



## Maintain Healthy Watersheds GIT Meeting

May 27, 10:00am-1:30pm

Conference Line: 1-929-205-6099, Meeting ID: 876 865 931

Zoom: <https://zoom.us/j/876865931>

One tap mobile: +19292056099,,876865931# US (New York)

**Password: Watersheds**

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### 10:00 am Welcome, Introductions and Updates

Renee Thompson, USGS Chesapeake Bay Program.

- [January Meeting Minutes](#)
- Review of progress toward “action plan”, highlighting completed, in progress and coordination tasks.
- June 8-10<sup>th</sup>, 2020 The Chesapeake Community Research Symposium  
<https://ccmp2020.chesapeake.org/>
  - June 10<sup>th</sup> @ [10:00am](#): Approaches for Maintaining and Improving Chesapeake Bay Stream and Watershed Health. Register FREE [here](#).
- Open floor for partner announcements

### 10:15 am EPA’s Watershed Index Online V. 2.1 and Recovery Potential Screening Tool

Steve Epting, EPA Healthy Watersheds Program, Andy Somor Cadmus Group, Inc.

Steve will provide an update of EPA Healthy Watersheds work and provide context for the watershed data, tools etc. Andy will present EPA’s Watershed Index Online (WSIO) and Recovery Potential Screening (RPS): Comparing Watershed Condition and Restorability. The WSIO is a national library of watershed attributes used for comparing watershed characteristics anywhere in the conterminous United States. <https://www.epa.gov/healthywatersheds>

### 10:45 am Stream Health Metric development

Juliana Greenberg, CRC, Habitat GIT Staffer

The Stream Health Workgroup has been working to identify metrics to measure the multiple facets of stream health to complement the Baywide Chessie BIBI. Juliana will discuss a multi-metric approach for tracking and assessing stream health and other current efforts from the Stream Health Workgroup to better understand direct measures of stream health and how the Chesapeake Watershed Assessment can help inform stream function, health, stressors, and vulnerability.

### 11:15 am Healthy Watersheds Literature Review: Landscape Characteristics Affecting Watershed Health

Peter Claggett, USGS Chesapeake Bay Program

Understanding how past, present, and future landscape characteristics affect watershed health is a goal shared among the Chesapeake Bay Program's (CBP) Healthy Watersheds Goal Implementation Team, CBP Stream Health Workgroup, and USGS scientists who are developing and collating direct measures of in-stream stressors (e.g., water temperature, flow patterns, toxic containments, etc.), as well as measures of stream health (e.g., benthic macroinvertebrate and fish community metrics). Peter will share the current status of this project and solicit input and feedback on the direction of this project

***Actions: Provide input and feedback on the direction of this project***

**12:00 Lunch/Break (reconvene at 12:30)**

**12:30pm          Chesapeake Healthy Watersheds Assessment – Project(s) overview/Status**

Renee Thompson, USGS CBP Healthy Watersheds Coordinator

- Current Status of Healthy Watersheds Assessment, Tetra Tech
- Chesapeake Community Research Symposium 2020
- Healthy Watersheds Literature Review
- Chesapeake Healthy Watersheds Visualization
- Communicating Healthy Watersheds Assessment (Storymap)
- SESNYC – Code development and updating the CHWA updates and expansion with new data.

**1:00      GIT Funding**

Nora Jackson, CRC, Healthy Watersheds GIT Staffer

Nora will provide an overview of this year's GIT funding timeline. Although the HWGIT does not have any specific project requests through this pot of resources there are several GIT funding ideas from "Sibling" CBP Teams that the HWGIT may want to support, assist or inform with.

- Stream Health - *Factors affecting stream health and implications for management decisions*
- Protected Lands – *Chesapeake Watershed GIS summit, Eased Lands Stewardship Challenges Report, Update Important Habitat Dataset, Precision Conservation Technical Assistance for Land Trusts, Protected Lands Conservation Status Assessment*
- Wetlands - *Marsh migration and shoreline condition study*
- Forestry Workgroup, Katie Brownson, US Forest Service CBP: *Improving synergies between riparian forests and stream corridor restoration*
- Climate Resilience Workgroup - *Development of a climate resilience indicator related to healthy watersheds and temperature and precipitation changes, Develop a citizen science monitoring plan for stream temperatures*
- Diversity - *Benefits of DEIJ in Restoration and Conservation*
- ***Actions: Do we support? Are there other ideas?***

**1:30 pm Wrap up and adjourn**