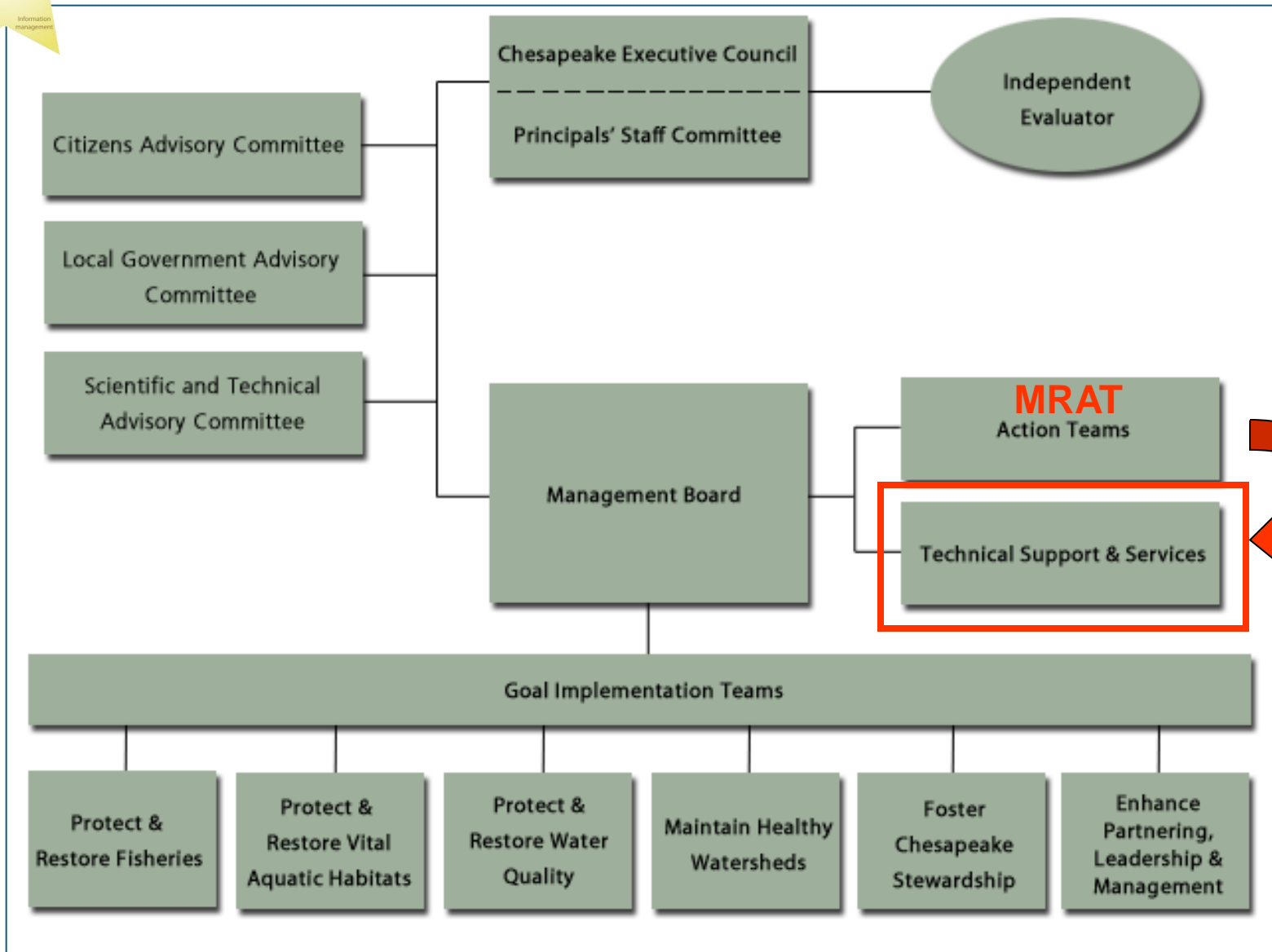


Scientific, Technical Analysis and Reporting (STAR)





Scientific, Technical Analysis and Reporting (STAR)



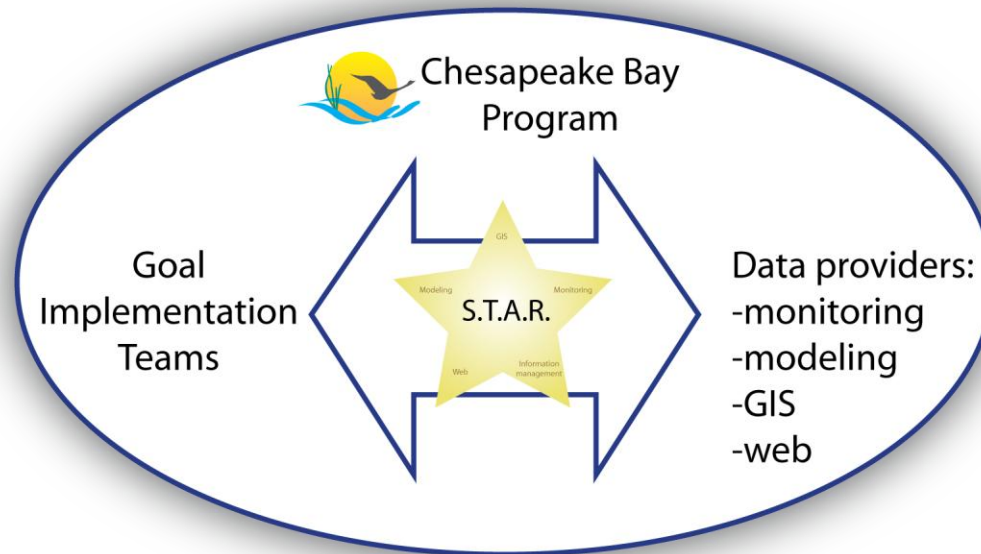


STAR goals

- **Facilitate** productive deployment of scientific resources
- **Promote** interactions between workgroups
- **Engage** academia: Chesapeake Synthesis Center
- **Communicate** widely & often
- **Reconcile** workgroups
- **Develop** interagency hub for decision support

Facilitate productive deployment of scientific resources

- Goal Implementation Teams: Define prioritized data needs
- Data providers: Supply, analyze & interpret data
- Technical & Support Services: Create and maintain dialog between GITs and Data providers



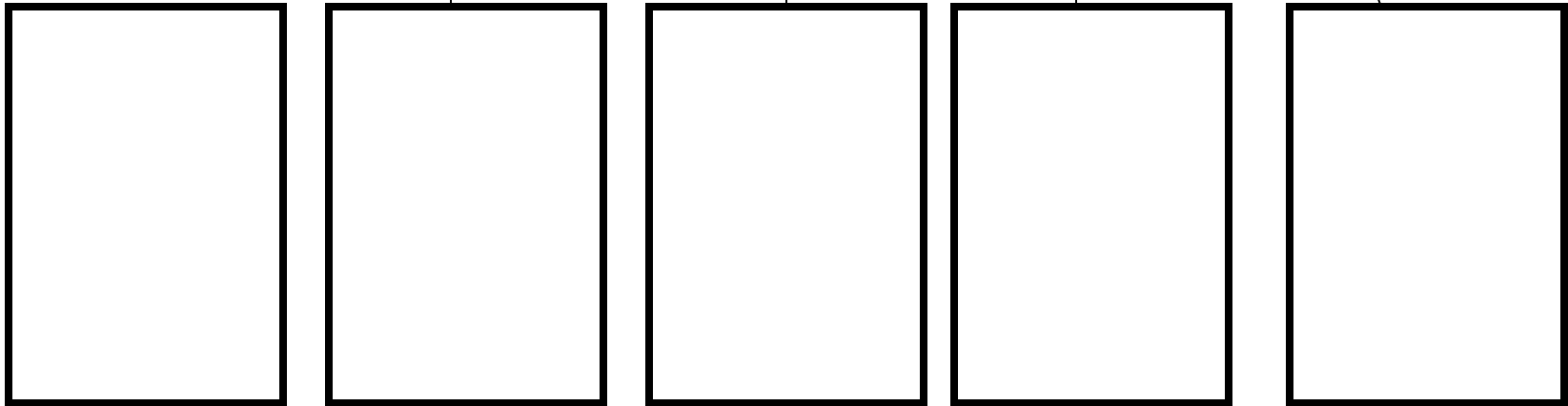
Regular meetings between Goal Implementation Teams & Science Providers

- Accurate & timely intelligence
- Effective tactics & strategies
- Rapid resource deployment
- Relentless follow-up & assessment



Promote interactions between workgroups

Quarterly plenary overviews



Workgroup breakouts



Engage academia: Chesapeake Synthesis Center

Federal Agencies

NOAA

Grants, monitoring, and research:
- Fisheries management
- Habitat restoration (SAV, oysters etc)
- Coastal observations

USDA

-Protect and enhance the nation's natural resource base and environment.

USGS

-A multi-disciplinary science organization that focuses on biology, geography, geology, information, and water.

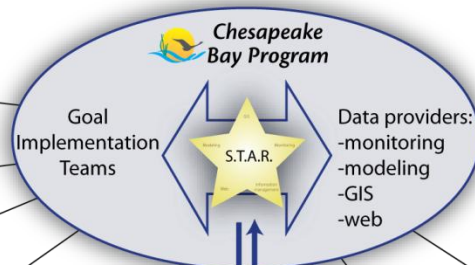
NASA

-Earth science research and observation of Chesapeake Bay and watershed.

Others

NOAA Chesapeake Bay Program Office

Ecocheck



State Government

Maryland

DNR

MDE

MDA

Others

Virginia

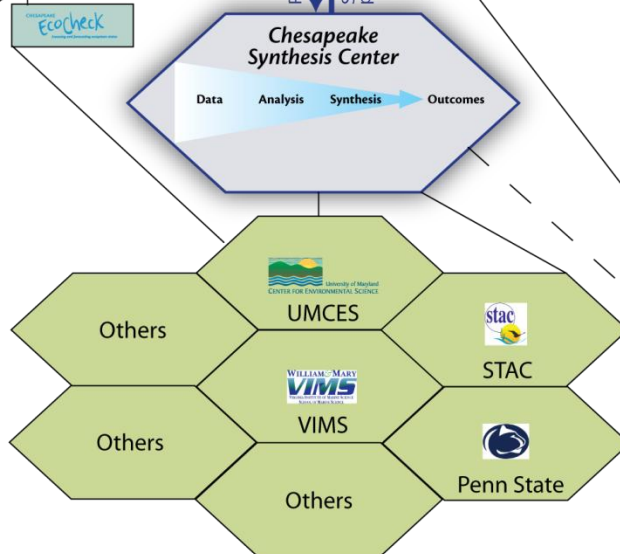
DEQ

Others

Pennsylvania

DEP

Others



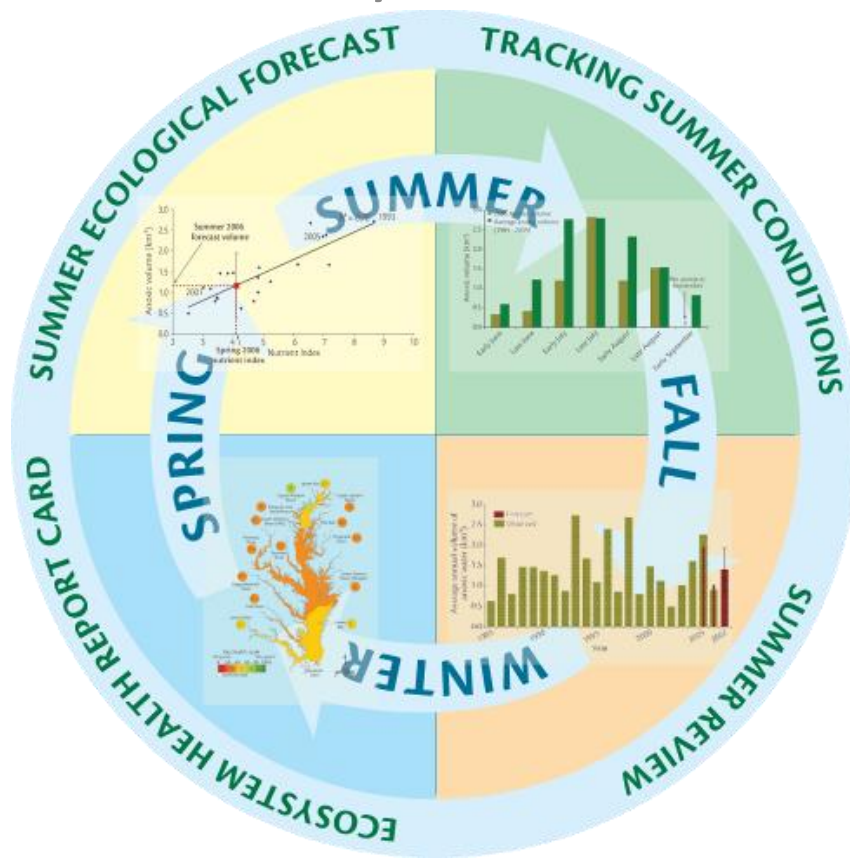
Academic Institutions

Outside experts




Communicate widely & often

Annual communication cycle



Enewsletter

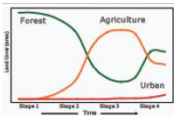
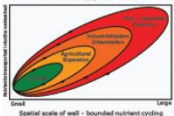
September 2009



The latest draft of one of our diagrams, showing sustainable versus unsustainable practices.

IAN helping to plan and establish multiple Marine Protected Areas (MPAs) in Indonesia

Jane Thomas from IAN has been in Bali working with The Nature Conservancy (TNC). Together with Conservation International and World Wildlife Fund, TNC has been helping the Indonesian government to plan and establish multiple Marine Protected Areas (MPAs) in the Bird's Head/Raja Ampat region of Indonesia's West Papua province. This region is in the heart of the Coral Triangle, which is the center of the highest coral diversity in the world. Surveys around Raja Ampat show that this area has the highest marine biodiversity on earth. IAN has been working with TNC to develop a series of conceptual diagrams depicting the benefits of MPAs for the reefs and wildlife, and the communities that depend on them for sustenance and livelihood. The major threats to the Bird's Head/Raja Ampat region are unsustainable fishing (including longlines, shark finning, dynamite and cyanide fishing), logging (causing erosion), and mining.

Conceptualized changes in land cover and scale of nutrient inputs as a function of four stages of development.

Altered ecological flows blur boundaries in urbanizing watersheds

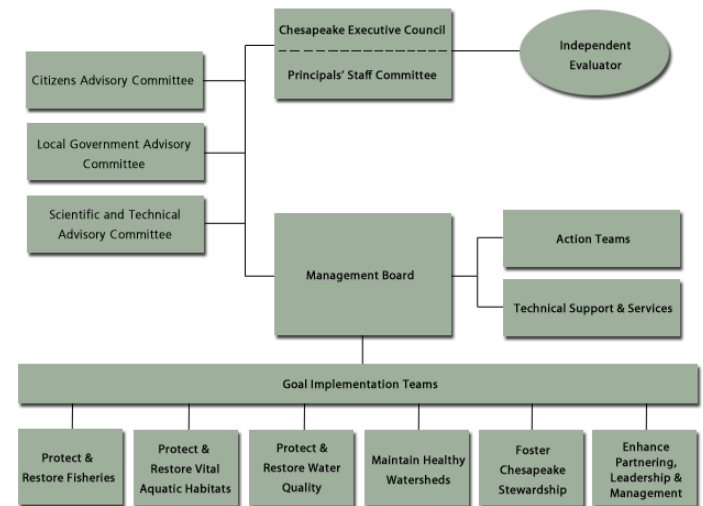
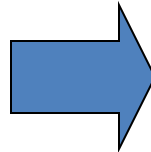
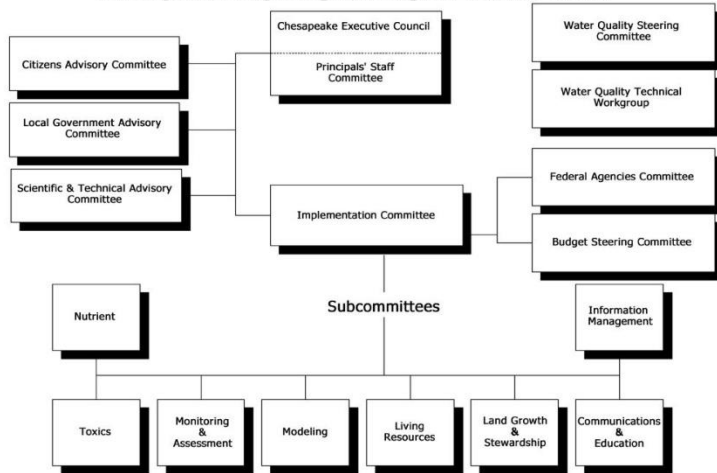
The relevance of the boundary concept to ecological processes has been recently questioned. Humans in the post-industrial era have created novel lateral transport fluxes that have not been sufficiently considered in watershed studies. In this new paper, *Ecology and Society* 14(2): 10, we describe



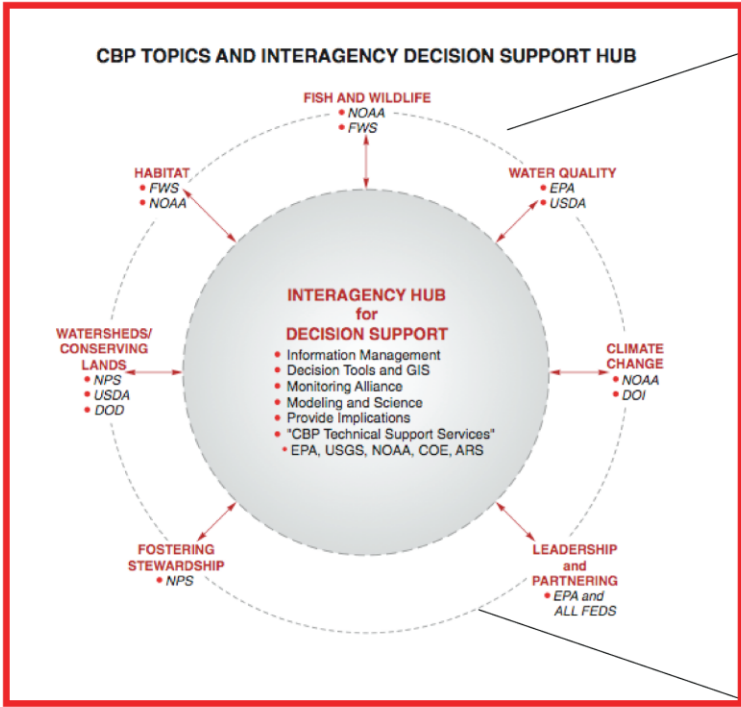
Reconcile workgroups

- Distinguish active/inactive
- Streamlining
- Scheduled turnover
- Distinguish functions

Chesapeake Bay Program Organizational Chart

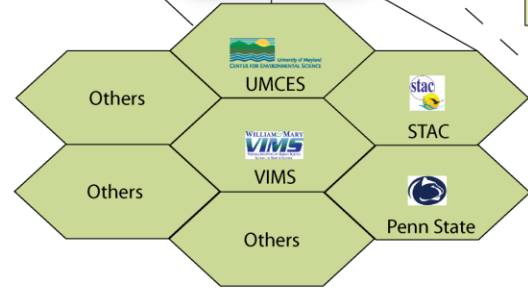
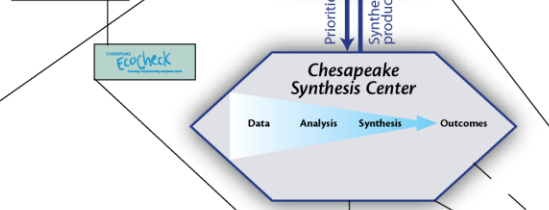


Develop Interagency Decision Support Hub



Federal Agencies

- NOAA**
Grants, monitoring, and research:
- Fisheries management
- Habitat restoration (SAV, oysters etc)
- Coastal observations
- USDA**
-Protect and enhance the nation's natural resource base and environment.
- USGS**
-A multi-disciplinary science organization that focuses on biology, geography, geology, information, and water.
- NASA**
-Earth science research and observation of Chesapeake Bay and watershed.
- Others



State Government

- Maryland**
 - DNR
 - MDE
 - MDA
 - Others
- Virginia**
 - DEQ
 - Others
- Pennsylvania**
 - DEP
 - Others

