

PLankton And Nutrient Studies for the Chesapeake Bay

PLANS Workshop Agenda

Morgan State University Estuarine Research Center

July 19 – 21, 2011

Tuesday, July 19, 2011

8:00 am – Registration and Morning Refreshments

8:30 am – Welcome to **PLANS** and the ERC; Pre-Workshop Survey

9:15 am - Looking Back at Year One of PLANS: How did we do? How do we do better?

10:45 am – Morning Break

11:00 am – A Closer Look at Nutrients: Cycling, Sources and Remediation

12:00 noon – Lunch – Buffet-style, served in the ERC Solarium

1:00 pm – The Seasonal Cycle of Nutrient Limitation in the Patuxent River

1:30 pm- Interpreting Data from **PLANS** Experiments, Uploading Data to the **PLANS** Website for
All classes to Share and Compare

3:45 pm – Wrap-up Discussion of the Day's Activities

4:00 pm – Adjourn for the Day

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Wednesday, July 20, 2011

8:30 am - Morning Refreshments

9:00 am – Integrating FieldScope into **PLANS** and Your Classroom

11:30 am – **Watershed Implementation Plan in Calvert County-** Seminar by Dr. David Brownlee, Principal Environmental Planner for Calvert County

12:00 noon – Lunch – Buffet-style, served in the ERC Solarium

1:00 pm – The Bay's Filtration System: Experimental Procedures for a New Oyster Filtering Lab

3:45 pm – Wrap-up Discussion of the Day's Activities

4:00 pm – Adjourn for the Day

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8:30 am - Morning Refreshments

9:00 am – Field Data Collection: It's Not Just Another Boat Trip!

- Water Quality Parameters (using YSI and secchi, Licor light sensor, and flow-through fluorometer)
 - Putting together the story they tell
 - How to use these data in the classroom
- River transect to determine patchiness of phytoplankton
- Oyster Dredging- transects across a bar
- Using the Otter Trawl - how many different types of fish can we catch?
- The CBOS buoy in the Patuxent River

12:00 noon – Lunch – Buffet-style, served in the ERC Solarium

1:00 pm – Integrating CBOS, CBIBS, the ERC YSI Sensor, and 25 Years of Water Quality Monitoring Data into PLANS and Your Classroom

2:30 pm - Workshop Wrap-up

- Scheduling of Classroom/Field Visits
- The Summit: What's the Best Way to Disseminate PLANS?
- Post-workshop Assessment

4:00 pm – Adjourn for the Day