Chesapeake Bay Program's (CBP)
Scientific and Technical Advisory Committee (STAC)

Using Ecosystem Services to Increase Progress Toward, and Quantify the Benefits of Multiple CBP Outcomes

Day 1: March 16, 2023

Chesapeake Bay Beach Club | Kent Island, MD
Workshop Webpage
****Exact Times Are Subject to Change****

For purposes of our workshop, "ecosystem services," "multiple benefits," or other similar terms, are mostly interchangeable for discussion. That said, "ecosystem services" is a more common and encompassing term that we apply throughout the agenda and our materials for convenience and consistency. For Day 1, we are applying this general definition to the term "ecosystem services:"

Benefits from nature, restoration or conservation activities that yield explicit or intrinsic value to a community or an ecosystem, with an emphasis on benefits accrued to communities from anything beyond the narrowest water quality lens of nutrient or sediment reductions.

Workshop Purpose (Days 1 and 2): To convene practitioners and decision makers to create an action plan that can empower partners to accrue multiple, broader community benefits – beyond a focus on reducing excess nitrogen, phosphorus or sediment – through ecosystem services or similar information that can inform holistic implementation decisions in the Chesapeake Bay watershed.

- **Day 1 purpose**: To interface with a blend of stakeholders to gather their relevant experiences and needs with respect to the kind of ecosystem service information that has served them well to champion projects for broader, multiple benefits, or that would be helpful to strengthen efforts in the future.
- **Day 2 purpose [tentative]**: To synthesize input gathered through Day 1 into recommendations that can address key barriers and information gaps, with an emphasis in articulating a value-added role that the Bay Program partnership can play in relation to other actors.

9:00 am	**Coffee & Light Breakfast (Provided)**
9:15 am	**Welcome & Introductions**, *Sherry Witt (GDIT) and Meg Cole (CRC)*
9:30 am	**Opening Plenary**, *Anna Killius (Chesapeake Bay Commission)*
10:00 am	**Setting the Stage and Facilitated Discussion: "How can ecosystem services information serve you?"**, *Jeremy Hanson (CRC), Kristin Saunders (UMCES)*
10:30 am	**15-minute Break**
10:45 am	**Quantifying Ecosystem Services Benefits of Restoration & Conservation Best Management Practices in the Chesapeake Bay Watershed**, *Ryann Rossi (FSU), Susan Yee (EPA)*
11:15 am	**Mapping Ecosystem Services**, *John Wolf (USGS), Anne Neale (EPA)* **Visualizing Ecosystem Benefits & Quantifying Carbon Sequestration for Environmental Plans**, *Olivia Devereux (Devereux Consulting, Inc.)*

11:45 am	**Lunch Break (Provided)**
1:00 pm	**Examples of Feasible Approaches: Highlighting Case Studies** • **Accounting for Maryland's Ecosystem Services Initiative & the Parcel Evaluation Tool**, *Elliot Campbell (MD DNR)* • **Mattawoman Watershed: Accounting for Ecosystem Services in Charles County, MD**, *Charles Rice (Charles County Government)* • **Marsh Equilibrium Theory & Poplar Island: Implications for Carbon Sequestration**, *James Morris (University of South Carolina)*
1:50 pm	**10-minute Break**
2:00 pm	**Stakeholder Panel Discussion** • **Incentives for ecosystem services in stormwater projects using Capacity, Opportunity, Payoff & Equity (COPE) Criteria**, *Lisa Wainger (UMCES)* • **Wetland Ecosystem Services: Stacking & Tracking**, *Pam Mason (VIMS)* • **Supply-Chain Partnership for Climate-Smart Dairy BMPs**, *Mauricio Rosales (The Alliance for the Chesapeake Bay)* • **Advancing Agriculture Conservation Outcomes**, *Alex Echols (Campbell Foundation)*
2:55 pm	**Breakout Group Instruction**
3:05 pm	**Breakout Group Session**
3:50 pm	**Report Outs**, *breakout facilitators/steering committee members*
4:30 pm	**Summarize Day 1 & Next Steps for Day 2**, *Jeremy Hanson (CRC)*
4:45 pm	**Adjourn**
4:45 pm	**Steering Committee Meets**

Note: Day 2 of the workshop is scheduled for April 18 at the Frederick Douglass-Isaac Myers Maritime Park in Baltimore, MD.