

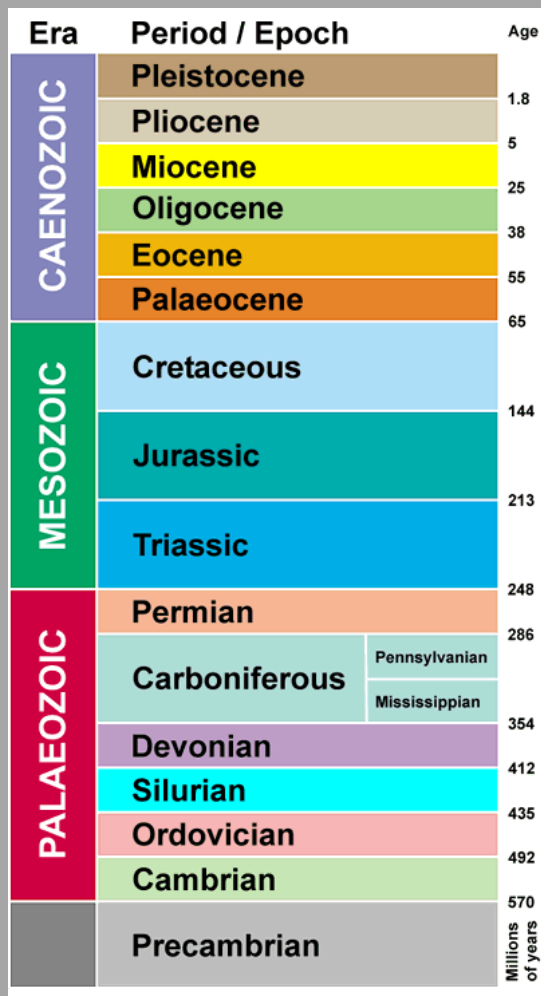
Criteria Assessment Protocol
Workgroup:
Issues and Activities
supporting the mid-point 2017
TMDL evaluation

Peter Tango

Water Quality Goal Implementation
Team Meeting

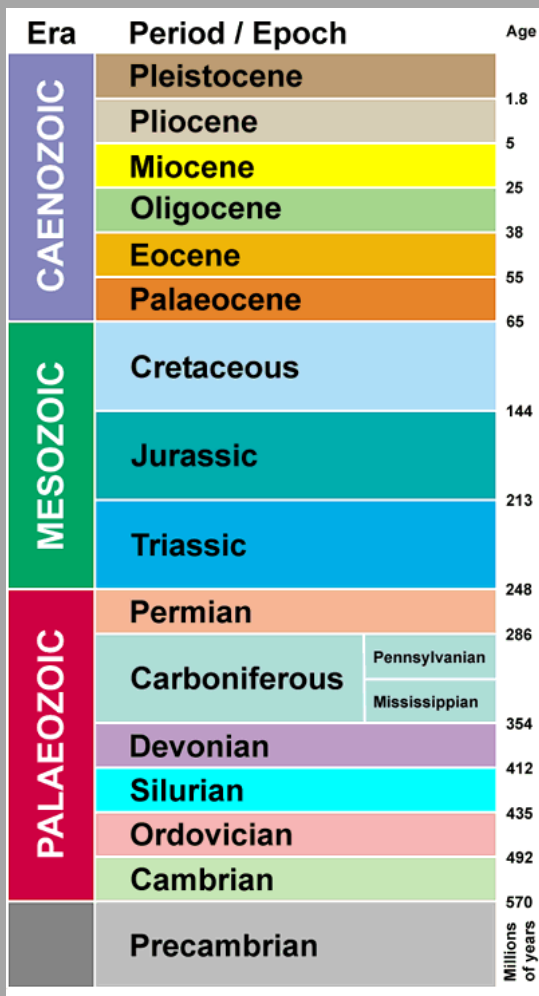
August 13, 2012

Timeline



- June 2012 Planning for the CAP WG mtg
- July 2012 CAP WG mtg kickoff
- August 2012 WQ GIT - Seek agreement on:
 - CAP issues
 - Work plan schedule
 - Product development
- 2012-2014 (18 months)
 - Periodic updates to Bay managers for issue reviews and decisions.
 - Incorporate the rollout of decisions into a draft addendum
- 2014 WQ Criteria Technical Addendum published to support 2016 303d listing needs and 2017 mid-point TMDL evaluation

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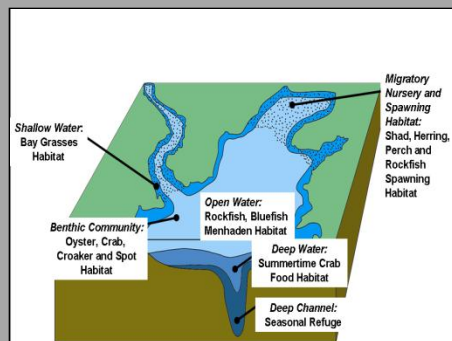
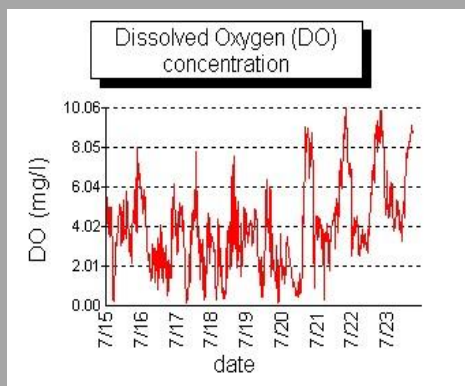


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Objectives

- Partnership agreement on and MD, VA, DE and DC adoption of criteria assessment protocols for the remaining DO criteria in time for the April 2016 303(d) listing cycle to inform the 2017 mid-point assessment.
- Prioritize and resolve additional water quality criteria assessment protocol questions from the partnership.

Three issue areas reviewed by the CAP WG on 8/1/2012



- Umbrella Criteria Assessment-related questions
- Chesapeake Bay Water Quality Indicator for Tracking Progress toward the E.O.'s Water Quality Outcome.
- Other Partner issue requests

I. CAP WG follow-up from the Umbrella Criteria Assessment:

Criteria-specific elements

- Provide a recommendation on assessing the 7-day mean Open Water Summer season DO criterion.
- Assess alternative definitions of 'instantaneous minimum' and present options for a new definition in the context of our criteria assessments.
- Provide recommendations for incorporating high frequency dissolved oxygen measurement results into the 30-day mean assessments.
 - Need to consider all assessments (instantaneous, 1-day mean, 7 day mean and 30 day mean)

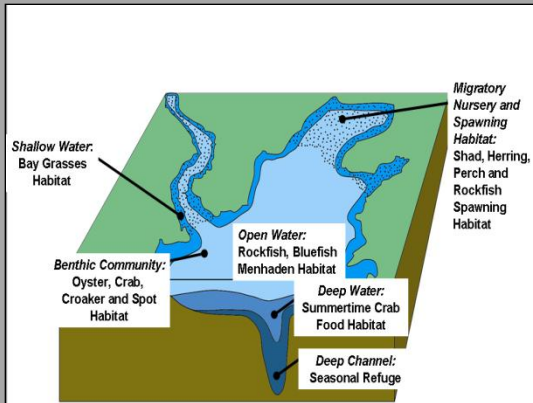
I. CAP WG follow-up from the Umbrella Criteria Assessment: Conceptual elements

- Present options for illustrating attainment uncertainty beyond our CFD methodology?
- Develop and present the implications of separating shallow water from offshore water in a dissolved oxygen assessment.
- Assess whether dissolved oxygen event duration is inherently captured by the CFD assessment; suggest an alternative to update the assessment if not.

II. CAP WG follow-up:

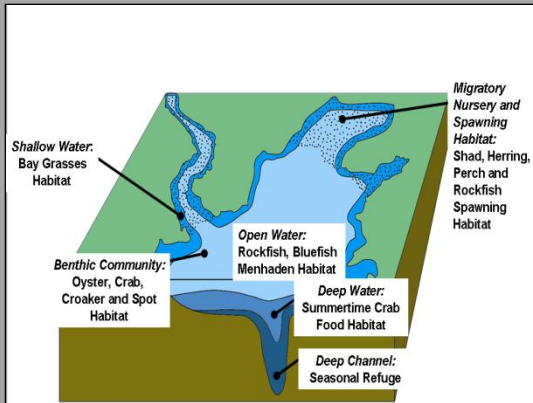
Develop new water quality indicator for tracking progress toward the E.O. Water Quality Outcome

- EPA needs to develop a combined water quality indicator.
- Track progress toward the goal of 60% of segments attaining water quality standards by 2025
- *Action: CAP WG was asked to review and comment on select options.*



III. CAP WG follow-up: Other Partner issues

- Benthic Assessment Protocols questions
- D.O. Assessment Protocols – segment classification and monitoring questions
- Protocols for incorporating nontraditional partner data



CAP WG next steps

- August 2012 WQ GIT - Seek agreement on:
 - CAP issues
 - Work plan schedule
 - Product development

CAP WG next steps

- August 2012 WQ GIT - Seek agreement on:
 - CAP issues as presented
 - Work plan schedule
 - 18 months to address the issues
 - Present issue recommendations to the WQGIT for review, discussion on a rolling schedule from 2012 into 2014.
 - Product development
 - Produce and publish a Ambient Water Quality Criteria technical addendum for the partnership.
 - 2014 WQ Criteria Technical Addendum published to support 2016 303d listing needs and 2017 mid-point TMDL evaluation