

Multiple Models for Management in the Chesapeake Bay (M3)

A STAC Workshop
February 25-26, 2013
Sheraton Annapolis Hotel



*Scientific and Technical Advisory Committee
to the Chesapeake Bay Program*

The workshop is *not* a forum
to present the design and
analysis of specific models

Scientific advantages of MM

- compare different conceptual models
- contrast the skills of different models
- improve basic understanding of systems
- quantify the level of confidence in model predictions

Management concerns about MM

- costs more
- may confuse public and decision makers
- may provoke legal challenges
- may confound the regulatory process, especially TMDLs

Part 1

Introductions to:

- the scientific benefits of model comparison and multiple models
- the current role of modeling in the Chesapeake Bay TMDL

Part 2

Case studies

- how the use of a multiple models has helped or hindered the implementation of environmental regulations

Part 3

Insight from social science

- how might the use of multiple models affect the perception of models and their results by decision makers and the public

Part 4

Insight from legal experts

- Should multiple models be used to enhance the credibility and defensibility of regulatory decisions made to implement the TMDL program for the Chesapeake Bay?
- If so, how? If not, why not?

Part 5

Extensive discussion

- whole group discussion after each part
- final breakout groups to synthesize the sense of the assembled participants on if and how multiple model approaches should be used in the CBP

Products

- Lively exchange of information and opinion
- A summary report for the CBP and other interested parties (within 90 days)

Want to join?

- Contact Natalie Gardner @ STAC

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