



## Scientific, Technical Assessment and Reporting (STAR) Team Meeting

April 30, 2015

10:00AM – 1:00PM

Joe Macknis Memorial Conference Room (Fish Shack)

Conference Line: 1-866-299-3188 Access Code: 4102675731

Adobe Connect: <https://epa.connectsolutions.com/star/>

Event webpage: <http://www.chesapeakebay.net/S=0/calendar/event/21558/>

### AGENDA

- 9:00 AM**      **Pre-STAR Meeting: Indicator Framework Meeting**
- 10:00 AM**      **Welcome, Introduction, and Announcements** (*Bill Dennison – UMCES, STAR Co-Chair*)
- STAR members interested in joining “ad-hoc” tracking workgroup in coordination with Habitat, Fisheries, and Healthy Watersheds Goal Teams contact Renee Thompson ([rthomps@chesapeakebay.net](mailto:rthomps@chesapeakebay.net))
- 10:15 AM**      **Communications** (*All*)
- ACTION:** STAR will notify the communications team of upcoming publications and projects.
- 10:30 AM**      **Land cover change in the Chesapeake Bay watershed 1984 – 2011** (*Fred Irani – USGS*)
- 10:50 AM**      **High-res land cover data, 2013/14** (*Jeff Allenby – Chesapeake Conservancy*)
- 11:10 AM**      **The Phase 6 Land Use dataset** (*Quentin Stubbs – USGS*)
- 11:30 AM**      **Discussion: Opportunities and limitations of applying land cover data, change analysis, and forecasts to address Goal Team Outcomes** (*All*)
- ACTION:** Goal Team Members will discuss opportunities, needs, and limitations of using land cover data with presenters.

*Supplementary Material:*

[Issues Concerning Partnership Acquisition of High-Resolution Land Cover and LiDAR Data Raised by the CBP Principals’ Staff Committee at their December 11th, 2014 Meeting](#)

**12:00PM**            **Brown Bag Seminar followed by Q&A** (bring your own lunch and join us!)

**Seminar:**

**Land Change Forecasts and Vulnerability Assessments**

*By Peter Claggett, Research Geographer, U.S. Geological Survey*

**Biography:**

Peter is a Research Geographer with the U.S. Geological Survey's Eastern Geographic Science Center and has worked at the Chesapeake Bay Program Office since 2002. Peter leads the Land Data Team at the CBPO which conducts research on land change characterization, analysis, and modeling in the Chesapeake Bay Watershed. Peter led the development of the Chesapeake Bay Land Change Model and urban land use data for use in the Phase 5.x watershed models. Currently, Peter is exploring alternative methods for simulating urban growth, initiating a study on the impact of impervious surface patterns on water quality, and pursuing the concept of crediting land-use planning as a "Best Management Practice" in the context of the Bay TMDL from both modeling and policy perspectives.

**1:00PM Adjourn General Meeting and Seminar**

**1:00 PM**            **STAR Amigos Planning Meeting**

- BASIN Report Update & May MB Meeting
- Addressing GIT needs from STAR as indicated by IA Team Meetings
- May STAR Agenda