

Greetings from the STAC Leadership!

1. **W. Ball** (STAC Executive Secretary)
 - a. Shameless plug for the CRC
 - b. Thinking ahead!
(STAC reviews for Mid-Point Assessment)
 - c. Leadership transition
2. **L. Wainger** (Incoming STAC Chair)
3. Et al.?

Chesapeake Research Consortium: who we are, what we do, and why



William P. (Bill) Ball
CRC Executive Director

Who We Are ... first, some brief history

from

**AN UNPRECEDENTED SCIENTIFIC COMMUNITY RESPONSE TO AN
UNPRECEDENTED EVENT: TROPICAL STORM AGNES AND THE CHESAPEAKE BAY**

by Moe Lynch (Virginia Institute of Marine Science),
in *Hurricane Isabel in Perspective*, K.G. Sellner (ed.). 2005.
CRC Publication 05-160, Chesapeake Research
Consortium, Edgewater, MD.

CRC Founders in 1972



William J. Hargis Jr. (VIMS)

L. Eugene Cronin (CBL-U.MD)

Donald W. Pritchard (CBI-JHU)

some brief history (cont'd)

- **“Operation Agnes”**
... begun in Sept 1972 without any assurance of financial support.”
- Federal agencies committed funding within a few days:
 - US Army CoE (Philadelphia, Norfolk, and Baltimore Districts)
 - ***NSF “Research Applied to National Needs” (RANN) program***,
 - NOAA Sea Grant
 - NMFS (Andadromous Fish & Jellyfish programs), US FWS
 - MD DNR, VA Office of Emerg. Preparedness
 - USEPA

(quotes are from Lynch, 2005):

- “The three laboratory directors, although strong competitors ... shared a ***common goal of doing the best science possible in the Chesapeake Bay.***”
- “Each recognized that
 - ***good science require[s] good funding***, and
 - ***good funding [comes from] strong public and political support.***”

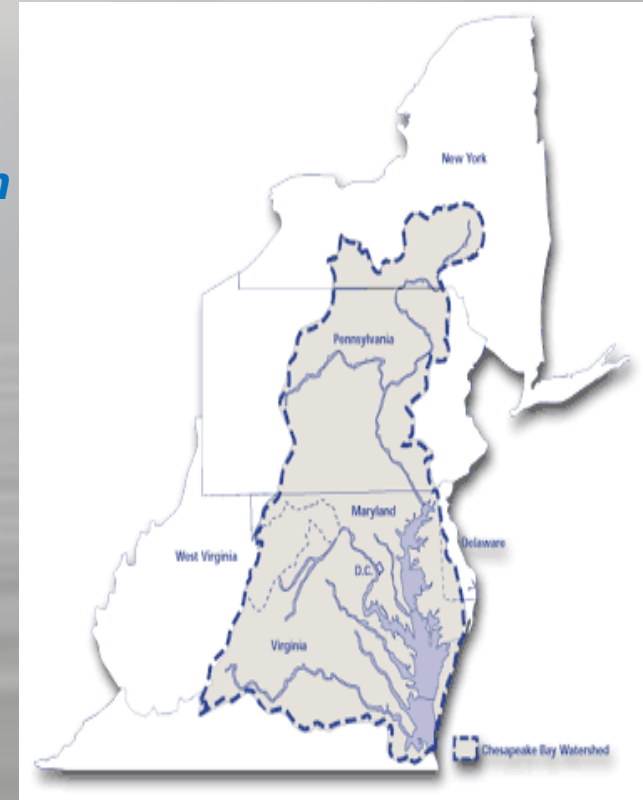
Chesapeake Research Consortium: Who We Are

- **Virginia Institute of Marine Science**
- **University of MD System**
 - Bowie State University
 - Coppin State University
 - Frostburg State University
 - Salisbury University
 - Towson University
 - University of Baltimore
 - University of Maryland, Baltimore
 - University of Maryland, Baltimore County
 - University of Maryland, College Park
 - University of Maryland Eastern Shore
 - University of Maryland University College
 - University of Maryland Center for Environmental Science
- **Smithsonian Environmental Research Center**
- **Pennsylvania State University**
- **Old Dominion University**
- **Johns Hopkins University**



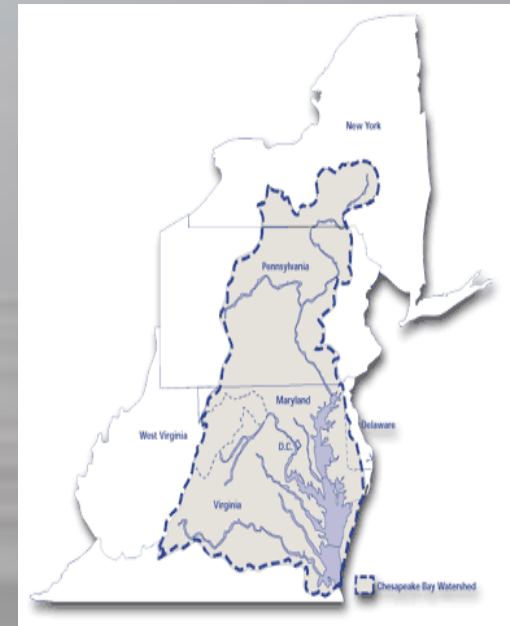
Chesapeake Research Consortium: What We Do

- **Foster multi-institution, multi-disciplinary research**
- **Promote and facilitate multi-institution projects & funding opportunities**
- **Transfer fundamental research results to inform science-based management**



Chesapeake Research Consortium: Who We Are

- Executive Director (Bill Ball)
- Admin Assistant (Gay Haywood)
- Business Manager (Mycah Berryman)
- Program Coordinators and Staff
 - **STAC Review and Workshop Program**
Natalie Gardner (Coordinator), Rachel Dixon, Renee Kelly
 - **CBP Career Development Program**
Melissa Fagan (Coordinator)
11 CBP Staffers
 - **Coordination & Support of Community Modeling and Modeling Science:** CCMP and ChesMS Conferences:
Raleigh Hood (oversight and direction) and
David Jasinski (IT and Communications)
 - **Other Cross-Institutional and Integrative Project Staff**
To be developed



Why Do We Do It?

- *To facilitate us all in bringing the best science possible to the Chesapeake Bay.*
- Recognizing that good funding comes as a result of strong public and political support, *to promote the importance of research efforts and assist with outreach.*
- Recognizing that the flexibility and time of scientists are highly constrained, *to develop, coordinate, and implement productive collaborative research and bring more resources to bear on issues relevant to the Bay.*

CBP Sponsor	Topic	Timeframe
STAR's Criteria Assessment Procedures Workgroup	2015 Chesapeake Bay Criteria Addendum	Q's posed: 8/1/15 Panel formed: 9/15/15 Draft Report: 11/15/15 Final Report: 1/15/16
STAR's Criteria Assessment Procedures Workgroup	Proposed Revised James River Chlorophyll-a Water Quality Criteria	Q's posed: 9/15/15 Panel formed: 9/15/15 Draft Report: 11/15/15 Final Report: 1/15/16
STAR's Integrated Trend Analysis Team	Application of WRTDS to watershed WQ trend analysis & explanations and of General Additive Models (GAMs) to estuarine WQ trend analysis & explanations	Fall 2015
WQGIT's Watershed Technical Workgroup	Chesapeake Bay Scenario Builder	Winter 2016
STAR's Modeling Workgroup	Phase 6 Chesapeake Bay Watershed Model + CAST (assessment scenario tool) + James R. Watershed Model	Winter 2016
STAR's Modeling Workgroup	Ches. Bay Water Qual./Sed. Transport Model (CB WQSTM) + shallow water; + climate change enhancements; + James R. WQ/HAB model (incl. link to CB WQSTM)	Spring 2016
STAR's Climate Change Workgroup	Approach being taken to factor climate change considerations into the 2017 Chesapeake Bay TMDL Midpoint Assessment	Summer 2016

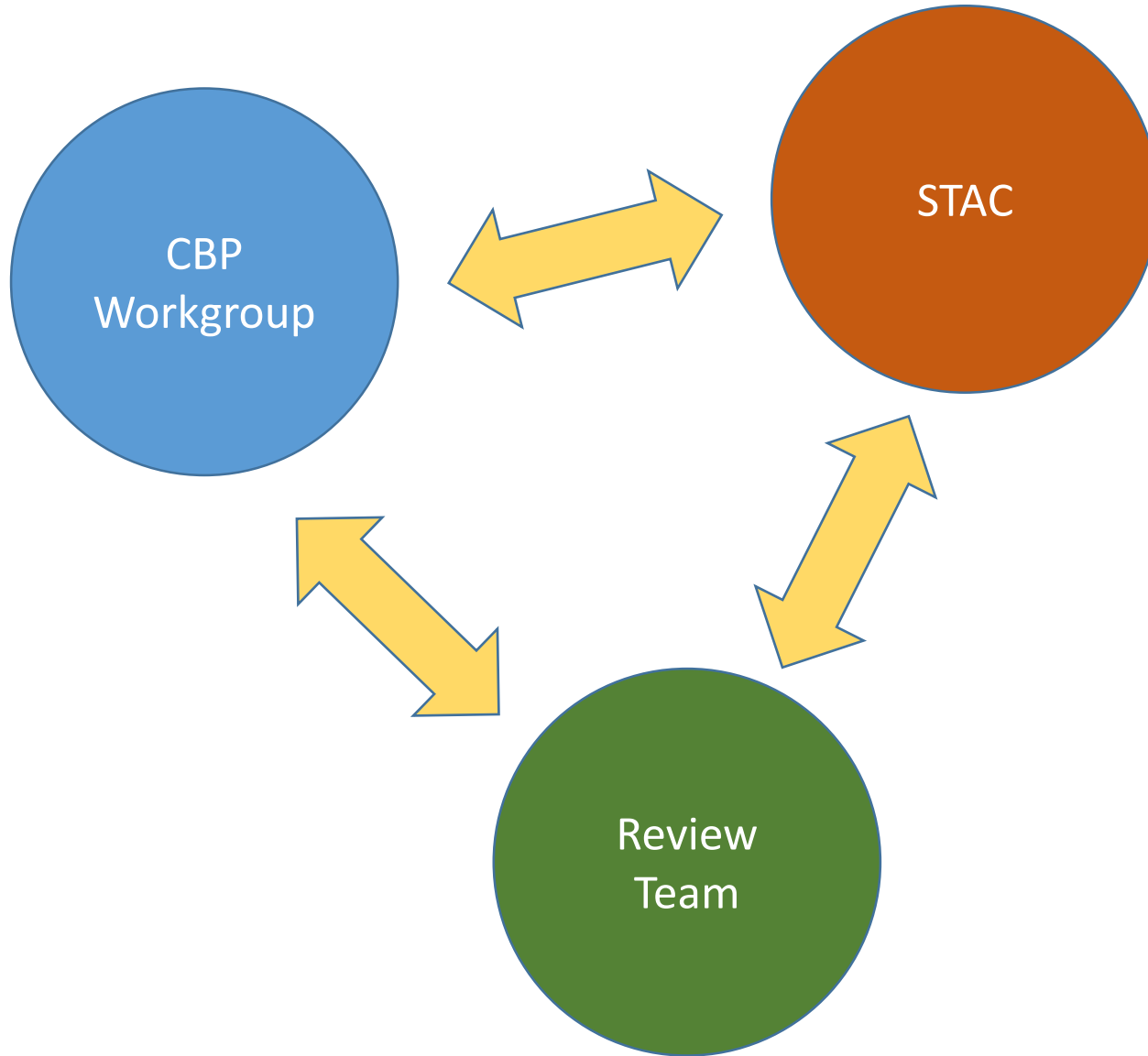
STAC *ad hoc* review committee

(from June 2015 STAC Quarterly Mtg)

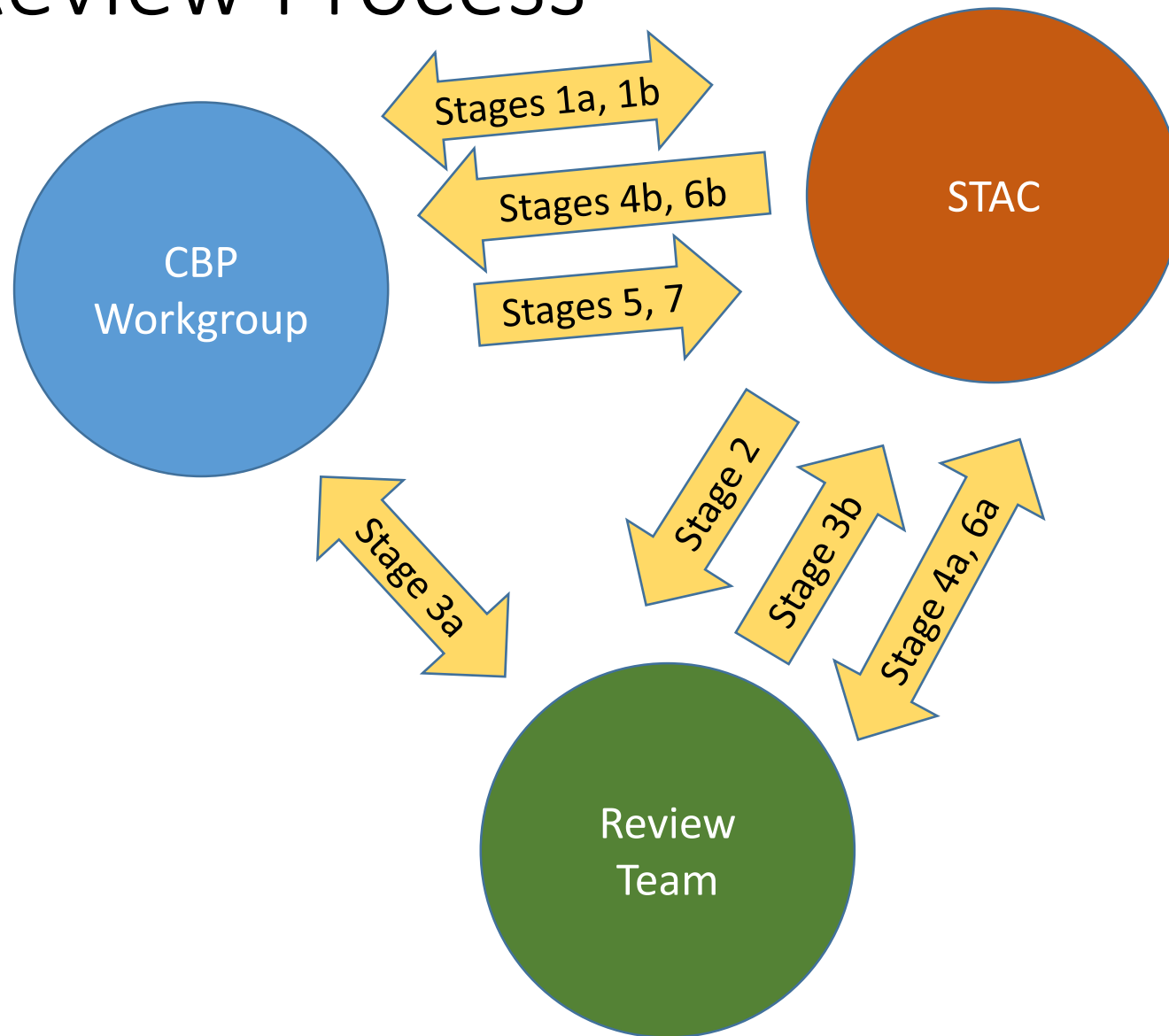
- Kirk Havens (VIMS)
- Lisa Wainger (UMCES)
- Bill Ball (CRC)
- Tom Ihde (ERT-NCBO)
- Bob Hirsch (USGS)
- Denice Wardrop (PSU)
- Natalie Gardner (CRC)
- Mark Luckenbach (VIMS)
- ~~Kevin Sellner (CRC)~~
- Carl Hershner (VIMS)

The team is responsible for reviewing charge questions, organizing panel review, and communicating with CBP workgroup as needed.

Review Process



Review Process



And now to the main item of
business.....

...of thanking and releasing from
duty our beloved STAC chair,

.... king of the DIC wads....

Dr. Kirk Havens

