting, provide the status of individual actions in the table below using this color key.

Action has been completed or is moving forward as planned.

Action has encountered minor obstacles.

Action has not been taken or has encountered a serious barrier.

Additional instructions for completing or updating your logic and action plan can be found on ChesapeakeDecisions.

Factor	Current Efforts	Gap	Actions	Metrics	Expected Response and Application	Learn/Adapt
What is impacting our ability to achieve our outcome?	What current efforts are addressing this factor?	What further efforts or information are needed to fully address this factor?	What actions are essential (to help fill this gap) to achieve our outcome?	What will we measure or observe to determine progress in filling identified gap?	How and when do we expect these actions to address the identified gap? How might that affect our work going forward?	What did we learn from taking this action? How will this lesson impact our work?
		Outcom	e: Monitoring &	Assessment		
Monitoring & Assessment: Scientific Capabilities. The scientific capabilities to estimate, project, model and monitor ecosystem changes and impacts as a result of climate change are complex and resource intensive. Additionally, impacts are exacerbated by non- climate stressors (e.g., land-subsidence, land use change, growth and development). Appropriate science and modeling of climate and non-climate related stressors are necessary for Chesapeake Bay Program partners to properly address climate impacts during policy	Development of climate change indicators on Chesapeake Progress. ITAT Tidal Trends Analyses; Bay Trends Interactive Map Application of the climate change TMDL model.	Need scientific capability to monitor climate and other stressors simultaneously; need to ensure that long-term monitoring networks include key parameters to assess climate change impacts and coincide with monitoring other stressors when feasible; need to sustain and support long-term monitoring networks (e.g., CBP Monitoring Network, Sediment Elevation Table Marsh Studies); need adequate	1.1, 1.2, 1.3, 1.4, 1.5		Development of climate change indicators will depend on the quality of supporting data, the added value of the indicators for helping to understand and explain management successes, and the priorities and resources of the CBP Partnership. CRWG is planning to develop 1-2 new climate change indicators during 2021-2022.	

planning and adaptation efforts.		downscaled climate modeling data and data to develop and test models; need continued efforts to understand thresholds of climate stressors on water quality, fisheries, and habitats, interaction of multiple stressors, and quantification of cobenefits.			
Monitoring & Assessment: Geographic Extent/Variability of the Watershed. The impacts of climate change will be varied across the Watershed. It is important to not limit the focus of the management strategy to coastal issues alone but to recognize the wide range of monitoring, assessment and adaptation needs throughout the region. However, the variability of the ecosystem within the Bay proper and the larger watershed presents challenges in data consistency and	Scientific data collection at DE, MD, VA NERRS sites to gain a better understanding of what is happening at the reserve level and how that can be applied to the Bay as a whole. Healthy Watersheds is incorporating climate metrics and vulnerability into their Healthy	Need methods aimed to improve data consistency and comparability among regions and sectors.	1.2c; 1.4; 1.5	Currently, the CRWG does not have adequate resources to tackle both Bay and watershed climate change assessment needs across workgroups simultaneously. Need partner support.	

comparability among regions and sectors.	Watersheds Assessment.					
regions and sectors.	Assessment.					
Monitoring & Assessment: Complexity of the Monitoring Program. A monitoring program to detect ecosystem change and inform program and project response is a complex undertaking. Developing an acceptable monitoring approach for the watershed will be complex, and there are clear budgetary challenges associated with such long-term monitoring.	Data collected by NOAA Chesapeake Bay Sentinel Site Cooperative (CBSSC) and satellite office, CBP Monitoring Network. Completion of, "Enhancing the Chesapeake Bay Program Monitoring Networks: A Report to the Principals' Staff Committee." Outlines various climate-related monitoring and assessment needs.	Need to identify and connect climate resilience science needs for adaptation decision-making with monitoring needs; need institution capacity to develop and perform long-term monitoring to detect ecosystem change and a steady funding source for such efforts; need to evaluate alternative monitoring strategies, such as use of satellite data.	2.5		CRWG has the capacity to provide information on science needs related to climate stressors that can be considered and integrated in monitoring networks by the Integrated Monitoring Network Workgroup.	
Adamtatian, Stakahaldar	Callaborating			tion	Limited CDMC	
•			2.1; 2.3			
• •						
	_					
_		_			, -	
_						
-	_					
inform program and project response is a complex undertaking. Developing an acceptable monitoring approach for the watershed will be complex, and there are clear budgetary challenges associated with such long-term	satellite office, CBP Monitoring Network. Completion of, "Enhancing the Chesapeake Bay Program Monitoring Networks: A Report to the Principals' Staff Committee." Outlines various climate-related monitoring and assessment	monitoring needs; need institution capacity to develop and perform long-term monitoring to detect ecosystem change and a steady funding source for such efforts; need to evaluate alternative monitoring strategies, such as use of satellite data.	Outcome: Adapta 2.1; 2.3	tion	be considered and integrated in monitoring networks by the Integrated Monitoring Network	

agreement from stakeholders on what it means to be resilient or what constitutes resiliency, including what kind of actions support an adaptive management approach. Lack of appropriate stakeholder engagement jeopardizes acceptance of choices made about action plans and implementation strategies, introducing additional levels of social discord in an already complex environmental-economic-social landscape. There are also different types of stakeholders, and in many cases, they have	with local community needs.	facilitation in connecting the science across the different stakeholder groups to support decision-making; need stakeholder support in implementing recommendations; need willingness to discuss managed retreat as an option			
different goals making it challenging to have					
adequate resources to facilitate meaningful					
connections across all					
stakeholder groups.	March	Vnovelodge of tunes	2 2, 2 4		
Adaptation: Capacity. There is a general lack of	Marsh Adaptation	Knowledge of types of technical	2.2; 2.4		
capacity to fill research	Project	assistance/expertise			
gaps and translate the		needed by			
science and incorporate		jurisdictions.			
meaningful change into					
plans, programs,					
processes or projects					
across the entire CBP					
partnership. Although					

1 11 11 11 11 11 11 11					
building that capacity is					
paramount, it can be					
time consuming and					
costly, considering the					
resource constraints					
faced by governments					
and organizations and					
the variability in					
adaptation approaches.					
Adaptation: Authority.	Individual	Need knowledge of	1.4; 2.7		
Governments' and	jurisdictional	institutional/			
institutions' ability to	incorporation of	regulatory barriers;			
respond to climate	climate	need incorporation			
change is also limited by	narrative (or	of climate change			
legislative, policy,	voluntary	considerations			
regulatory and other	numerical	across programs.			
authorities.	target) into				
	WIPs III.				
	States and				
	communities				
	around the				
	Chesapeake Bay				
	are taking steps				
	to prepare or				
	maintain their				
	climate change				
	adaptation or				
	sustainability				
	plans.				
Adaptation: Guidance.	Ongoing	Need development	2.1; 2.3; 1.2		
There is a need to	research and	of clear tools and			
translate existing science	models, tools	guidance to develop			
into guidance for the	and metric	plans and efficacy of			
CBP, as well as	development by	response; lack of			
stakeholders, to use to	CBP partners.	extensive			
develop adaptation plans		information (or			
and to measure efficacy		information			
of response to climate		dissemination) on			

ahanga imagata Tha		the seate of altitudes			
change impacts. The		the costs of climate			
nature of on-the-ground		change impacts in			
implementation often		specific areas, or the			
requires a level of		cost savings and			
certainty or methods to		ecosystem benefits			
address uncertainty		represented by			
related to climate		specific mitigation			
change effects on key		or adaptation			
factors (e.g., hydrology,		measures.			
water quality,					
temperature,					
precipitation, sea level					
rise, coastal erosion					
rates). Additionally,					
there is variability in					
institutional responses					
on how to address					
climate change impacts					
making it challenging to					
develop guidance that					
can be applied					
consistently across all					
watershed jurisdictions.					
Adaptation:	The Climate	Need to achieve	2.4; 2.5; 2.6;		
Collaboration. The many	Resiliency	strategic	2.7		
and diverse stakeholders	Workgroup	collaboration across			
and organizations that	meets monthly	the other goals in			
make up the Bay	to discuss a	the Chesapeake Bay			
Program are a strength,	variety of	Watershed			
but it also causes	climate topics	Agreement that			
collaboration challenges	and provide a	maximizes resources			
that must be addressed	forum for	and connects			
in order to maximize	information-	science to inform			
resources and provide	sharing to	decision-making;			
strategic adaptation	encourage	need consensus on			
approaches across the	collaboration.	strategic adaptation			
watershed.	conaboration.	approaches that fit			
water sirea.		the impact and area			
		of concern			
		OI COILCEITI			

- [

		Monitoring & Assessm	nent Actions – 2023 - 20)24		
A -+!			Responsible Party	Geographic	Expected	Progress Status
Action	Description	Performance Target(s)	(or Parties)/ Point of	Location	Timeline	
#			Contacts			
Manage	ement Approach 1: Asse					
connect	tion with the goals in th	e Chesapeake Bay Watershed Agre	1			
	Coordinate updates	a. Finish updates for the Average	a. Jamileh Soueidan	Bay/ watershed-	Updating climate	
1.1	for prioritized	Air Temperature Change and	(CRC/CRWG Staffer);	wide	change indicators	
	climate change	Total Annual Precipitation	Kathryn Barnhart		will rely on	
	indicators on	Change climate indicators.	(U.S. EPA/Status and		available data	
	Chesapeake Progress		Trends Workgroup);		and assistance	
		b. Revise text on Chesapeake	Mike Kolian (U.S.		from data	
		Progress to better align with	EPA)		providers/	
		current climate change indicator			analysts from	
		efforts.	b. Jamileh Soueidan		other agencies.	
			(CRC/CRWG Staffer);			
			Julie Reichert-			
			Nguyen			
			(NOAA/CRWG)			
	Coordinate the	a. Support cross-workgroup	a. Julie Reichert-	a/b. Bay-wide or	CRWG plans to	
1.2	development of	discussions to identify user case	Nguyen	place-based	make progress	
1.2	prioritized climate	scenarios on how best to	(NOAA/CRWG);	(depends on	on the	
	change indicators in	incorporate living resource-	Jamileh Soueidan	discussions)	development of	
	connection with	related outcome needs (e.g., fish	(CRC/CRWG staffer);		1-2 climate	
	clear management	habitat, SAV) when developing	Bruce Vogt	c. Watershed-	change indicators	
	objectives with	the Bay Water Temperature	(NOAA/Fisheries	wide or place-	during 2023-	
	corresponding	Change climate change indicator.	GIT); Support: Peter	based	2024.	
	workgroups and	Meet with potential data	Tango		Development of	
	natural resource	providers/analysts (e.g., NOAA,	(USGS/STAR)?; Breck		new indicators	
	outcomes	ITAT) to assess feasibility of	Sullivan (USGS/STAR		will depend on	
		approaches and support to	coordinator)?;		the quality of	
		.,	Rebecca Murphy		supporting data,	
	<u> </u>		- 1- /	<u> </u>	11 0:::*/	

develop and maintain the	(UMCES/ITAT)?;	cross-workgroup	
indicator(s).	Brooke Landry	involvement, and	
	(MDNR/SAV	the priorities and	
b. Assess the inclusion of	Workgroup)?; Justin	resources of the	
multiple stressor-type	Shapiro	CBP Partnership.	
information for the Bay	(CRC/Fisheries GIT)		
Temperature Change Indicator			
related to marine heat waves	b. Julie Reichert-		
and dissolved oxygen based on	Nguyen		
recommendations and science	(NOAA/CRWG);		
needs expressed during the	Jamileh Soueidan		
Rising Water Temperature STAC	(CRC/CRWG staffer);		
workshop.	Support: Peter		
	Tango (USGS)?;		
c. In coordination with Healthy	NOAA Chesapeake		
Watersheds GIT, Brook Trout	Bay Office; Hypoxia		
Workgroup, and Stream Health	Collaborative?		
Workgroup, continue exploring			
collaborations with USGS to	c. Renee Thompson		
connect their stream	(USGS/Healthy		
temperature compilation project	Watersheds);		
with updating the stream	Stephen Faulkner		
temperature change indicator.	(USGS/Brook Trout		
Assess use in the Healthy	Workgroup); Jamileh		
Watersheds Assessment related	Soueidan		
to brook trout habitat and	(CRC/CRWG staffer);		
stream health and the	John Clune (USGS);		
identification of potential	Alison Santoro		
resilience landscape and/or BMP	(MDNR/Stream		
factors.	Health Workgroup);		
	Taylor Woods		
	(USGS)		

Manag	ement Annroach 2: Fill	critical data and research gaps and	improve understanding	of climate change
_		omes in the Chesapeake Bay Waters	•	of chiliate change
.3	Increase capacity to	a. Review recommendations	a. Julie Reichert-	a. Placed-based
	better understand	from the Habitat GIT's FY20 GIT-	Nguyen	(target area –
	sea level rise effects	funding project, "Synthesizing	(NOAA/CRWG),	Middle
	on coastal marsh	shoreline, sea level rise, and	Jamileh Soueidan	Peninsula, VA)
	habitats and their	marsh migration data to inform	(CRC/CRWG Staffer)	
	ecosystem services	wetland restoration targeting"	Molly Mitchell	
		and explore use of the synthesis	(VIMS/CRWG);	b. Bay/
		product to inform decision-	Nicole Carlozo	watershed-wide
		making for coastal adaptation	(MDNR/CRWG);	or place-based
		projects (see action 2.2).	Contractor: Skeo	(depends on
				decided
		b. Explore partnerships and	b. Julie Reichert-	methodology)
		methods to quantify current and	Nguyen	
		projected coastal wetland losses	(NOAA/CRWG);	
		from sea level rise and wetland	Jamileh Soueidan	
		gains from marsh migration, in	(CRC/CRWG staffer);	
		coordination with the Wetland	STAR staffer?;	
		WG.	Support: Joel Carr	
			(USGS/CRWG)?; Neil	
			Ganju (USGS)?;	
			Labeeb Ahmed	
			(USGS/GIS	
			Team/CRWG)?;	
			Peter Claggett	
			(USGS); Wetland WG	
			member?	
	Coordinate with the	a. Provide advisory support to	a. Mark Bennett	a. Bay/
1.4	Modeling	the Modeling Workgroup and	(USGS/CRWG), Lew	watershed- wide
1.4	Workgroup and the	Water Quality GIT on the	Linker	
	Water Quality Goal	application of the TMDL climate	(EPA/Modeling WG),	
	Implementation			

	Team (WQGIT) to support the application of TMDL climate change projections	change model projections and any updates for 2025.	Jeremy Hanson (CRC/WQGIT)			
1.5	Improve understanding of best management practices (BMP) responses to climate change conditions	a. Provide advisory support on EPA Request for Applications related to BMP climate resilience research. Supports action in the Executive Council Climate Change Directive Workplan.	a. CRWG: Mark Bennett (USGS), Julie Reichert-Nguyen (NOAA); WQGIT: Ed Dunne (DOEE), Jeremy Hanson (CRC), Lucinda Power (EPA); Modeling Workgroup: Lew Linker (U.S. EPA)	a. Bay/ watershed- wide		

Action	Description	Performance Target(s)	Responsible Party	Geographic	Expected	Progress Status
#	Description	renormance ranget(s)	(or Parties)	Location	Timeline	
Manage	ement Approach 1: Imp	actions in				
connect	tion with the goals in th	e Chesapeake Bay Watershed Agree	ement			
2.1	Support efforts to	a. Plan discussions during CRWG	a/b. Jackie Specht	a/b. Bay/		
	identify approaches	meetings on how the CRWG can	(TNC/CRWG), Julie	watershed-		
	to track climate	feasibly track progress on the	Reichert-Nguyen	wide		
	resilience activities	Adaptation Outcome.	(NOAA/CRWG),			
	and define resilience		Jamileh Soueidan	c. VA		
	enhancement	b. Invite researchers to present	(CRC/CRWG			
		on how they are quantifying	staffer);			

		resilience effectiveness in relation	Elizabeth Andrews			
		to habitat and community	(RAFT/CRWG)?			
		resilience.	Lena Easton-			
			Calabria			
		c. Support EPA ORD ROAR project	(RAND/CRWG)?			
		- Climate Vulnerability and				
		Natural Infrastructure Resilience	c. Julie Reichert-			
		Effectiveness Assessment (if	Nguyen			
		funded).	(NOAA/CRWG);			
			Kyle Buck (EPA			
			ORD); NOAA			
			Chesapeake Bay			
			Office			
2.2	Assist with capacity-	a. Continue to support the GIT-	a. CRWG: Nicole	a. TBD - two		
	building activities	funded Marsh Adaptation Project:	Carlozo (MDNR),	regional		
	that support the	1) Synthesize and promote use of	Jackie Specht (TNC),	focus areas		
	implementation,	common resilience and social	Taryn Sudol (MD	(one in MD		
	pairing, and design	vulnerability metrics for selecting	Sea Grant), Julie	and one in		
	of natural	marsh restoration locations and	Reichert-Nguyen	VA)		
	infrastructure	measuring success and 2) build	(NOAA), Jamileh			
	projects that	partnerships to pursue marsh	Soueidan			
	enhance the	restoration and research projects	(CRC/CRWG			
	resiliency of the Bay	under the influx of resiliency	staffer), Alex			
	and aquatic	funding through alignment of	Gunnerson			
	ecosystems from	priorities. Supports action in the	(CRC/STAR staffer);			
	coastal climate	Executive Council Climate Change	John Wolf (USGS,			
	change impacts	Directive Workplan.	CBP GIS Team);			
			Contractor: Skeo			
		b. Through a possible GIT-funding				
		project, build upon the resilience	b. Julie Reichert-			
		metrics review (see action 2.2a)	Nguyen			
		and synthesize information and	(NOAA/CRWG);			
		methodologies from the various	Jamileh Soueidan			
		partner resilience tools and	(CRC/CRWG			

		atualian into panastistas d	stoffou). In alifa			
		studies into consolidated	staffer); Jackie			
		guidance to help practitioners	Specht			
		with siting and/or designing	(TNC/CRWG)			
		natural infrastructure projects	Support: John Wolf			
		(e.g., living shorelines, tidal	(USGS/CBP GIS			
		wetlands).	Team); Land Use			
			WG member?;			
		c. Provide advisory support and	Wetland WG			
		summarize lessons learned on the	member?;			
		grant application process for				
		projects identified through the	c. ???			
		CRWG's GIT-funded Marsh				
		Adaptation Project (see action				
		2.2a).				
_	ement Approach 2: Und	dertake public and stakeholder engag	gement to increase und	erstanding of cli	mate change	
impact	s to inform and support	adaptation		erstanding of cli	mate change	
impact	s to inform and support Coordinate with the	a. Invite representatives from the	a. CRWG: Jamileh	erstanding of cli	mate change	
impact	Coordinate with the CBP Strategic	a. Invite representatives from the Local Government Advisory	a. CRWG: Jamileh Soueidan	erstanding of cli	mate change	
impact	Coordinate with the CBP Strategic Engagement Team	a. Invite representatives from the Local Government Advisory Committee to present on	a. CRWG: Jamileh Soueidan (CRC/CRWG	erstanding of cli	mate change	
impact	Coordinate with the CBP Strategic Engagement Team to help connect the	a. Invite representatives from the Local Government Advisory Committee to present on recommendations from the Local	a. CRWG: Jamileh Soueidan (CRC/CRWG staffer); LGAC:	erstanding of cli	mate change	
impact	Coordinate with the CBP Strategic Engagement Team to help connect the CRWG science	a. Invite representatives from the Local Government Advisory Committee to present on recommendations from the Local Government Forum: Integrating	a. CRWG: Jamileh Soueidan (CRC/CRWG staffer); LGAC: Jennifer Starr	erstanding of cli	mate change	
impact	Coordinate with the CBP Strategic Engagement Team to help connect the CRWG science support activities	a. Invite representatives from the Local Government Advisory Committee to present on recommendations from the Local	a. CRWG: Jamileh Soueidan (CRC/CRWG staffer); LGAC: Jennifer Starr (Alliance for the	erstanding of cli	mate change	
impact	Coordinate with the CBP Strategic Engagement Team to help connect the CRWG science support activities with community	a. Invite representatives from the Local Government Advisory Committee to present on recommendations from the Local Government Forum: Integrating Resilience into Local Planning.	a. CRWG: Jamileh Soueidan (CRC/CRWG staffer); LGAC: Jennifer Starr	erstanding of cli	mate change	
impact	Coordinate with the CBP Strategic Engagement Team to help connect the CRWG science support activities	a. Invite representatives from the Local Government Advisory Committee to present on recommendations from the Local Government Forum: Integrating Resilience into Local Planning. b. Review recommendations from	a. CRWG: Jamileh Soueidan (CRC/CRWG staffer); LGAC: Jennifer Starr (Alliance for the Chesapeake Bay)	erstanding of cli	mate change	
impact	Coordinate with the CBP Strategic Engagement Team to help connect the CRWG science support activities with community	a. Invite representatives from the Local Government Advisory Committee to present on recommendations from the Local Government Forum: Integrating Resilience into Local Planning. b. Review recommendations from the FY20 GIT-funded project,	a. CRWG: Jamileh Soueidan (CRC/CRWG staffer); LGAC: Jennifer Starr (Alliance for the Chesapeake Bay) b. POC: Amy	erstanding of cli	mate change	
impact	Coordinate with the CBP Strategic Engagement Team to help connect the CRWG science support activities with community	a. Invite representatives from the Local Government Advisory Committee to present on recommendations from the Local Government Forum: Integrating Resilience into Local Planning. b. Review recommendations from the FY20 GIT-funded project, "Chesapeake Bay Program Social	a. CRWG: Jamileh Soueidan (CRC/CRWG staffer); LGAC: Jennifer Starr (Alliance for the Chesapeake Bay) b. POC: Amy Hayden (UMCES);	erstanding of cli	mate change	
impact	Coordinate with the CBP Strategic Engagement Team to help connect the CRWG science support activities with community	a. Invite representatives from the Local Government Advisory Committee to present on recommendations from the Local Government Forum: Integrating Resilience into Local Planning. b. Review recommendations from the FY20 GIT-funded project, "Chesapeake Bay Program Social Science Assessment and	a. CRWG: Jamileh Soueidan (CRC/CRWG staffer); LGAC: Jennifer Starr (Alliance for the Chesapeake Bay) b. POC: Amy Hayden (UMCES); CRWG member?;	erstanding of cli	mate change	
impact	Coordinate with the CBP Strategic Engagement Team to help connect the CRWG science support activities with community	a. Invite representatives from the Local Government Advisory Committee to present on recommendations from the Local Government Forum: Integrating Resilience into Local Planning. b. Review recommendations from the FY20 GIT-funded project, "Chesapeake Bay Program Social Science Assessment and Integration Road Map	a. CRWG: Jamileh Soueidan (CRC/CRWG staffer); LGAC: Jennifer Starr (Alliance for the Chesapeake Bay) b. POC: Amy Hayden (UMCES);	erstanding of cli	mate change	
_	Coordinate with the CBP Strategic Engagement Team to help connect the CRWG science support activities with community	a. Invite representatives from the Local Government Advisory Committee to present on recommendations from the Local Government Forum: Integrating Resilience into Local Planning. b. Review recommendations from the FY20 GIT-funded project, "Chesapeake Bay Program Social Science Assessment and	a. CRWG: Jamileh Soueidan (CRC/CRWG staffer); LGAC: Jennifer Starr (Alliance for the Chesapeake Bay) b. POC: Amy Hayden (UMCES); CRWG member?;	erstanding of cli	mate change	

Manage	lanagement Approach 3: Address the institutional capacity of the Chesapeake Bay Program to prepare for and respond to					
_	mate change					
2.4	Consult on cross-GIT	a. Placeholder: Forestry	a. POC: Katie			
	climate change	Workgroup climate adaptation-	Brownson			
	projects	related FY22 GIT-Funded project	(USFS/Forestry			
	, ,	, ,	Workgroup/CRWG)			
		b. Placeholder: Stream Health	, ,			
		Workgroup climate resilience-	b. POC: Alison			
		related FY22 GIT-Funded project	Santoro (Stream			
		,	Health Workgroup)			
		c. Placeholder: SAV Workgroup	Treating trap,			
		climate resilience-related FY22	c. POC: Brook			
		GIT-Funded project	Landry (MDNR/SAV			
		an ranaca project	Workgroup)			
2.5	Utilize the	a. Develop a workgroup charter	Julie Reichert-			
	Chesapeake Bay	that describes the workgroup's	Nguyen			
	Program's SRS	role, membership contributions,	(NOAA/CRWG),			
	process to conduct a	participation benefits, and	Jamileh Soueidan			
	biennial review of	operating principles – how best	(CRC/CRWG			
	the Climate	the workgroup can support	Staffer),			
	Resiliency	climate resilience outcomes and	Mark Bennett			
	Workgroup and	other workgroup outcomes	(USGS/CRWG),			
	assess priorities	within the watershed and	Jackie Specht			
	ussess priorities	member organizations. Include an	(TNC/CRWG), Alex			
		approach to prioritize climate-	Gunnerson and			
		related requests from the CBP	Amy Goldfischer			
		workgroups for CRWG assistance.	(CRC/STAR			
		workgroups for chivid assistance.	staffers), Breck			
		b. SRS Support – Develop Climate	Sullivan			
		Resiliency Workgroup logic and	(USGS/STAR), Peter			
		action table and update	Tango (USGS/STAR)			
		· ·	Taligo (USUS/STAN)			
		management strategies and appendix of partnership climate				
		resilience efforts. Supports action				
		resilience enorts. Supports action			DAETHALLANI	

		in the Executive Council Climate Change Directive Workplan. c. Document high priority science needs to disseminate among groups in the Chesapeake Bay Program Science Needs database. d. Determine how the workgroup can support science recommendations from the Rising Water Temperature STAC workshop. e. Evaluate workgroup's role in supporting ocean acidification and blue carbon/carbon sequestration monitoring and assessment needs, in coordination with STAR (refer to Enhancing the Chesapeake Bay Program Monitoring Networks report to the PSC).			
2.6	CRWG membership, meetings, and website	a. Distribute survey to workgroup members to understand their climate related interests and expertise to identify opportunities and gaps in membership to support the Monitoring and Assessment and Adaptation Outcomes and cross-	Julie Reichert- Nguyen (NOAA/CRWG), Jamileh Soueidan (CRWG Staffer), Mark Bennett (USGS/CRWG), Jackie Specht (TNC/CRWG), Alex		

2.7 Prepare for new a. Federal Office Directors (FOD) a. FOD: Lee federal and state communicate with CRWG on new climate initiatives administration climate policy and and emerging issues related to the a. FOD: Lee McDonnell (U.S. EPA), Mark Bennett (USGS), and Sean Corson (NOAA)			workgroup climate-related projects. b. Seek to expand workgroup membership to support activities and align with resiliency funding opportunities. c. Organize and facilitate CRWG meetings. Work with members to identify the best structure for meetings to effectively make progress on CRWG actions. d. Host meetings to identify and discuss gaps in resiliency work (e.g., ghost forests/forest loss, marsh migration tradeoffs, benefits of living shorelines versus hardened shorelines, equitable adaptation) in collaboration with respective workgroups. e. Update Climate Resiliency Workgroup's website	Gunnerson and Amy Goldfischer (STAR staffers)		
Chesapeake Bay b. Develop process to document	2.7	climate initiatives and emerging issues related to the	administration climate policy and direction.	EPA), Mark Bennett (USGS), and Sean		

climate resilience	provided by FOD and state	b. Mark Bennett
needs	partners.	(USGS/CRWG), Julie
		Reichert-Nguyen
	c. Review and coordinate with	(NOAA/CRWG),
	respective groups on the	Jamileh Soueidan
	Comprehensive Evaluation of	(CRC/CRWG staffer)
	System Response (CESR) STAC	
	report in connection with	c. Julie Reichert-
	nearshore and climate resilience	Nguyen (NOAA),
	efforts.	Bruce Vogt (NOAA),
		Jamileh Soueidan
		(CRC); CRWG
		member?; STAR
		Staffer?