CHESAPEAKE WATERSHED INITIATIVE (CWI) WORKSHOP

AGENDA

Saturday, February 9, 2013 at U.M.B.C.

**Essential Question**: What is the current health of the Chesapeake Bay?

9:00 - 9:30 Welcome & Introductions

9:30 - 10:30 Chesapeake Bay Overview (Chris Cerino, Sultana Projects, Inc.)

Analysis of maps in small groups

10:30 - 11:00 Chesapeake Bay over time – John Smith’s 1608 voyages

Ecological changes in the last four centuries

11:00 – 12:00 Human impacts on the Chesapeake Bay

(Pat Robeson/Sari Bennett, MD Geographic Alliance)

Model three activities that address human impact:

* Who Polluted?
* River puzzle
* Sea Level Rise – NGS Map

12:00 – 12:30 Catered Lunch

12:30 – 1:30 Chesapeake Bay data analysis (small groups)

Using commercial fisheries data to create graphs

* Analyze fisheries data to detect recent trends in the ecosystem

1:30 - 2:30 Collect real-time water quality data (in partner pairs)

Water chemistry & test kits - free stuff!!!

* Nitrates
* Dissolved oxygen
* pH
* Secchi disc

2:30 - 3:45 Field Scope tutorial & data entry (Pam Deringer, Kent School)

3:45 - 4:00 Wrap-up and distribution of curriculum aids

Evaluations

What’s Next?