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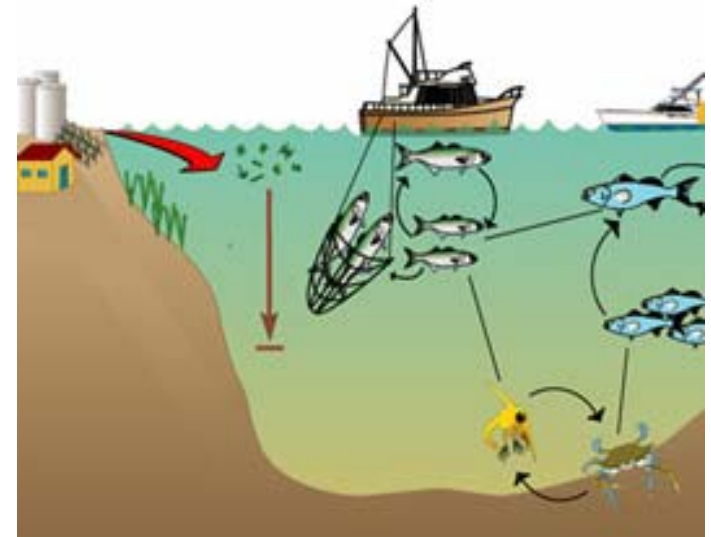
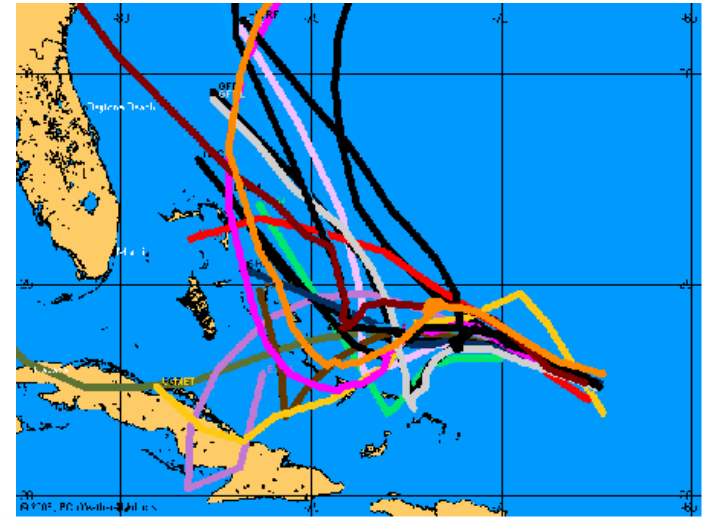
## FISHING FOR THE RIGHT MODEL

Bruce Vogt, NOAA Chesapeake Bay Office

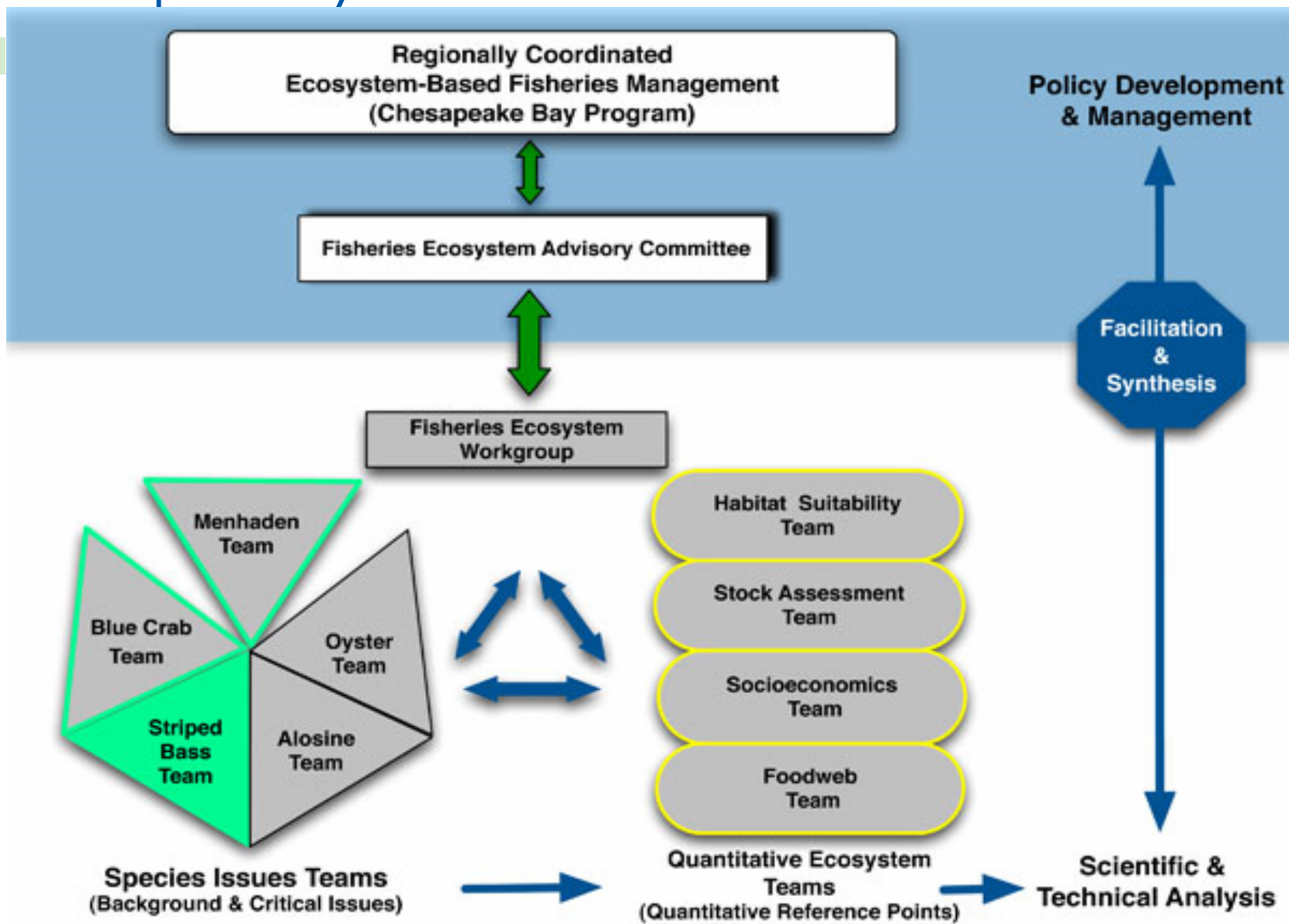
# Ecosystem Modeling

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- Increase understanding of interactions among the components of the Bay ecosystem
  - pollution, coastal development, harvest pressure, predator/prey interactions, and climate change
- Improve ability to evaluate and adapt ecological monitoring efforts
- Assess tradeoffs associated with management actions



# Ecosystem-based Fishery Management Structure for Chesapeake Bay



# Making Progress

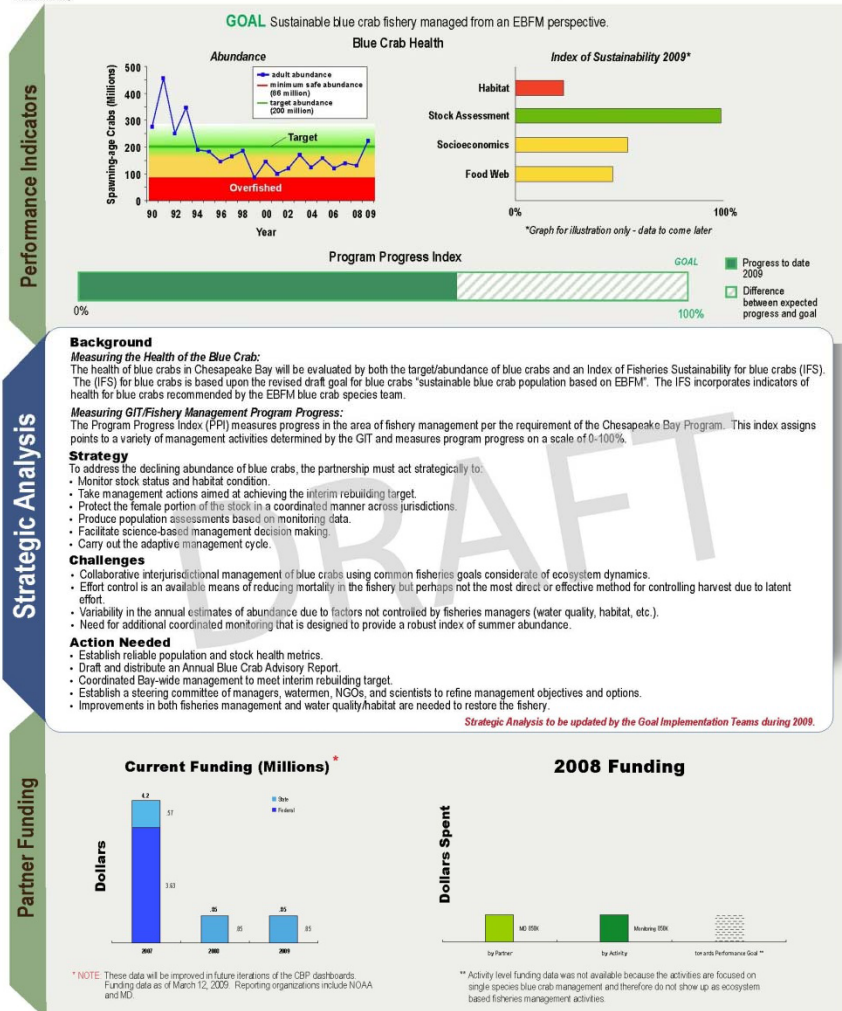
4

- Blue crab stock assessment modeling
- improved science based management decisions
- Developing Ecosystem-based reference points
- Applications include spatial planning (i.e. targeted restoration and protected areas) and catch shares



## Blue Crab Fishery Management

CAP version 2.0  
Produced on April 6, 2009

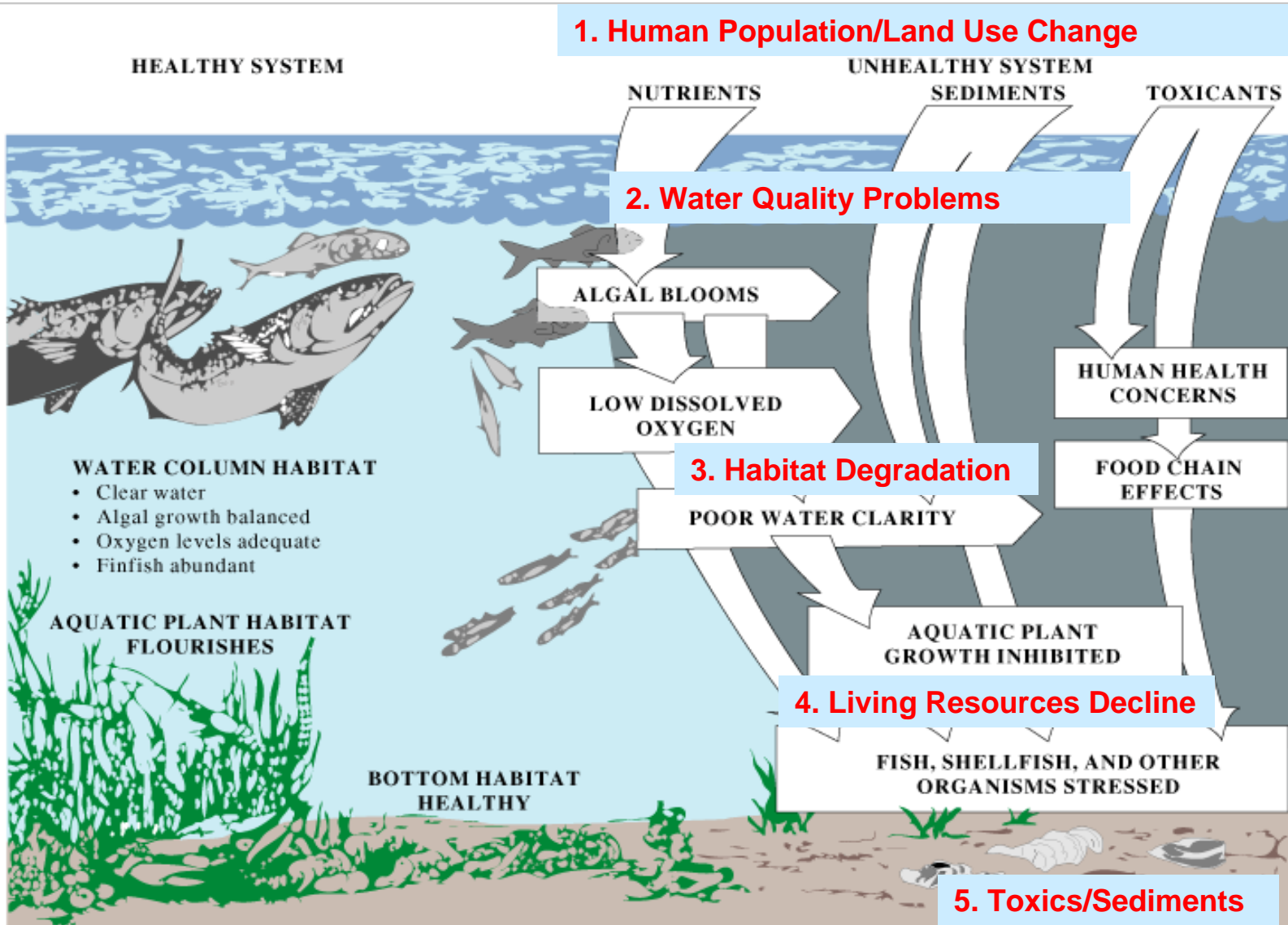


# Back up

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# Problems in the Chesapeake Bay



CSC.AM2A.9/92