



**Management Board
Program Update**
June 9, 2022

CBPO Calendar

June 10	Forage Action Team Meeting
June 10	BMP Verification Ad-Hoc Action Team Meeting
June 13	Status and Trends Workgroup Meeting
June 13	Healthy Watersheds GIT Meeting
June 14-15	STAC Quarterly Meeting June 2022
June 15	Nontidal Network Workgroup Meeting
June 15	Land Use Workgroup Conference Call
June 16	Agriculture Workgroup Conference Call
June 17	Data Integrity Workgroup Meeting
June 17	Stream Health Workgroup Meeting
June 21	Urban Stormwater Workgroup Conference Call
June 21	Wetland Workgroup Meeting
June 22	Integrated Trends Analysis Team Meeting
June 23	STAR Science Needs Meeting
June 27	Water Quality GIT Conference Call
June 29	Climate Resiliency Workgroup Meeting
July 14	Management Board Meeting
July 19	Principals' Staff Committee Meeting

CBP Welcomes New Director: Dr. Kandis Boyd

On Monday, June 6, the Chesapeake Bay Program welcomed Dr. Kandis Boyd as its new Director. Dr. Boyd has nearly 30 years of experience leading, teaching, advising and mentoring students and early career enthusiasts in environmental and atmospheric science. Her skillset as a strategic thinker, change agent, and leader includes designing, developing, and managing cutting edge initiatives to advance STEAM - science, technology, engineering, arts, and math. She most recently served as the Strategic Advisor for the National Science Foundation's (NSF) Office of Equity and Civil Rights. Dr. Boyd championed key agency-wide initiatives to broaden participation and to reduce the gap between future STEAM careers and experienced professionals needed for these positions, particularly in the areas of diversity, equity, inclusion, and accessibility. Prior to that Dr. Boyd served as the first Deputy Division Director of the NSF Division of Grants and Agreements, in which she provided oversight and direction for 35 individuals, a \$5 billion budget, and over 12,000 new grants annually.

Chesapeake Bay Awareness Week Celebrated June 4-12, 2022

Each year, nine days in June are dedicated to celebrating the culture, history and natural beauty of the Chesapeake Bay watershed. This year, the annual Chesapeake Bay Awareness Week is being celebrated

from June 4 to 12, 2022 and revolves around the theme, “Restoration Brings Results.” In 2016, the Chesapeake Bay Commission championed this tradition with designations from the State of Maryland, Commonwealth of Virginia and Commonwealth of Pennsylvania. Every year, the week is kicked off with Chesapeake Bay Foundation’s [Clean the Bay Day](#) and has historically ended with Bernie Fowler’s Patuxent River Wade-In. This year’s celebrations will also overlap with [Lancaster Water Week](#) in Pennsylvania and [River Rally](#) in Washington, D.C. Local governments can celebrate by proclaiming Chesapeake Bay Awareness Week in their jurisdiction. Community members will have the opportunity to join other educational and volunteer events throughout the week.

Learn more about Chesapeake Bay Awareness

week: https://www.chesapeakebay.net/action/chesapeake_bay_awareness_week

University of Maryland Bay Report Card Highlights Slight Improvements

On June 6, 2022, the annual report card measuring the health of the Chesapeake Bay and its watershed was released from the University of Maryland Center for Environmental Science (UMCES). It reported an overall slight positive trend in Bay health and incorporated new economic indicators for the full Chesapeake watershed. This year, the Bay received a 50% which scores a ‘C.’ This is a 5% increase from last year’s grade. Dissolved oxygen, total phosphorus, total nitrogen and underwater grasses have been designated “significantly improving, based on long-term trends that go back to 1986. At the press conference to unveil the report card, U.S. Representative Dutch Ruppersberger (D-Md.) spoke about the importance of allocating funding for restoration efforts and protecting this resource for Maryland and the rest of the jurisdictions in the watershed. To view the full report card, click [here](#).

Contact: Rachel Felver, rfelver@chesapeakebay.net

Wetland Outcome Attainability Workshop Scheduled for August 2-3

A virtual workshop intended to accelerate progress on the CBP Watershed Agreement’s Wetlands Outcome is scheduled to take place August 2-3, 2022, from 10:00-3:30 EST both days. The two-day meeting will bring together key people from around the watershed to identify actions to overcome the barriers of implementing nontidal and tidal wetland restoration and accelerate progress towards the outcome. Within three months following the workshop, the participants will develop an action plan that outlines steps and a timeline for dedicating resources to implementing these approaches.

Contact: Katlyn Fuentes, fuentesk@chesapeake.org.

Advisory Committee Updates

Local Government Advisory Committee

The purpose of the LGAC is to advise the Executive Council on how to effectively implement projects and engage the support of local governments to achieve the goals of the Bay Agreement.

LGAC met June 2-3 in Lancaster for its quarterly hybrid meeting. Members considered recommendations to the EC, and engaged in an afternoon discussion with a focus on agriculture; first hearing about the STAC report: *Overcoming the Hurdle: Addressing Implementation of Agricultural BMPs Through a Social Science Lens*, then exploring collaboration programs with agricultural supply chain corporations and touring an innovative local farm as well as the Little Conestoga Blue/Green Corridor Project. In addition, LGAC considered the Correctional Conservation Collaborative: *Achieving Pennsylvania Forestry Goals through Workforce Development*, Riparian Rangers: riparian forest buffer maintenance through trained volunteers and the Accelerated Conservation and Restoration GIS Mapping Tool.

LGAC will be co-sponsoring a July 12th zoom webinar - *Infrastructure Investment and Jobs Act: Opportunities to Invest in Water Infrastructure using State Revolving Funds*. Co-sponsors are state and national “trusted source” associations.

LGAC is beginning the planning for the September Local Government Forum on *Developing Community Resilience Plans*. This deep-dive Forum will be held September 29th with the goal of developing recommendations for EC and MB consideration.

LGAC still seeks a New York representative.

Please contact LGAC Coordinator, Jennifer Starr at jstarr@allianceforthebay.org with any questions and comments. To be added to the Interested Parties list, please contact LGAC Staff at lgac@allianceforthebay.org.

Citizens' Advisory Committee

The Citizens Advisory Committee (CAC) is charged with responsibility for representing residents and stakeholders of the Chesapeake Bay watershed in the restoration effort and advising the Chesapeake Bay Program Partnership on all aspects of restoration.

The Citizens Advisory Committee held a hybrid meeting in Ellicott City, MD on May 18-19, 2022. The CAC Emerging Issues Subcommittee hosted a panel discussion about large scale solar development and their potential impacts on land use and the *Chesapeake Watershed Agreement* goals and outcomes, including water quality. Panelists included an agricultural and resource law professional sharing a briefing on national research on solar development, a local representative of a community solar development company and state agency representatives from VA, MD and PA. Following the panel, the members toured two nearby solar farms- one under construction, the other completed- and learned from the solar development owner why he invested in the technology.

Members learned about the local context of the watershed from the Patuxent Riverkeeper, had a discussion with the Chesapeake Bay Commission's Chair, and continued their discussion on bylaws revisions, the CAC's role and its relationship to “citizen” in CAC's name. Members were unable to come to consensus on the CAC's name and will continue the discussion.

The next CAC meeting will be on September 15-16 in Washington, DC.

There are 2 PA gubernatorial vacancies and 1 DC mayoral vacancy.

The CAC officers are Julie Lawson (DC), Chair and Ann Jurczyk (VA), Vice-Chair.

To be added to CAC's Interested Parties List, please contact: Alexa Maione amaione@allianceforthebay.org for program questions, contact Jessica Blackburn jblackburn@allianceforthebay.org

Scientific and Technical Advisory Committee (STAC)

The Scientific and Technical Advisory Committee (STAC) provides scientific and technical guidance to the Chesapeake Bay Program on measures to restore and protect the Chesapeake Bay.

For any inquiries, or to be added to STAC's Interested Parties list, contact STAC Coordinator, Meg Cole (colem@chesapeake.org)

Visit the STAC website at www.chesapeake.org/stac

Upcoming June Quarterly Meeting: June 14-15, 2022

The upcoming STAC June Quarterly Meeting will be held in-person in Lancaster, PA on June 14th and 15th at the Cork Factory Hotel. The meeting will center around the theme of soil health, with an introduction to Lancaster and its importance to soil health, two panels on stakeholder perspectives and related opportunities and challenges, and a field trip to two relevant sites on the afternoon of Day 1. Participants and members will have travel to two sites, first Cedar Meadow Farm and then Bottom Line Ag Supply, to view horse-drawn manure injector equipment.

If you are interested in attending either in-person or virtually, please RSVP using this [Google form](#). You can find more information on the [meeting webpage](#) or reach out to STAC Coordinator, Meg Cole (colem@chesapeake.org).

Upcoming STAC 2022 Quarterly Meeting Dates

June 14-15, 2022: Hybrid; [Cork Factory Hotel](#) in Lancaster, PA.

September 13-14, 2022: Hybrid; [Vandiver Inn](#) in Havre De Grace, MD.

December 6-7, 2022: Virtual

FY2022 STAC Workshop Approved Proposals

STAC approved the follow five workshops for funding in FY22 (June 1, 2022- May 31, 2023):

1. *Using Carbon to Achieve Chesapeake Bay (and Watershed) Water Quality Goals and Climate Resiliency: The Science, Gaps, Implementation Activities and Opportunities* (State of the Science Workshop)
2. *Best Management Practices to Minimize Impacts of Solar Farms on Landscape Hydrology and Water Quality* (State of the Science Workshop)
3. *The State of the Science and Practice of Stream Restoration in the Chesapeake: Lessons Learned to Inform Better Implementation, Assessment and Outcomes* (State of the Science Workshop)
4. *Using Ecosystem Services to Increase Progress Toward, and Quantify the Benefits of, Multiple CBP Outcomes* (Programmatic Workshop)
5. *Using Local Monitoring Results to Inform the Chesapeake Bay Program's Watershed Model* (Programmatic Workshop)

The following proposal was recommended to be a STAC technical review:

1. *Nutrient Reductions as Co-Benefit of Acid Mine Drainage (AMD) Treatment Proposal: Quantifying Nutrient Load Reductions for Restored Stream Segments in Acid Mine Drainage Impacted Watersheds*

FY2021 STAC-Sponsored Workshops

All FY2021 STAC-Sponsored workshops have now convened. Recent workshop sessions are listed below. FY2021 ran from June 1, 2021- May 31, 2022.

1. *Improving Modeling and Mitigation Strategies for Poultry Ammonia Emissions Across the Chesapeake Bay Watershed* (Programmatic and State of the Science Workshop):
Workshop met over a series of virtual sessions. More information on these ‘mini-workshops’ linked below. The Steering Committee is now drafting the workshop report for release in fall 2022.
 - . [June 1](#): Synthesis session discussing key findings and drafted recommendations from all previous sessions.
 - i. [May 4](#): Examined critical knowledge gaps and obstacles to developing and integrating new poultry production management and mitigation data.
 - ii. [April 21](#): Follow-up session on the outputs from March 31st. Defined priorities and considerations and options available for decision-makers.
 - iii. [April 20](#): CMAQ apportionment deep dive: How can these new results inform out bay modeling/bay restoration efforts?
 - iv. [March 31](#): Summarized the effectiveness of various BMPs and incorporated stakeholder input on the practical implications of these BMPs.
 - v. [November 19, 2021](#): Introduction – What are the key decision points related to this issue? Is the partnership supporting these decision points? How might they?
2. *Improve the Understanding and Coordination of Science Activities for PFAS in the Chesapeake Bay Watershed* (State of the Science Workshop):
May 17-18, 2022: [Workshop webpage](#)
Met in-person at the Historic Inns of Annapolis. The Steering Committee is now drafting the workshop report for release in fall 2022.
3. *Advancing Monitoring Approaches to Enhance Tidal Chesapeake Bay Habitat Assessment including Water Quality Standards for Chesapeake Bay Dissolved Oxygen, Water Clarity/SAV and Chlorophyll a Criteria* (Programmatic):
May 11, 2022: [Workshop webpage](#)
Workshop met virtually for three full-day sessions to discuss Water Clarity/SAV, Chlorophyll a, and Dissolved Oxygen criteria respectively. The Steering Committee is now drafting the workshop report for release in fall 2022.
 - . May 11: [Dissolved Oxygen](#)
 - i. April 22: [Chlorophyll a](#)
 - ii. December 9, 2021: [Water Clarity/SAV](#)
4. *Evaluating an Improved Systems Approach to Crediting: Consideration of Wetland Ecosystem Services* (Programmatic):
March 22-23, 2022: [Workshop webpage](#)
Workshop met in-person at the Chesapeake Bay Foundation in Annapolis, MD for a 2-day meeting. The Steering Committee is now drafting the workshop report for release in early-fall 2022.

5. *Rising Watershed and Bay Water Temperatures—Ecological Implications and Management Responses* (Programmatic):

Workshop met virtually for two full-day meetings. Meeting agendas and presentations are available on the linked webpages below; Day 2 workshop briefing papers are included for the Tidal and Watershed workgroups. The Steering Committee is now drafting the workshop report for release in the coming months.

- . [March 15](#): Day 2
 - 0. [Tidal Briefing Paper](#)
 - 1. [Watershed Briefing Paper](#)
- i. [January 12](#): Day 1

Information regarding future workshops, including agendas, presentations, and reports (as they become available) can be found on the STAC [workshop homepage](#).

STAC Reports

Upcoming Reports:

STAC is working to finalize the following reports. Information regarding workshops held prior to January 2018 can be found on the [STAC publication page](#). STAC Staff and the Executive Board are working with leads of reports from prior to FY2018 to potentially produce fact sheets or other products that would quicken the process of getting recommendations out to the Partnership.

Reports in bold are undergoing final review stages and will be released within the next quarter.

1. **Overcoming the Hurdle: Addressing BMP Implementation Through a Social Science Lens** (FY 2020)
2. **Assessing the Water Quality, Habitat, and Social Benefits to Green Riprap** (FY20)
3. Linking Wetland Workplan Goals to Enhance Capacity, Increase Implementation (FY2015)
4. Assessing Uncertainty in the CBP Modeling System (FY2015)
5. Comparison of Shallow Water Models for Use in Supporting Chesapeake Bay Management Decision-making (FY2015)
6. An Analytical Framework for Aligning Chesapeake Bay Program Monitoring Efforts to Support Climate Change (FY2016)

Several workshop steering committees are in the process of drafting activity reports and other workshop outcomes that will be distributed to the Partnership over the next few months. More information on recent workshop reports can be found on the STAC past workshop webpage.

Goal Implementation Team, STAR and Communication Workgroup Updates

Sustainable Fisheries Goal Implementation Team

The Sustainable Fisheries GIT focuses on advancing ecosystem-based fisheries management by using science to make informed fishery management decisions that cross state boundaries.

The Sustainable Fisheries GIT summer membership meeting will be hosted at the UMCES Chesapeake Biological Laboratory on July 20th-21st. There will be hybrid availability for all who wish to attend. Please contact Justin Shapiro (justin.shapiro@noaa.gov) with any questions about meeting specifics.

Contact: Bruce Vogt; bruce.vogt@noaa.gov

Habitat Goal Implementation Team

The Habitat GIT works to restore a network of land and water habitats to afford a range of public benefits and to support priority species.

- **HABITAT GIT FALL MEETING:** The Habitat GIT Steering Committee recently determined that the HGIT Fall Meeting will take place on November 15th from 1:00-5:00 ET and November 16th from 9:00-1:00. This will be a hybrid meeting with both in-person and virtual attendance options. Additional information will be posted to the **Bay Program Calendar** as it gets closer.
- **GIT FUNDING:** The Brook Trout, Fish Passage, Stream Health, and Wetland workgroups were all approved for GIT Funding and their proposals were included in the RFP. The workgroups spent the past month reviewing project bids and the final decisions for the Fish Passage & Stream Health projects will be announced soon. The Brook Trout & Wetland project scopes will be refined and re-advertised in the coming months.
- **STREAM HEALTH WORKGROUP:** The next workgroup meeting will be held on 6/17 from 10:00-12:00 ET. This will be a virtual meeting held via Microsoft Teams. The meeting links have been sent out and the agenda is forthcoming. Additional information can be found on the **CBP Calendar**.
- **WETLAND WORKGROUP:** The next workgroup meeting will be held on 6/21 from 2:00-4:00 ET. This will be a virtual meeting and the agenda is forthcoming. Additional information will be posted to the **CBP Calendar** in the near future.
- **WETLAND WORKSHOP:** The Steering Committee has been meeting weekly to plan the workshops that will address increasing the implementation of tidal and nontidal wetland restoration. The workshops will be held August 2-3, 2022.

Habitat GIT Contact: Katlyn Fuentes (fuentesk@chesapeake.org)

Water Quality Goal Implementation Team

The Water Quality GIT works to evaluate, focus, and accelerates the implementation of practices, policies and programs that will restore water quality in the Chesapeake Bay and its tidal tributaries to conditions that support living resources and protect human health.

The WQGIT held a meeting on May 23, 2022. A subset of topics discussed includes:

- Matt Rowe (MDE, Conowingo WIP Steering Committee Co- Chair) briefed the WQGIT on a request from the Conowingo WIP Steering Committee to use a model-based approach to evaluate Conowingo dredging as a BMP.
- Ed Dunne (DOEE, WQGIT Chair) provided a recap of the April WQGIT meeting on Phase 7 Model Development.
- Ed Dunne (DOEE, WQGIT Chair) provided an update on the CAST-21 Letter to the Management Board. No consensus was reached on the additional recommendations presented. The WQGIT leadership added an appendix to the Letter that contains the results and comments from the survey about the additional recommendations.
- Ann Swanson (CBC Executive Director) provided a legislative update highlighting key achievements in Maryland, Virginia, and Pennsylvania's legislative sessions with respect to

Chesapeake Bay restoration and water quality. She also touched on recent federal legislative actions.

- Jeremy Hanson briefed the WQGIT on upcoming SRS deadlines and provided a summary of the 2025 WIP Outcome.
- Lucinda Power and Jeremy Hanson recapped the schedule and comments received on the BMP Protocols. They reviewed the latest revisions made in response to feedback. The WQGIT will seek consensus on the revised BMP Protocols at their June 27 meeting.

The WQGIT will hold a meeting on June 27, 2022. A subset of topics to potentially be discussed are below:

- SRS 2025 WIP Outcome
- BMP Protocol Revisions
- Conowingo WIP Steering Committee Modeling Request
- CAST 2021
- Tree Canopy Outcome Indicator

Water Quality GIT Contact: Hilary Swartwood (swartwood.hilary@epa.gov), Jackie Pickford (pickford.jacqueline@epa.gov)

Healthy Watersheds Goal Implementation Team

The goal of the Maintain Healthy Watersheds Goal Implementation Team (GIT 4) is to maintain local watershed health across a range of landscape contexts. With this goal, GIT 4 intends to bring attention to the challenge of protecting streams and watersheds that are healthy today. This initiative complements the "dirty waters" approach which focuses on restoring impaired waters.

- The Healthy Watersheds Goal implantation Team is ramping up for a busy spring. Renee Thompson (Coordinator) and Sophie Waterman (Staffer) are meeting with jurisdictional leads to make sure that State Identified Healthy Watersheds (SIHW) definitions are correct, up to date and refined as needed. The next steps are the following:
 - Refine SIHW Definitions for each participating jurisdiction
 - Update data as appropriate (GIS shapefiles)To view the current State-identified healthy watersheds and the definitions visit the Chesapeake Progress site at: <https://www.chesapeakeprogress.com/clean-water/healthy-watersheds>
- The goal team meeting was on April 11th where members heard presentations on Planning for Clean Water Collaboration, the STAC Rising Temp Day 2 Workshop Overview and Relation to HWGIT, and a progress status on Monitoring Very-High Resolution Land Use/Land Cover Change. The next HWGIT meeting will be held on June 13th.
- The HWGIT is sponsoring two GIT funding projects. The first project is the Chesapeake Healthy Watersheds Assessment 2.0 (Scope 1) with Renee Thompson as the technical lead. The second project Updating the Chesapeake Conservation Partnership (CCP) Priority Habitat dataset of the Chesapeake Conservation Atlas: Scoping project (Scope 10) with John Wolf, Bill Jenkins, and Renee Thompson as technical leads. RFP applications for GIT funding project were due in April. Over the past few months, the Bay Trust has been reviewing bidders, writing contracts, and sending out awards with contractors work to start in mid June.

Healthy Watersheds GIT Contact: rthompso@chesapeakebay.net; swaterman@chesapeakebay.net

Fostering Chesapeake Stewardship Goal Implementation Team

The Fostering Chesapeake Stewardship GIT promotes individual stewardship, supports environmental education for all ages, and assists residents, communities, local governments and other stakeholders in undertaking initiatives to achieve restoration and conservation in the Chesapeake region. It aims to build public support of restoration efforts and increase engagement and active stewardship.

Stewardship Workgroup

- *The workgroup has finalized its 2022-2023 Logic and Action Plan. The next workgroup meetings held on July 13th and October 6th will focus on advancing the work under the two-year plan, and further developing the professional community among the workgroup members.*
- *The Stewardship Workgroup is excited to share the Chesapeake Behavior Change web-tool which houses and promotes the use of the stewardship index data. Check it out for yourself here: <https://www.chesapeakebehaviorchange.org/>. This project was generously supported by GIT funding and will serve as a hub for social science tools and information for the Chesapeake Bay Program. A CBP webinar about the site took place on 4/12, a recording can be viewed on the Chesapeake Bay Program's Youtube page: <https://www.youtube.com/c/chesbayprogram>*
- *The workgroup is proceeding with the FY20 GIT Funded Project titled "Chesapeake Bay Program Social Science Assessment and Integration Road Map Development" which will determine ways to strategically integrate social science into the Chesapeake Bay Program.*

Education Workgroup

- *The Education Workgroup completed its Quarterly Progress Meeting with the Management Board on May 12th. The group is next focusing its attention on developing the new two-year Logic & Action Plans for the three Environmental Literacy Outcomes. The biennial forum for environmental literacy practitioners and leadership summit are being planned for 2023.*
- *Progress continues on the Outdoor Learning Network Initiative (OLNI), launched in September 2019 to increase sustained and systemic Environmental Literacy instruction in underserved districts. The first local networks included (1) Berkely, Jefferson and Morgan Counties, WV, and (2) Lancaster County, PA. The second local networks are in their early stages and include Baltimore City, MD and Hampton Roads, VA. OLNI project is advised by the Education Workgroup and consistent with Stewardship GIT goals.*
- *The Education Workgroup continues to develop the Regional Outdoor Learning Network (ROLN). ROLN aims to 1) increase communication across partners and local implementation networks to support environmental literacy, including more and better designed MWEEs and 2) increase the number of teacher-supported systemic environmental literacy programs occurring in priority school districts.*
- *The Education Workgroup has been working closely with the Chesapeake Bay Program Web Team to update elements of baybackpack.com, an Environmental Literacy teaching resource for formal and non-formal educators in the watershed.*
- *The Chesapeake Youth Initiative is underway for this summer. Youth participants will be joining the Management Board meeting in July.*

Public Access Workgroup

- *The Public Access Workgroup's Spring Meeting was held on April 20th. Preliminary results of the Benefits and Barriers to Public Access Research Project were shared, along with a draft version of the workgroup's next 2-year action plan, which has since been finalized.*
- *The Public Access Workgroup is currently collecting and finalizing data on Public Access sites opened in 2021.*
- *The Public Access Workgroup is proceeding with the FY20 GIT Funded Project titled "Public Access Research - Benefits and Barriers Across the Watershed" which will determine how residents in the Chesapeake Bay Watershed utilize public access sites and what barriers prevent traditionally underserved populations from utilizing public access sites. A small subset of the workgroup has agreed to work with the selected contractor OpinionWorks to advise this project as it goes forward.*

Chesapeake Conservation Partnership / Protected Lands Workgroup

- *The CCP is proceeding with the FY20 GIT Funded Project titled "Developing Standards and Metrics to Target the Conservation of 'Green Spaces' in Diverse and Low-Income Urban Communities." The project is slated for completion this summer.*
- *The CCP has been involved in organizing the team of partners that will ultimately implement the Chesapeake WILD program. While this is separate from CBP work, it is complementary, and there are members of the team who represent CBP as well as jurisdiction partners.*

Fostering Chesapeake Stewardship contact: Britt Slattery; britt_slattery@nps.gov

Diversity Workgroup

Please check your spam folder for an email from CB-Survey@erg.com to fill out the diversity indicator survey. This survey is important to evaluate our progress toward the diversity outcome.

This summer, the Diversity Workgroup welcomes two CStREAM interns who will support tasks in our workplan. Mackenzie Smith is a junior at Towson University pursuing a bachelor's in environmental science with a concentration in environmental studies. This summer she will work as our capacity building liaison and support one of our community organization partners, Backyard Basecamp. Bianca Martinez Penn is getting a degree in Marine Affairs and a minor in Sustainable Business at University of Miami. She is our new DEIJ intern who will help other GITs and Workgroups develop materials that describe how DEIJ applies to their work.

The Diversity Workgroup has many tasks scheduled for July. These tasks include a community forum, allyship training, lunch & learn and a workgroup meeting. We appreciate all the help we have gotten from others in the partnership!

Diversity workgroup contact: Briana Yancy; yancy.briana@epa.gov (Staffer)

Enhance Partnering, Leadership and Management Goal Implementation Team (GIT 6)

The goal of the Enhance Partnering, Leadership and Management GIT is to continually improve the governance and management of the CBP Partnership.

2021 GIT Funding Program – The Request for Proposals (RFP) has closed for 2021 Projects. Of the 12 projects, 11 received one or more bids, and the project which did not receive bids will be readvertised if changes can be made to the scope or the potential bidders list. The review process of potential bidders took place over the span of two weeks between April 22, 2022 and May 6, 2022. The total funding for the 2022 GIT Funding Program has not yet been announced. Following an extensive review by a volunteer team of stakeholders, the 2022 GIT Funding Program Manual is expected to be issued by the end of June 2022.

Governance Document Action Team (GDAT) – The GDAT meets biweekly to work through needed adjustments to the CBP Governance Document. GIT 6 approved the recent proposed edits regarding roles of staff and grammatical edits to EC Leadership language. A draft of the revised document and proposed language were presented to GIT 6 for concurrence at the March 16, 2022 meeting and later will be presented to Management Board. Example changes to the document include insertion of the DEIJ Directive, clarified responsibilities regarding the Strategy Review System and refinement of guidance on decision making.

Organizational Analysis – A plan has been developed to use a published survey instrument to measure the culture of trust across the CBP. This initiative responds to several occasions when GIT 6 has gotten feedback that trust is an important factor in CBP member perceptions of the program. In addition, trust is known to be one of the essential factors in efficient, high-performing organizations. The survey is targeted to be released to CBP leaders and members in Spring 2022.

Contact: Greg Allen (Coordinator), allen.greg@epa.gov; and Kristin Saunders (ksaunders@umces.edu)

Budget and Finance Workgroup - The Budget and Finance Workgroup (BFWG) Spring Quarterly Meeting took place on May 5, 2022 as a conference call. Meeting topics focused on infrastructure spending with an update on the funding opportunities table, an update on an NCEE Environmental Justice proposal, and a discussion on the role of BFWG regarding forest buffers and wetlands outcomes. The BFWG will hold its next meeting on July 27, 2022.

Contact: Martha Shimkin (Co-Chair), shimkin.martha@epa.gov; Dr. Elliott Campbell (Co-Chair), elliott.campbell@maryland.gov

Local Leadership Workgroup - The Local Leadership Workgroup (LLWG) held its Spring Quarterly Meeting on May 3, 2022 as a hybrid meeting in person in Leesburg, Virginia and virtually via conference call. Meeting topics included a welcome from Mayor Kelly Burk, a discussion on the successes, challenges, and lessons learned from the Local Government Guide to the Chesapeake Bay, proposals of topics for Phase II modules, and an update on the Peer 2 Peer Bus Tours. A tour of the Tuscarora Creek Stream Restoration/ Flood Mitigation Project was held following the meeting. The LLWG will hold its next meeting on August 30, 2022 focused on social science. Efforts to roll out A Local Government Guide to the Chesapeake Bay 2.0 continue in partnership with state agencies and local government associations.

Contact: Caroline Johnson (Staffer), johnson.caroline@epa.gov; Laura Cattell Noll (Coordinator), lnoll@allianceforthebay.org; Heidi Bonnaffon (Chair), hbonnaffon@mwcoq.org; Michelle Edwards (Vice Chair), medwards@rrregion.org

Scientific, Technical Assessment, and Reporting Team (STAR)

The purpose of STAR (Scientific, Technical Analysis and Reporting) is to facilitate productive deployment of scientific resources, to provide timely, quality information to managers, and to expand communication between workgroups.

The [May STAR meeting](#) was a working meeting in collaboration with the Status and Trends Workgroup to brainstorm quantitative metrics for outcomes with qualitative language. The meeting focused on the Local Leadership Outcome's indicator development. The meeting began with a presentation from Kathryn Barnhart on the importance and role of indicators in adaptive management. The meeting transitioned to moderated break out rooms and a report out session on the discussion. This indicator development effort for the Local Leadership Outcome will continue at the June 13th Status and Trends Workgroup meeting to align the feedback from STAR with the questions available in the Local Leadership survey. The meeting also included an update on the Monitoring Review to the PSC and new sources of funding for monitoring. The next STAR meeting is on June 23, 2022.

Modeling Workgroup

The Modeling Workgroup continues to develop the CBP Phase 7 watershed, airshed, and estuarine models. The ongoing work will be presented and discussed at the Chesapeake Community Research Symposium held in Annapolis on June 6-8. The next CBP Modeling Quarterly is a two-day meeting on July 12th and 13th, 2022.

Integrated Trends Analysis Team (ITAT)

The May ITAT meeting was canceled to allow ITAT members time to review key documents related to the tributary summaries (draft climate change materials for the addition of precipitation intensity and water temperature data to the tributary summary reports and a draft timeline for updating the tributary summary reports) and to allow for attendance at relevant conferences taking place that day. The next ITAT meeting will take place on June 22nd.

In efforts to disseminate the tributary summaries to interested parties, ITAT has presented information and examples on how to use the information to inform management decisions to multiple groups including STAC, CBP Modeling Workgroup, and Anacostia Watershed Community Advisory Committee. If interested in having the Tributary Summaries presented at your jurisdictional or local meetings, please contact Breck Sullivan (bsullivan@chesapeakebay.net) and Vanessa Van Note (VanNote.Vanessa@epa.gov).

Climate Resiliency Workgroup (CRWG)

The Climate Resiliency Workgroup (CRWG) did not hold a May meeting as staff and workgroup members were focusing their resources on writing the Rising Water Temperatures STAC Workshop report. The CRWG coordinator, Julie Reichert-Nguyen, presented on the Climate Resiliency and Wetland workgroups' collaborative marsh resilience efforts during the EPA-ORD Resilient Coastal Wetland and Community Multi-Jurisdictional workshop that was held on May 24th and 25th.

The CRWG will be holding their [June Meeting](#) on the 29th from 1:30 - 3:30 PM.

Data Integrity Workgroup

The Data Integrity Workgroup has no updates since the last month. The next quarterly meeting is scheduled for June 17th at 10:00 AM.

Bay Oxygen Research Group (BORG) - 4-D Water Quality Interpolator

The Leadership team met on April 29th to discuss progress on incorporating flow into the model. Classification and Regression Trees (CART) did not perform well in explaining the multiple effects of flow in the Estuary, so the team proceeded by trying to use variable selection. The team will continue with this approach and next steps include data screening and considering other variables such as wind. The full BORG meeting on the case study showcase and 4D developments was held at the [3rd event in the STAC Advanced Monitoring Workshop](#) on May 11th.

Nontidal Network (NTN) Workgroup

The [May 2022 NTN Workgroup](#) meeting began with an update on the PSC Monitoring Review. The meeting also featured a presentation from Qian Zhang and Matt Cashman on the identification of Monitoring Gaps in the Chesapeake Bay Nontidal Monitoring Network. The next NTN Workgroup meeting is scheduled for June 15th, 2022.

Criteria Assessment Protocol (CAP) Workgroup

The CAP WG participated in three sessions of a STAC workshop on Advanced Monitoring. The [third and final session](#) occurred on May 11th and focused on gaps and cost challenges limiting habitat assessments as outlined by the water quality standards under the TMDL for water clarity/dissolved oxygen.

Status and Trends Workgroup (STWG)

The STWG met on [May 9th](#) to discuss indicator development and to have a selection of outcomes provide updates on their indicator development work. Additionally, the Tree Canopy Outcome presented their proposed indicator and STWG members provided input on the visualization, communication, and data in the indicator. The STWG will next meet on June 13th with the Local Leadership Outcome to narrow down options for metricizing key aspects of the outcome using the acquired Local Leadership Survey data into an indicator.

June 2022 Management Board Indicators Update

June MB Indicators Update

Since the May MB meeting, we have not updated any indicators to ChesapeakeProgress.

We anticipate finalizing the following additional indicator updates in advance of the July MB meeting:

- RPI (2021 data)
- Toxic Contaminants Policy and Prevention (2018 data)
- Submerged Aquatic Vegetation (2021 prelim data and 2020 final data)
- Blue Crab Abundance (2020 harvest data and 2021 adult female abundance data)
- Sustainable Schools (2021 data)

Contact: Katheryn Barnhart, barnhart.katheryn@epa.gov

Communications Workgroup

The Communications Workgroup provides strategic planning and expert advice to support the communication needs of the Chesapeake Bay Program partners, and spur public action through consistent messaging, expanded media coverage, use of multimedia and online tools, comprehensive

branding and promotion, outreach to stakeholders, and coordinated internal and external communications.

Communications Workgroup

The Communications Workgroup will start working as the Strategic Engagement Team in August.

Communications Office

On May 17, the Communications Office published a press release announcing the launch of the Chesapeake Behavior Change website.

- Read the press release: https://www.chesapeakebay.net/news/pressrelease/chesapeake_behavior_change_focuses_on_increasing_environmental_stewardship

On May 17, the Communications Office published a press release announcing the new Very High-Resolution Land Use/Land Cover and Change Data.

- Read the press release: https://www.chesapeakebay.net/news/pressrelease/innovative_technology_continues_to_advance_chesapeake_bay_restoration
- Read the blog: https://www.chesapeakebay.net/news/blog/a_powerful_data_set_blazes_an_even_more_groundbreaking_new_trail

The Communications Office will publish the RPI indicator next week. The press releases for the protected lands indicator, hypoxia forecast, submerged aquatic vegetation indicator and blue crabs indicator will be published in the next month.

Chesapeake Bay Awareness Week is taking place from June 4-12, 2022.

- Read the press release: https://www.chesapeakebay.net/news/pressrelease/chesapeake_bay_awareness_week_celebrates_restoration_projects_across_the_wa
- Read the blog: https://www.chesapeakebay.net/news/blog/recognizing_bay_awareness_week_by_celebrating_a_brighter_future_for_the_che
- Read the U.S. Forest Service joint press release: <https://www.fs.usda.gov/detail/r9/news-events/?cid=FSEPRD1031264>
- Learn more about Bay Awareness Week: https://www.chesapeakebay.net/action/chesapeake_bay_awareness_week

The Chesapeake Bay Program will participate in the Smithsonian Folklife Festival from June 23-27 and June 30-July 4. The Chesapeake Bay Program has asked each jurisdiction to lead an activity on one of the festival days. The jurisdictions will be participating on the following days:

- June 23 - Virginia
- June 23 - Washington, D.C.
- June 26 - Delaware
- July 1 - West Virginia
- July 2 - Maryland

The Chesapeake Bay Program will be in the Coastal Connections tent near the Natural History Museum.

- Learn more: <https://festival.si.edu/2022/earth-optimism/coastal-connections>

The following blogs were published in May:

- Native to the Chesapeake, common milkweed is a food source for over 450 insects
https://www.chesapeakebay.net/news/blog/native_to_the_chesapeake_common_milkweed_is_a_food_source_for_over_450_inse
- How does rain help and hurt the Chesapeake Bay?
https://www.chesapeakebay.net/news/blog/how_does_rain_help_and_hurt_the_chesapeake_bay
- A powerful data set blazes an even more groundbreaking, new trail
https://www.chesapeakebay.net/news/blog/a_powerful_data_set_blazes_an_even_more_grou
[ndbreaking_new_trail](https://www.chesapeakebay.net/news/blog/a_powerful_data_set_blazes_an_even_more_grou)
- Harnessing people power to restore Lafayette River wetlands
https://www.chesapeakebay.net/news/blog/harnessing_people_power_to_restore_lafayette_river_wetlands
- Chemical contaminant “PCBs” persist in Chesapeake schools
https://www.chesapeakebay.net/news/blog/chemical_contaminant_pcb_persist_in_chesapeake_schools