



Scientific, Technical Assessment & Reporting Team Meeting

TOPIC: Land-use Data, Forecasting, and LiDAR

September 28, 2017

10:00AM – 12:30PM

Chesapeake Bay Program Office: Fishshack

Conference Line: 866-299-3188 code: 410-267-5731

Adobe Connect: <https://epawebconferencing.acms.com/starmeeeting/>

Event webpage: <http://www.chesapeakebay.net/calendar/event/24714/>

AGENDA

10:00 AM **Welcome and Introductions-** *Bill Dennison, Scott Phillips and Mark Bennett – STAR Co-Chairs, Peter Tango, STAR Coordinator*

Upcoming Conferences, Meetings, Workshops, & Webinars-

- [Mid-Atlantic Stream Restoration Conference](#)- Sept. 20-22, 2017, Baltimore, MD.
- [Coastal and Estuarine Research Federation](#) – November 5-9, 2017. Providence, RI.
- [Chesapeake Bay Forum](#)- Nov. 3-5, 2017. NCTC Shepherdstown, WV
- [Ninth Symposium on Harmful Algae in the U.S.- Training the Next Generation](#)– Nov. 11-18, 2017, Baltimore, MD.
- [National Conference on Ecosystem Restoration](#). August 26-30, 2018, New Orleans, LA
Session proposals due Oct 1, 2017.

10:05 **Announcements and Updates**

10:10 **Update on the Chesapeake Bay Barometer Publication-** *Rachel Felver, Alliance for the Chesapeake Bay CBPO*

*Rachel Felver will review the Communications Team schedule for publication of the upcoming edition of the Bay Barometer. **ACTION:** "STAR – All" discussion of "in the news" type highlights that should be considered for the upcoming Bay Barometer publication.*

10:30 **Overview of LIDAR Collection in the Watershed-** *Roger Barlow, USGS*

Roger Barlow is the National Map Liaison for the National Geospatial Program currently serving Delaware, District of Columbia, Maryland, New Jersey and the Chesapeake Bay Primary Ecosystem Study. Roger will review the status of USGS LiDAR collections for the Chesapeake Bay watershed.

10:50 **LiDAR data in Support of Chesapeake Bay Needs-** *Galen Scott NOAA's National Geodetic Survey Geosciences Research Division, Gretchen Imahori Remote Sensing Division*

NOAA's National Geodetic Survey Remote Sensing Division (RSD) and a contractor will both be flying topo-bathy lidar in the Chesapeake Bay region this winter season when the water is clear. As part of

Next Star Meeting: October 26, 2017

our efforts to Map Once, Use Many Times, RSD is working to pull together stakeholders in the region to: gather requirements for the missions (ie. Where do people want the data collected? What would they do with it if collected?), and to identify potential partners to buy-in to the data collection and take advantage of NOAA's data collection, processing, QA/QC, archiving, and access pipeline.

11:10 Discussion of LiDAR Information for Upcoming Needs- GIT Coordinators and Staffers

Follow-up discussion period regarding LiDAR resources. **ACTION:** GITS will discuss the potential applications of LiDAR resources to address gaps in information needs for supporting work toward meeting their Bay Agreement goals and respective outcomes.

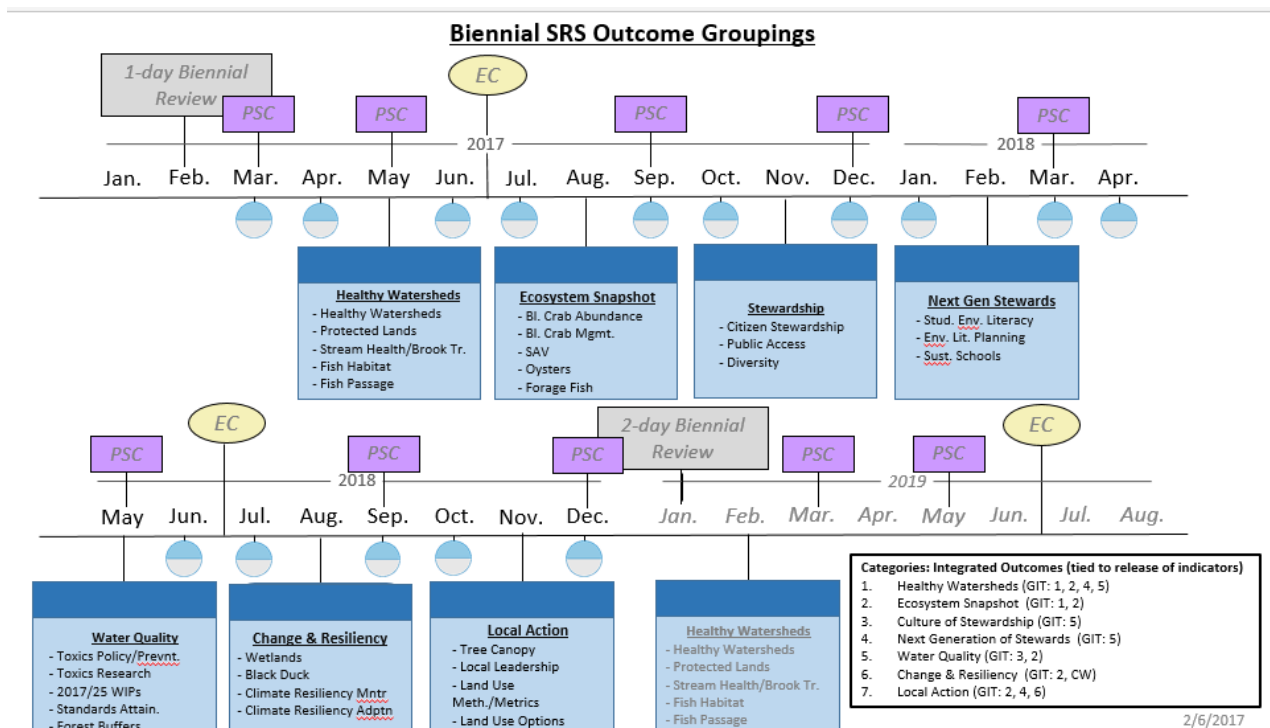
11:30 Land Classification and Modeling Efforts at CBP: Land Forecasting Capabilities- Peter Claggett, Research Geographer Eastern Geographic Science Center, USGS CBPO

Peter Claggett will highlight the latest developments in the resources used to support land classification and forecasting land class change. **ACTION:** GITS will discuss the potential applications of the tools and forecasting results to address gaps in information needs for their respective outcomes.

12:00 Seminar: High Resolution Land Cover Data and Applications- Jeffrey Allenby, Chesapeake Conservancy

Jeffrey Allenby will provide an update on the high-resolution land cover data developed by the Chesapeake Conservancy and some applications that are being developed.

12:30 Adjourn



Next Star Meeting: October 26, 2017

