STAR (Science, Technical Assessment, and Reporting) Collaboration with the Habitat Goal Team

Scott Phillips, USGS, STAR Co-chair

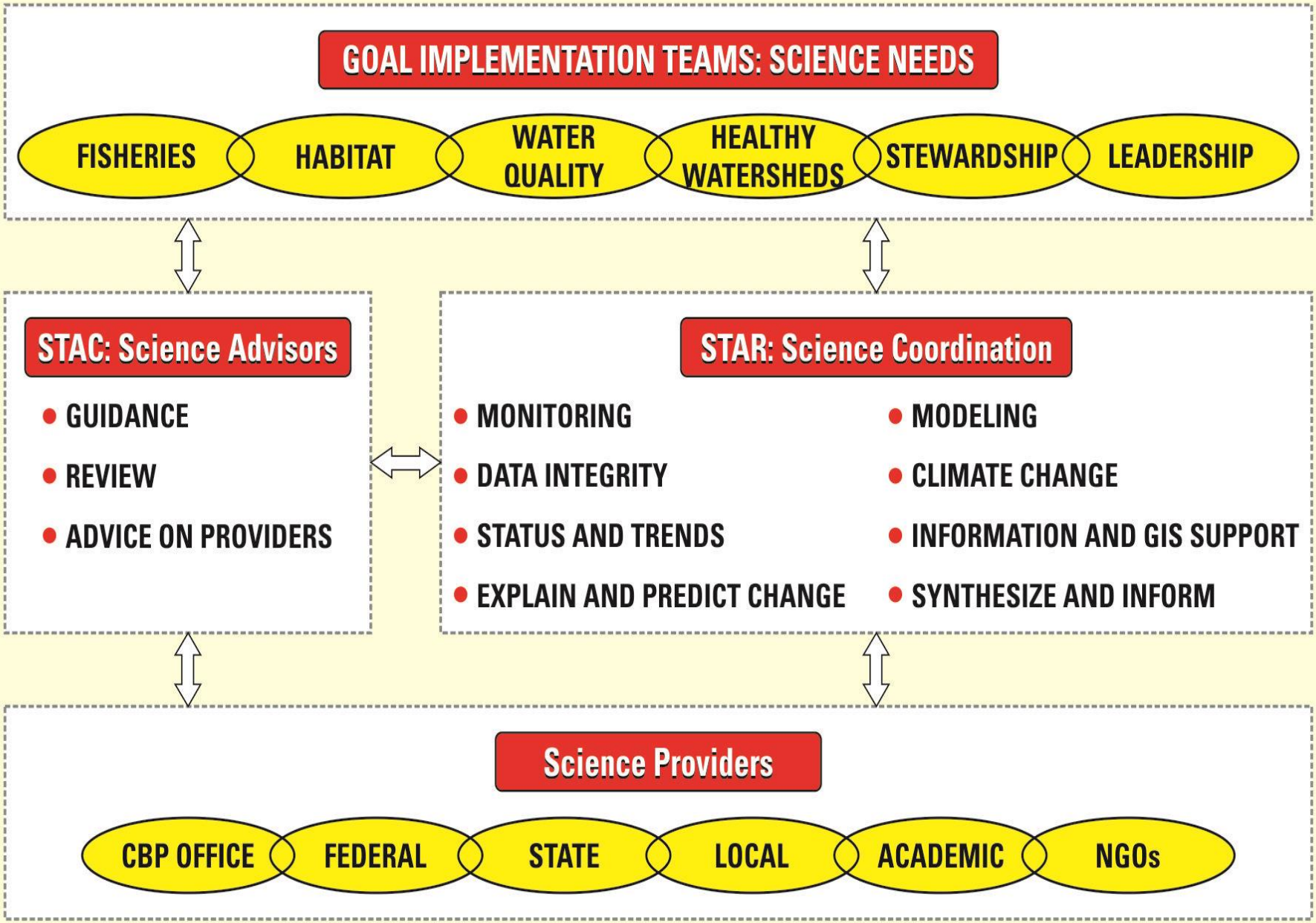
Habitat Goal Team meeting

October 14, 2015

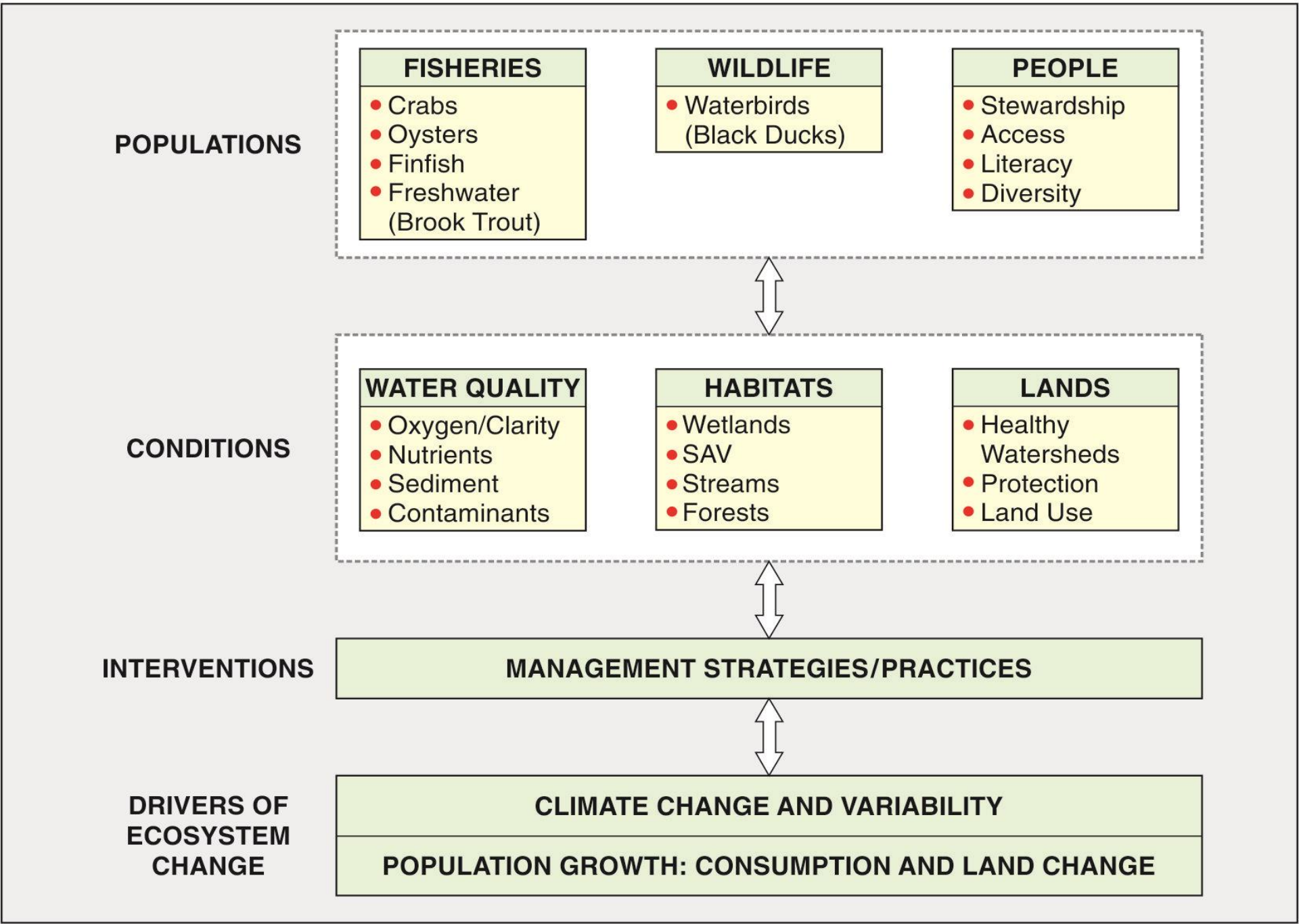
Bay Agreement and STAR

- Watershed agreement
- Goal Teams
  - Management strategies
  - Work plans
  - CBP decision framework (STAC)
- STAR: Increase coordination among science providers to support Goal Teams
  - Technical expertise within Goal Teams
  - Identify additional science/monitoring needs
  - Opportunities to increase science capacity

CHESAPEAKE SCIENCE SUPPORT



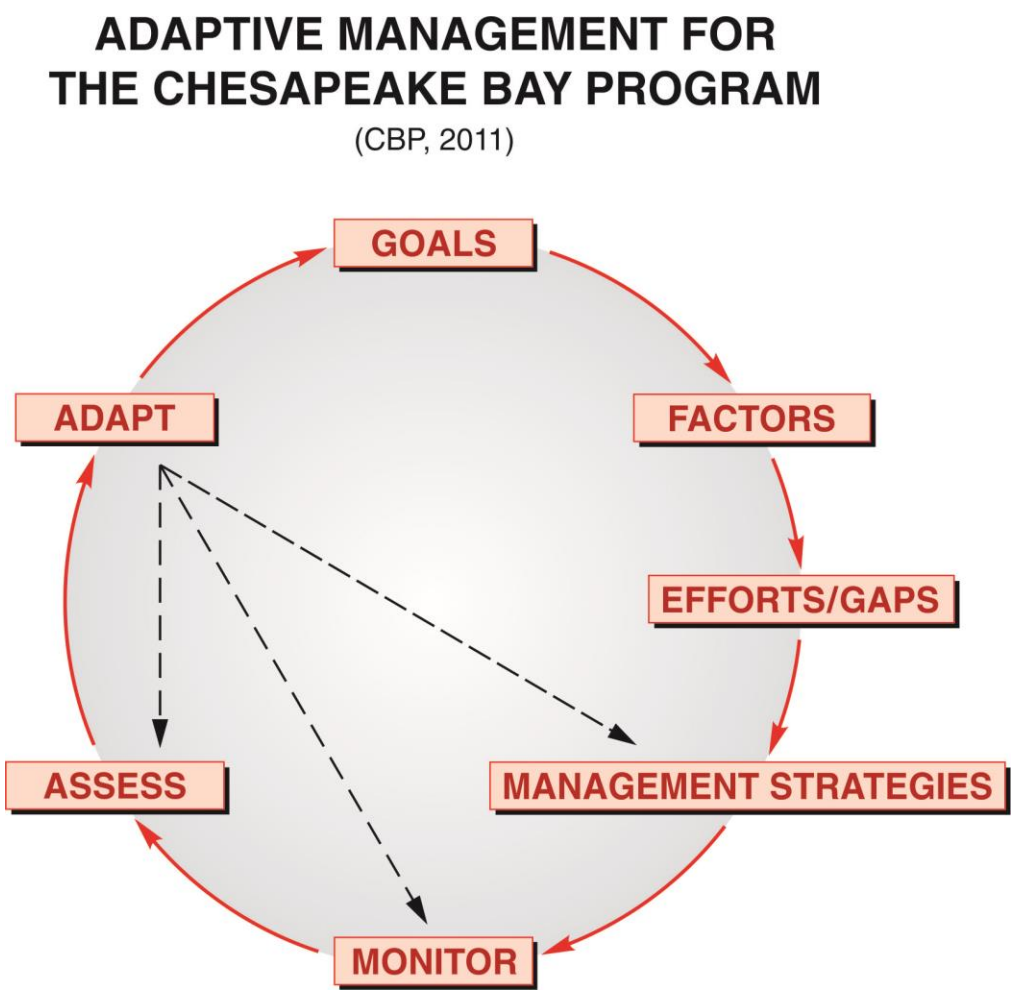
CONCEPTUAL DIAGRAM OF CHESAPEAKE BAY ECOSYSTEM



STAR-Goal Team Interaction

- Management Strategies
  - CBP decision framework
  - Monitoring to assess progress (indicators)
  - Cross outcome opportunities
- Work plans:
  - Science and monitoring activities
  - Limitations
- Build capacity over time
  - Decide on joint priorities

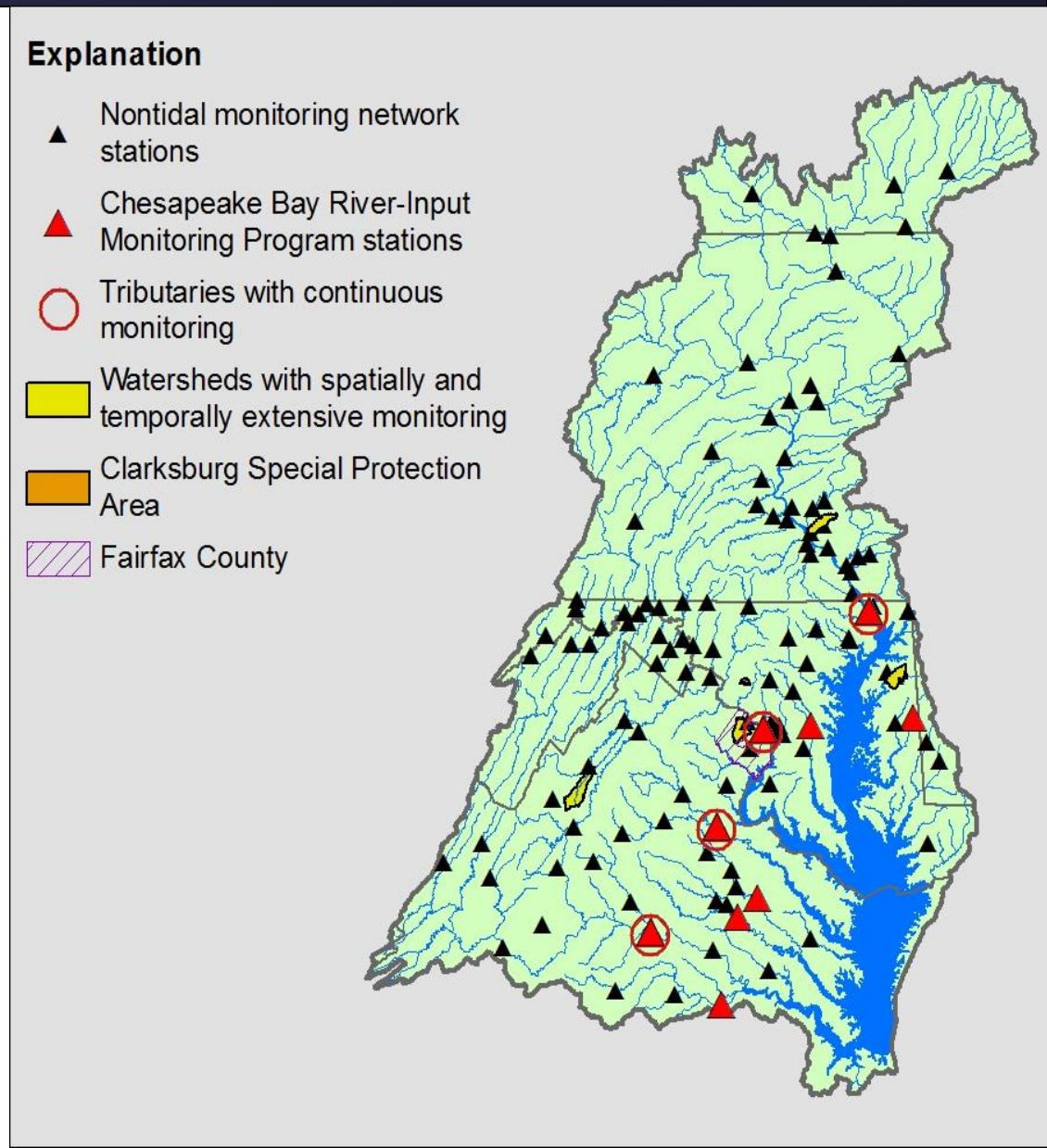
CBP decision framework



- Understanding factors
  - Land/climate change
- Management strategies
  - Models and decision tools to prioritize
- Monitor
  - Measuring outcomes
  - Indicators
  - Status and trends
- Assess
  - Explain change and relate to strategies
- Adapt
  - Synthesis and implications

Increasing Monitoring

- Integrating networks
- Example:
  - Water quality
  - Brook Trout
  - Stream health
- Building Environmental Intelligence



Enhance Support for GITs

- STAR interaction with each Goal Team
  - Liaisons; STAR meetings
- Indicators and monitoring needs
  - Assessing status/needs of all outcomes
  - Identify monitoring support/gaps
  - Opportunities /partners (BEI) (STAC workshop)
- Filling needs
  - Set joint priorities; limitations and expectations
  - CBP STAR support (Monitoring/data, GIS, Climate)
  - GIT funding
  - More science providers/agency support