NEW GENERATION FISHERIES SCIENCE COORDINATION IN THE BAY

Chesapeake Bay Program
A Watershed Partnership

ISSUE

- Improve coordination of fisheries science bay wide

- Improve communication of science to policy managers

Chesapeake Bay Program
A Watershed Partnership

RECOGNIZED NEED

- Ecosystem based approaches
  - "Make the protection and enhancement of sustainable fisheries of Chesapeake Bay estuarine species within an ecosystem management framework the primary focus…" (FEP, 99)
  - "The CBP has long held ecosystem-based management as its goal." (FEP, 318)

Fisheries Ecosystem Planning for Chesapeake Bay, 2004

Chesapeake Bay Program
A Watershed Partnership

RECOGNIZED NEED

- Better Science
  - "Use the best scientific information available…basing management actions on solid science remains important." (FEP, 318)

Fisheries Ecosystem Planning for Chesapeake Bay, 2004

Chesapeake Bay Program
A Watershed Partnership

RECOGNIZED NEED

- Better Coordination of Monitoring and Surveying
  - "Develop comprehensive monitoring programs to characterize the status of predator and prey species, evaluate habitat quality, and demonstrate the effect (or lack thereof) of instituted management actions." (FEP, 319)
  - "Incorporate survey data and analytical results from new multispecies monitoring…initiatives into stock assessments supporting Bay management decisions." (FEP, 319)

Fisheries Ecosystem Planning for Chesapeake Bay, 2004

Chesapeake Bay Program
A Watershed Partnership

RECOGNIZED NEED

- Better coordination of monitoring and surveying
  - "To date, however, little coordination of fish stock monitoring among the jurisdictions (or, at times, among various programs within a jurisdiction) has taken place. Data, as well as information delivered, remain heterogeneous across jurisdictions; routine, manager-identified data products are few and irregularly generated." (Fish Stock Workshop, 8)

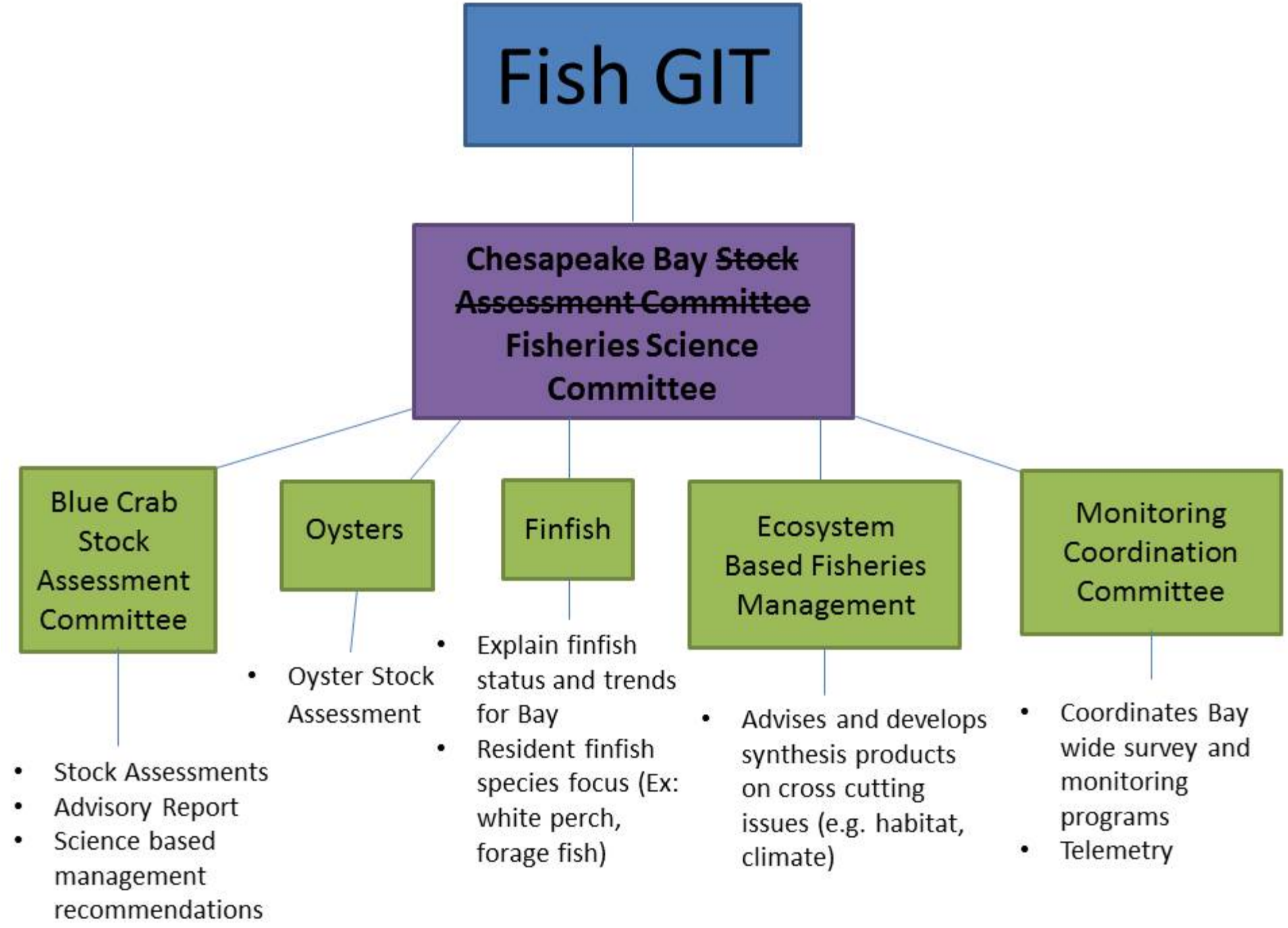
Baywide and Coordinated Fish Stock Monitoring Workshop, 2006

Chesapeake Bay Program
A Watershed Partnership

KEY IDEAS

- Create a science coordination framework
  - Improve coordination and synthesis of science bay wide
  - Provide science-based advice to GIT managers
  - Advance ecosystem tools and management approaches
- Framework includes groups as needed to address management priorities

Chesapeake Bay Program
A Watershed Partnership


Fish GIT
Chesapeake Bay ~~Stock Assessment Committee~~ Fisheries Science Committee
Blue Crab Stock Assessment Committee
Oysters
Finfish
Ecosystem Based Fisheries Management
Monitoring Coordination Committee
• Stock Assessments
• Advisory Report
• Science based management recommendations
• Oyster Stock Assessment
• Explain finfish status and trends for Bay
• Resident finfish species focus (Ex: white perch, forage fish)
• Advises and develops synthesis products on cross cutting issues (e.g. habitat, climate)
• Coordinates Bay wide survey and monitoring programs
• Telemetry

DISCUSSION

Chesapeake Bay Program
A Watershed Partnership