



Tidal Monitoring and Analysis Workgroup
Friday, December 7, 2012

<http://www.chesapeakebay.net/calendar/event/18375/>

MINUTES

Participants

Walt Boynton – UMCES/TMAW Chair	Amanda Pruzinsky – CRC/STAR Staffer	Peter Tango – USGS/CBPO	Sean Corson – NOAA Chesapeake Bay Office
Cindy Johnson – VA DEQ	Jackie Johnson – ICPRB	Tish Robertson – VA DEQ	Ben Cole – MD DNR
Dave Parrish – VIMS	Bill Romano – MD DNR	Mark Trice – MD DNR	Donald Smith – VA DEQ
Elgin Perry – Independent Consultant	Jonathan Kellogg – UMCES		

Welcome, introductions, announcements (W. Boynton)

- Next Meeting: January 3rd, 2013
<http://www.chesapeakebay.net/calendar/event/18985/>
- New staffer, Lea Rubin, will begin next week!
lrubin@chesapeakebay.net
- December 6th, 2012 Maryland Water Monitoring Council Meeting
<http://mddnr.chesapeakebay.net/MWMC/MWMC2010/annualConference.asp>

Chesapeake Bay Sentinel Site Cooperative Presentation (S. Corson)

To view this presentation:

http://www.chesapeakebay.net/channel_files/18375/cbssc_briefing_presentation_nov2012.pdf

Discussion and Questions

- **ACTION:** Sean Corson (sean.corson@noaa.gov) will distribute the draft implementation plan. TMAW members are to review and send comments.
- **ACTION:** CBSSC Steering Committee – Meeting to finalize the implementation plan. Please contact Sean Corson if you are interested in attending.
Date: December 19th, 2012
Location: Virginia Commonwealth University Rice Center

- **SUGGESTIONS:**

- National Science Foundation (NSF) – Funded a group at Johns Hopkins University (Lead – William Ball) to put together an advanced data base system that was highly accessible for people working on synthetic analysis.
 - Contact for information, interest, and help.
- Contact Margaret Palmer – UMCES
- Add USFWS and users to the CBSSC Steering Committee.
 - **ACTION:** Peter will send Sean a contact at USFWS.
- In response to the 2012 Integrated Report, VA DEQ received comments from the Center for Biology Diversity to have all of the coastal states list their coastal waters for ocean acidification. EPA has advised the coastal states to analyze all available datasets (including NOAA data) when responding to their request.
 - **ACTION:** Sean Corson will provide Tish Robertson with contacts.
 - Assateague Island
 - Mid-Atlantic Regional Coastal Ocean Observing System (MARCOOS)
 - PCO₂ is an issue that is on the radar, but this CBSSC is trying concentrate on sea level change in order to focus the effort, but simple parameters should be taken into account and it would be beneficial for interested parties to work with the steering committee on incorporating different datasets.

Additional Hurricane Sandy Updates (All)

- “Responding to Major Storm Impacts: Hurricane Sandy Impacts on Chesapeake & Delmarva Coastal Bays”
 - Draft report is to be released in the near future.
 - Outline
 - Position relative to storm track affects impacts: comparing Tropical Storm Lee vs. Hurricane Sandy
 - Storm track
 - Sediment plumes into Chesapeake Bay
 - Precipitation patterns
 - Salinity and temperature
 - Timing of storm events affects impacts: comparing Hurricane Agnes, Tropical Storm Lee, and Hurricane Sandy
 - Positive and negative impacts
 - Conowingo Dam infilling and scouring
 - History of Conowingo Dam
 - Sediment deposition
 - Key processes
 - Susquehanna flats aquatic grasses
 - Impacts, Conclusions, & Recommendations: Chesapeake Bay & Delmarva Coastal Bays

- Cindy Johnson – VA DEQ
 - A short blurb was sent out summarizing the data collected from continuous monitoring equipment during Hurricane Sandy
 - High conductivity pulse (75 miles inland from the Bay in the James River) resulted in high tide

Establish further coordination and resolving recommendations for a selection of the CAP WG issues (P. Tango)

- CAP WG and TMAW Analysts Ad-hoc Group are meeting January 7th, 2012.
<http://www.chesapeakebay.net/calendar/event/19060/>