



The CBP Directory:
A "Who's Who" in
Chesapeake Bay Program Activities

February 1992

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Prepared by the U.S. Environmental Protection Agency's Chesapeake Bay Program Office

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ABOUT THE BAY PROGRAM

The Chesapeake Bay is estimated to be over 10,000 years old with a surface area of over 2,200 square miles and a water volume of 18 trillion gallons. The Bay estuary is the largest in the nation. It is fed by over 150 tributary rivers and streams in a watershed that supports over 2,500 species of plants and animals as well as 13 million people.

Knowledge about the impact of man's modern day life-style on the environment has greatly advanced in the past two decades. In 1977, the Chesapeake Bay was the first estuary to be targeted for restoration and preservation. At that time, Congress directed the U.S Environmental Protection Agency (EPA) to launch a major study to investigate the causes of the Bay's environmental decline. The findings and recommendations, produced by that \$27 million research program, formed the foundation for the first Chesapeake Bay Agreement signed in 1983. In that agreement, the Environmental Protection Agency, in partnership with the governments of Virginia, Pennsylvania, Maryland, the District of Columbia and the Chesapeake Bay Commission (an interstate legislative coordinating body), agreed to develop and implement coordinated plans to improve and protect the water quality and living resources of the Chesapeake Bay estuarine system. The 1983 Agreement moved the program out of the research phase and into an action phase by defining water quality and related issues.

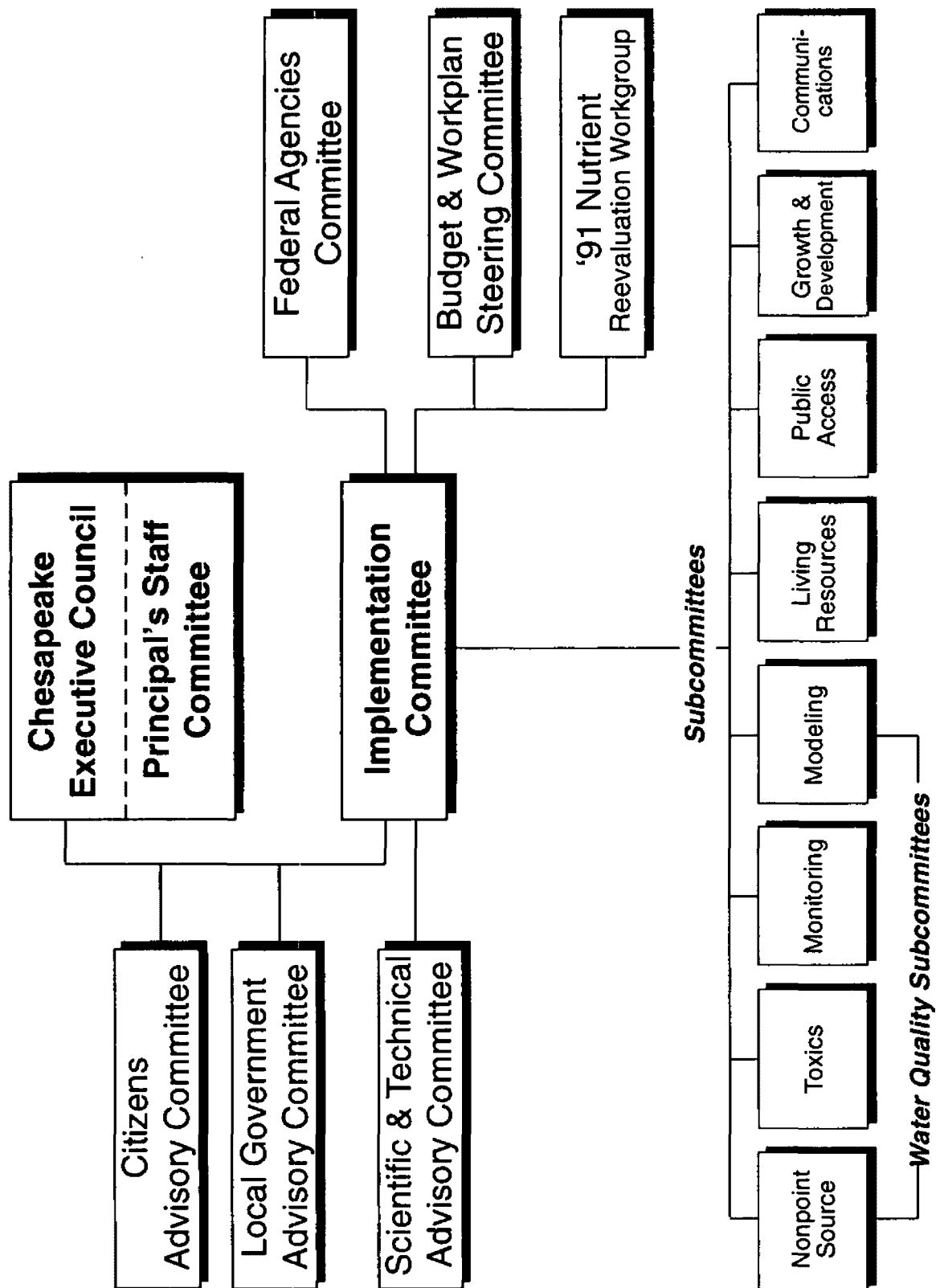
In January 1987, it was proposed to review the adequacy of the original Bay Agreement of 1983. In December 1987, the 1987 Chesapeake Bay Agreement was signed. The 1987 Chesapeake Bay Agreement expanded the scope of the 1983 Agreement, and listed 29 specific goals, objectives and commitments in six categories: Living Resources, Water Quality, Population Growth and Development, Public Information, Education and Participation, Public Access and Governance.

The 1987 Agreement clearly established that the productivity, diversity and abundance of the estuary's plants and animals (referred to as living resources) would be used as the ultimate measurement of the Chesapeake Bay's condition. Under the 1987 Chesapeake Bay Agreement, literally hundreds of tasks have been initiated to fulfill its bold promise to restore and protect this treasured estuary. Many of the initial cooperative strategies envisioned by the Bay Agreement have in fact been developed. Our main challenge today is to focus our collective energies on the implementation of those strategies and on the elements critical to our future success.

The Chesapeake Executive Council on August 6, 1991, identified and adopted four action steps that complement the 1987 Agreement and help define and direct the Chesapeake Bay Program: 1) Re-evaluate and Accelerate the Nutrient Reduction Program, 2) Strengthen the Focus on Pollution Prevention, 3) Take Direct Actions to Restore Living Resources Habitat and 4) Broaden Program Participation and Education Initiatives.

The Bay Program's success can be attributed to the open participation and interaction of federal, state, and local governments, business and industry, agriculture, academic and scientific institutions, civic and community groups and individuals. This Bay Program Roster Book is a valuable reference to understanding the Program's committee structure which was established to promote full participation, and the contact information for many dedicated program participants. It is a demonstration of the commitment of numerous people to the restoration of the Chesapeake Bay.

Major Committees In The Chesapeake Bay Program



CHESAPEAKE EXECUTIVE COUNCIL

Responsibilities

The Chesapeake Executive Council was established by the Chesapeake Bay Agreement of 1983. Under the 1987 Agreement membership changed from cabinet secretaries to the Governors of the States of Maryland, Pennsylvania, and Virginia, the Administrator of the U.S. Environmental Protection Agency, the Mayor of the District of Columbia and the Chairman of the Chesapeake Bay Commission, a legislative Commission serving Maryland, Pennsylvania, and Virginia. It establishes the policy direction for the restoration and protection of the Chesapeake Bay and its living resources.

The Council exerts leadership to marshal public support and is accountable to the public for progress made under the Agreement. It meets as needed, but at least annually. Its Principals' Staff Committee meets as needed to facilitate communication among the Implementation Committee, the Advisory Committees, and the Executive Council.

Chesapeake Executive Council Membership

William Donald Schaefer, Chairman
Governor
State of Maryland
Office of the Governor
State Circle
Annapolis, MD 21401
(410) 974-3901

Robert Patrick Casey
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Commonwealth of Pennsylvania
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Chairman
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Lawrence Douglas Wilder
Governor
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PRINCIPALS' STAFF COMMITTEE

Responsibilities

The Principals' Staff Committee (PSC) acts as the policy advisors to the Executive Council, accepting items for Council consideration and approval, and setting agendas for Council meetings. Individual members of the PSC arrange and provide briefings to their principals, the Agreement signatories. The PSC also provides policy and program direction to the Implementation Committee.

Principals' Staff Committee Membership

David A. C. Carroll, Chairman
Governor's Chesapeake Bay Coordinator
Governor's Office
State House
Annapolis, MD 21401
(410) 974-3004

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DC Department of Consumer
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Regional Administrator
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CITIZENS ADVISORY COMMITTEE

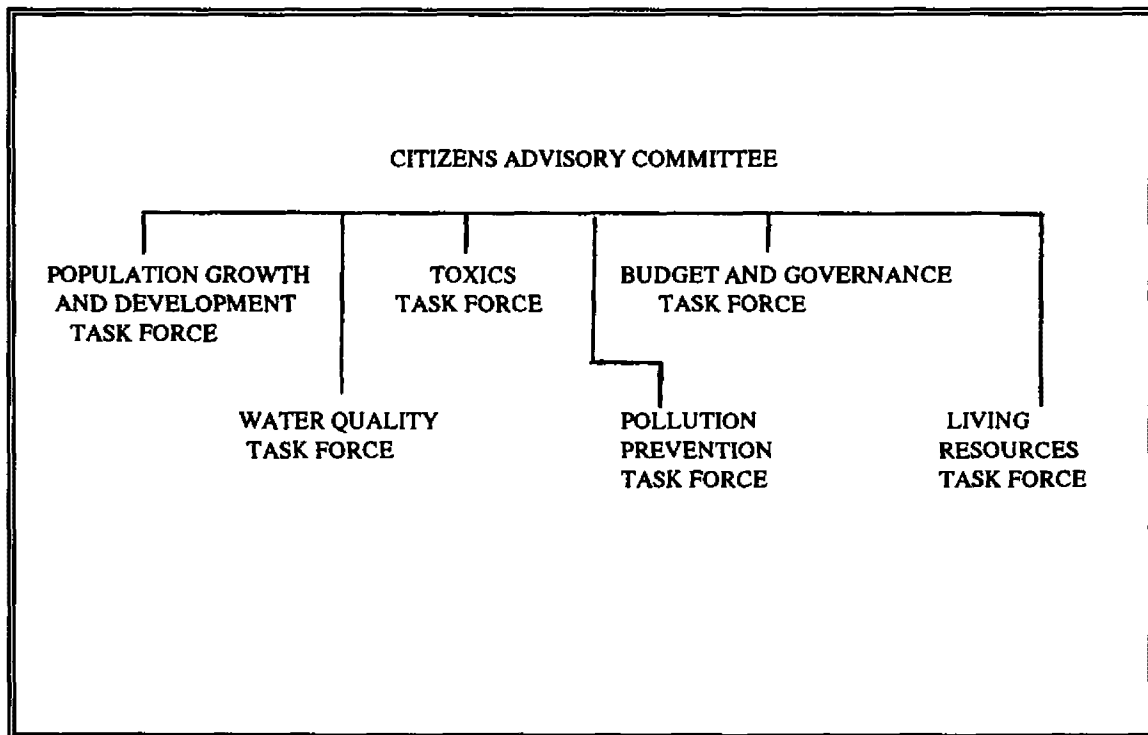
Responsibilities

The Citizens Advisory Committee provides assistance to the Executive Council, Implementation Committee and all Subcommittees as needed in implementing the Chesapeake Bay Agreement. Members communicate with their constituencies to increase understanding of the Agreement and programs to restore and protect the Bay. They also advise the Council and its institutions on policy matters and public perceptions.

Staff Contact:

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Organization Chart



Citizens Advisory Committee Membership

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Michael Brubaker
Brubaker Agronomic Services
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William Eberhardt
Environmental Manager
Proctor & Gamble Paper Products
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Clifford A. Falkenau
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Citizens Advisory Committee Membership (Continued)

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Thomas C. Winstead
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Kilmarnock, VA 22482
(804) 435-1886

Citizens Advisory Committee Task Forces

Population Growth and Development Task Force - Tracks strategies for Agreement Commitments in the area of land use issues;

- participates on the Population Growth and Development Subcommittee (Edwina Coder/Jack Whitney);
- prepares comments on funding priorities, workplan, and program activities in the area of land use;
- follows State activities related to implementation of the findings of the Report of the 2020 Panel.

Jack Whitney, Chairperson - VA
David Brubaker - PA
Edwina Coder - PA
Mark Kalish - MD

Gerald McCarthy - VA
Mitchell Nathanson - MD
Michael Rolband - VA
Mary Roe Walkup - MD
Walter Wells - DC

Citizens Advisory Committee Membership (Continued)

Toxics Task Force - Tracks strategies for Agreement commitments in the area of toxics; participates on Toxics Subcommittee (Bette Bauereis and Ann Powers); comments on funding priorities, workplans, and program activities in the area of toxics.

Elizabeth Bauereis, Chairperson-MD
David Brubaker - PA
Bill Eberhardt - PA
Bill Hastings - VA

Ann Powers - MD
Walter Wells - DC
Tom Winstead - VA

Budget and Governance Task Force - Reviews funding issues for state and federal programs related to the Chesapeake Bay; participates on the Budget and Workplan Steering Committee (Bill Eberhardt); encourages initiation of strategic planning process for Bay restoration activities.

Bill Eberhardt, Chairperson - PA
Elizabeth Bauereis - MD
Edwina Coder - PA

Clifford A. Falkenau - MD
Wayne Sullivan - VA
Jack Whitney - VA

Living Resources Task Force - Track strategies for Agreement commitments related to Living Resources; prepares comments on funding priorities, work-plans, and program activities in the area of Living Resources.

Areas of special interest and Bay Program workgroup representation:

- Wetlands - Walt Pomeroy
- Fisheries - Andrew Loftus

Mary Roe Walkup, Chairperson -
MD
Robert Andretta - DC
Mike Brubaker - PA
Andrew Loftus - DC

Walt Pomeroy - PA
Ann Powers - MD
Michael Rolband - VA
Tom Winstead - VA

Water Quality Task Force - Tracks strategies for Agreement commitments related to Water Quality (except toxics); prepares comments on funding priorities, workplans, and program activities in the area of Water Quality, including:

- Nutrient reduction (point and nonpoint source)
- Federal facilities
- Conventional pollutants

Margot Foster, Chairperson - DC
Robert Andretta - DC
Elizabeth Bauereis - MD
Lee Brown - VA

David Brubaker - PA
Edwina Coder - PA
Ann Powers - MD
Walter Wells - DC

Citizens Advisory Committee Membership (Continued)

Pollution Prevention Task Force - Assists Bay Program subcommittees and workgroups promoting pollution prevention, reviews pollution prevention action agenda and implementation plan. Communicates with CAC and EC about successful pollution prevention programs.

Lee Brown, Chairperson
Better Bauereis - MD
Mike Brubaker - PA
Edwina Coder - PA

Bill Eberhardt - PA
Bill Hastings - VA
Andy Loftus - DC
Ann Powers - MD

CAC has liaison Representatives to other Bay Program Activities:

Communications Subcommittee - Clifford Falkenau
Federal Agencies Committee - Mary Roe Walkup
Local Government Advisory Committee - Clifford Falkenau
Scientific and Technical Advisory Committee - Wayne Sullivan

LOCAL GOVERNMENT ADVISORY COMMITTEE

Responsibilities

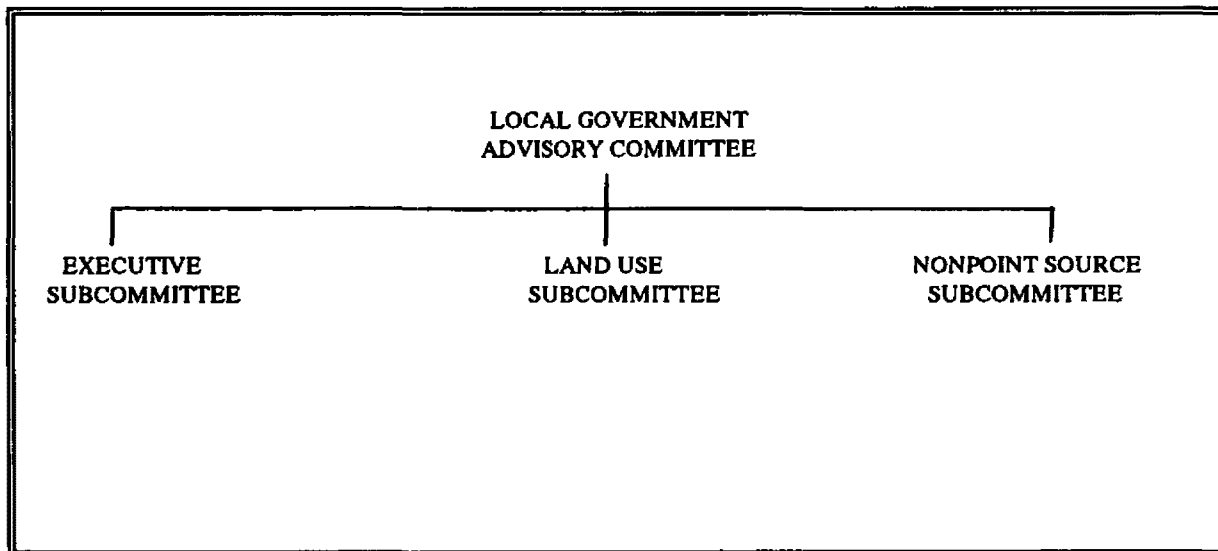
Establishing the Local Government Advisory Committee in March 1988 fulfilled a 1987 Chesapeake Bay Agreement commitment. LGAC is composed of local government representatives from the States of Maryland, Virginia and Pennsylvania, and the District of Columbia. The Committee is charged with developing and implementing a strategy for local government participation in the Chesapeake Bay Program.

The Committee gives advice on matters relating to Local Governments to the Executive Council, the Principals' Staff Committee and the Implementation Committee. It is supported by the Subcommittees and workgroups shown below.

Staff Contact:

Eric Jenkins
Metropolitan Washington Council of Governments
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Washington, DC 20002
(202) 962-3360

Organization Chart



Local Government Advisory Committee Membership

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Council Member
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Isiah Leggett
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Local Government Advisory Committee Membership (Continued)

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Council Member
City of Harve de Grace
415 Alliance Street
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Jeanne Lynch
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Mayor
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Subcommittees and Workgroups

Executive Subcommittee - Consists of the LGAC Chairman and three Vice-chairs representing each of the jurisdictions under the Bay Agreement.

Land Use Subcommittee -The LGAC also reviews issues as needed in its Land Use Subcommittee. Membership for the Land Use Subcommittee is pending.

Nonpoint Source Subcommittee - The LGAC also reviews issues as needed in its Nonpoint Source Subcommittee. Membership for the Nonpoint Source Subcommittee is pending.

SCIENTIFIC AND TECHNICAL ADVISORY COMMITTEE

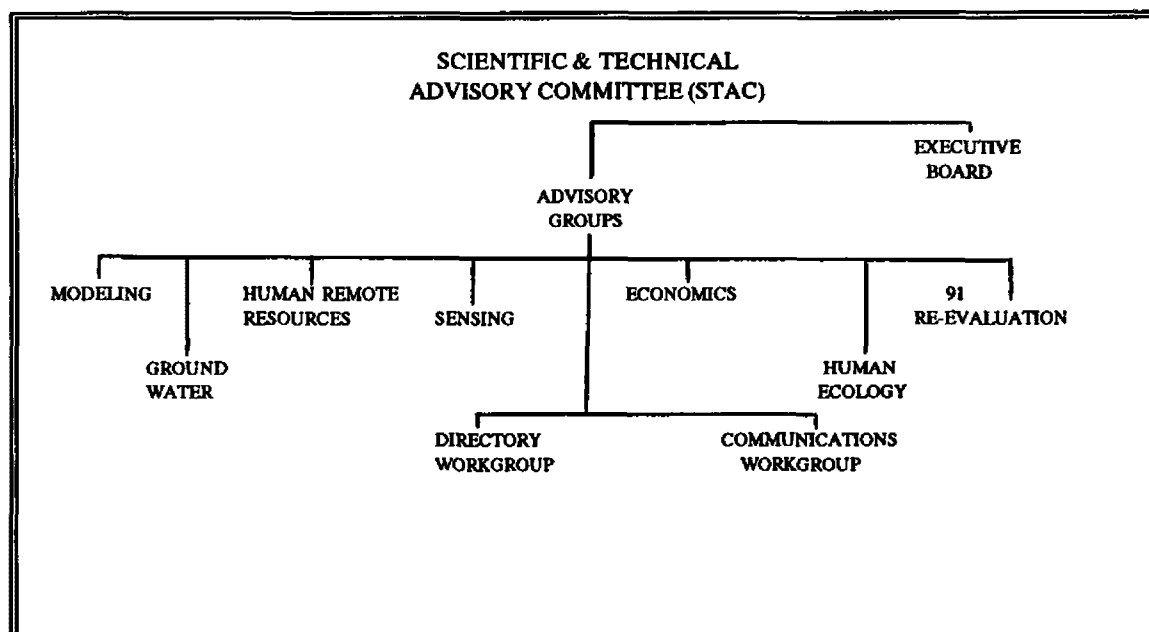
Responsibilities

The Scientific and Technical Advisory Committee (STAC) provides scientific and technical guidance to the Implementation Committee (IC) and its technical subcommittees as they strive toward fulfillment of the Chesapeake Bay Agreement commitments and other activities relevant to the restoration and protection of Chesapeake Bay. The STAC also works to enhance communication among the technical subcommittees and between the Chesapeake Bay resource managers, citizens, and the scientific community.

Staff Contact:

Steven Nelson
Chesapeake Research Consortium
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Organization Chart



Scientific and Technical Advisory Committee Membership

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Scientific and Technical Advisory Committee Membership (Continued)

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Scientific and Technical Advisory Committee Membership (Continued)

ADVISORY GROUPS

Modeling Advisory Group - Responsible for advising the Implementation Committee on the validity and applicability of the Bay models and to provide recommendations for future research on models.

Objectives include the following:

- a. to maintain expertise on the hydrodynamic models and watershed models within STAC, in order to answer relevant questions and to provide technical advice on models;
- b. to provide a liaison between STAC and the Bay Program Modeling Subcommittee—to convey STAC's views on models to this committee, and to report to STAC on the progress, problems, and limitations of the models under development;
- c. to represent STAC's views on models to other groups, such as the Citizen's Advisory Committee and the public, as directed by STAC.

Dr. Terry Schemm, Co-chairman - JHU
Dr. Gordon Smith, Co-chairman - JHU
Dr. Don Boesch - U of MD, CBL
Dr. Dick Jachowski - USFWS
Dr. Robert Lippson - NOAA

Dr. Maurice Lynch - VIMS
Dr. Joseph Mihursky - U of MD, CBL
Dr. Sandy Sage - PA, ANS
Dr. Alan Taylor, Co-chairman - U of MD

Economics Advisory Group - Provides available economic analysis and economic advice to the Chesapeake Bay Program Implementation Committee, as well as to other resource managers, the larger scientific community, and citizens concerned with the implementation of issues identified in the 1987 Chesapeake Bay Agreement.

Objectives include the following:

- a. to increase STAC's ability to provide an economic perspective in its response to requests for reviews of plans and progress reports;
- b. to increase STAC's ability to provide an economic perspective in its participation on technical subcommittees; and,
- c. to encourage communication to managers of ongoing research findings and their management implications.

Dr. Robert Costanza - U of MD
Dr. John Cumberland - U of MD
Dr. Donald Epp - Penn State
Dr. Waldon Kerns - USDA, SCS

Dr. James Kirkley - VIMS
Dr. William McSweeney - PA State
Dr. Leonard Shabman - VPI & SU
Dr. Ivar Strand - U of MD

Scientific and Technical Advisory Committee Membership (Continued)

Human Resources Workgroup - Determines and reports on the extent and distribution of representation of minorities and women among elements of the Chesapeake Bay Program, with particular emphasis on scientific and technical professions; to survey affirmative action programs and activities operated by institutions in the Chesapeake Bay Program for the purpose of compiling information about their methods and effectiveness; to survey other relevant programs and activities of agencies and organizations not presently affiliated with the Chesapeake Bay Program for the purpose of compiling information about their methods and effectiveness; to serve as a link between the Chesapeake Bay Program and minority/women educational institutions for the purpose of facilitating interaction between these institutions and all components of the Program; to develop recommendations for increasing the representation and participation of minorities and women in all components of the Chesapeake Bay Program, which may include the drafting of a new Bay initiative for consideration by the Executive Council; and to invite the full participation in the Working group by any and all individuals and organizations who are committed to the achievement of its objectives.

Jim Hannaham - Co-Chair - DC
Richard Jachowski - Co-Chair - USFWS
Benjamin Alexander - Amer. U
Sharon Anderson - VA Local Govt
Kathi Bangert - USFWS
Cindy Barton - USGS
Wayne Bell - U of MD, CEES
Bradford Brown - NOAA
Joe Conner - U of MD
Uvetta Dozier - DC
Deeohn Ferris - NWF
E. E. Finney - USDA
Robert Greenfield - DC
William Hunt - PA
Jose Jones - UDC
Dr. Robert Lippson - NOAA
Shirley Malcomb - AAAS
Donald Murray - DC

Jack Nelson - DC
James O'Connor - UDC
Kwamena Ocran - Howard U.
Frank Perkins - VIMS
Harriet Phelps - UDC
Jack Plimmer - USDA, ARS
David Pyoas - USDA, FS
Martha Sager - DC
Larry Shannon - USFWS
Charles Spooner - EPA, CBPO
Mel Thompson - Howard U.
Elizabeth Trujillo - USFWS
Maurice Ward - NOAA
Charles Warr - US Public Health
Service
Hame Watt - DC
Wilbert Wilson - Howard U.

Human Ecology Workgroup - Evaluates major public and environmental health and safety concerns, to determine their possible cause as well as their immediate and long term impacts on the Chesapeake System. These actions are to be taken with a view towards determining which of the several issues require immediate attention and planning in order to mitigate existing areas of concern and to predict the occurrence of those that would put the health of the public and the environment at risk. In addition to prioritizing actions on these issues, the Advisory Group explores how information-communication links between government, industry, and academia might be used to develop meaningful public and environmental health programs and policies.

Dr. Donald Rice, Chair - U of MD
Dr. Jeff Foran - GWU
Dr. Aaron Rosenfeld - NMFS
Dr. Sheldon Samuels - Workplace
Health Fund

Dr. Gordon Wolman - JHU
Dr. Eric May - MD DNR
Charles Warr - US Public Health Service

Scientific and Technical Advisory Committee Membership (Continued)

Remote Sensing Advisory Group - Provides scientific and technical guidance on the applicability and use of remote sensing and associated technologies to the applicability and use of remote sensing and associated technologies to the Scientific and Technical Advisory Committee. The goal of the group is to foster optimal utilization of remote sensing and associated methods in order to assist the public and private sectors as they strive towards fulfillment of the Chesapeake Bay Agreement commitments and other activities relevant to the restoration and protection of the Chesapeake Bay.

The group has the following objectives:

- a. promote cooperation and communication within the Chesapeake Bay research and management community such that management issues and diverse technologies in remote sensing are brought together for the benefit of the living resources of the Chesapeake Bay;
- b. define requirements for measuring, mapping, and monitoring Chesapeake Bay properties using integrated remote and ground sensing systems needed to assist in the resolution of defined Bay management issues;
- c. evaluate and advise in the design of remote sensing oriented studies that are responsive to management needs and provide timely answers that can be interpreted with a reasonable level of confidence;
- d. monitor developments in remote sensing of estuaries;
- e. encourage/support research for developments of remote sensing techniques and equipment which are needed for estuarine research yet not available.

Dr. Maurice Lynch, Chairman - VIMS

Communications Workgroup - prepares, on an annual basis, a brief progress report on research efforts supported by the Chesapeake Bay Program and assesses, on an annual basis, recent advances in selected estuarine research, both within and beyond the Chesapeake Bay region with direct relevance to Bay restoration and protection efforts. Coordinates the "Perspectives on the Bay" literature synthesis, and the Chesapeake Bay Research Conference.

Dr. Ann Bartuska - USDA FS
Dr. Wayne Bell - U of MD
Michael Haire, Chairman - MDE
Dr. Chris D'Elia - U of MD
Laura Lower - VA COE

Dr. Maurice P. Lynch - VIMS
Gail Mackiernan - MD Sea Grant
Dr. Joseph Mihursky - STAC, CRC
Bill Richkus - Versar

Groundwater Advisory Group - brings together Bay region groundwater researchers to make their expertise readily available to Bay Program committees.

Russ Brinsfield, Chairman - MD
Dr. Sam Austin - VA FOR
Dr. Alan Isensee - USDA
Dr. Harry Pionke - USDA

Dr. George Simmons - VPI & SU
Dr. Barry Smith - USGS
Dr. Alan Taylor - U of MD
Mr. Carl Zimmerman - U of MD

Scientific and Technical Advisory Committee Membership (Continued)

Nutrient Re-Evaluation Workgroup - Provides peer review and comment on the 1991 Chesapeake Bay Nutrient Re-evaluation Program.

Dr. Clifford Randall, Co-Chair -
VPI & SU

Dr. Joseph Mihursky, Co-Chair -
CRC/U of MD

Dr. Don Boesch - U of MD

Dr. Dick Jachowski - USFWS

Dr. Archie McDonnell - PSU

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Dr. Terry Schemm - JHU/APL

STAC Staff:

Steve Nelson, Program Manager - CRC

Jacquelin Savitz, Research Assistant - CRC

Nadine Lymn, Intern - CRC

Michele Aud, Administrative Assistant - CRC

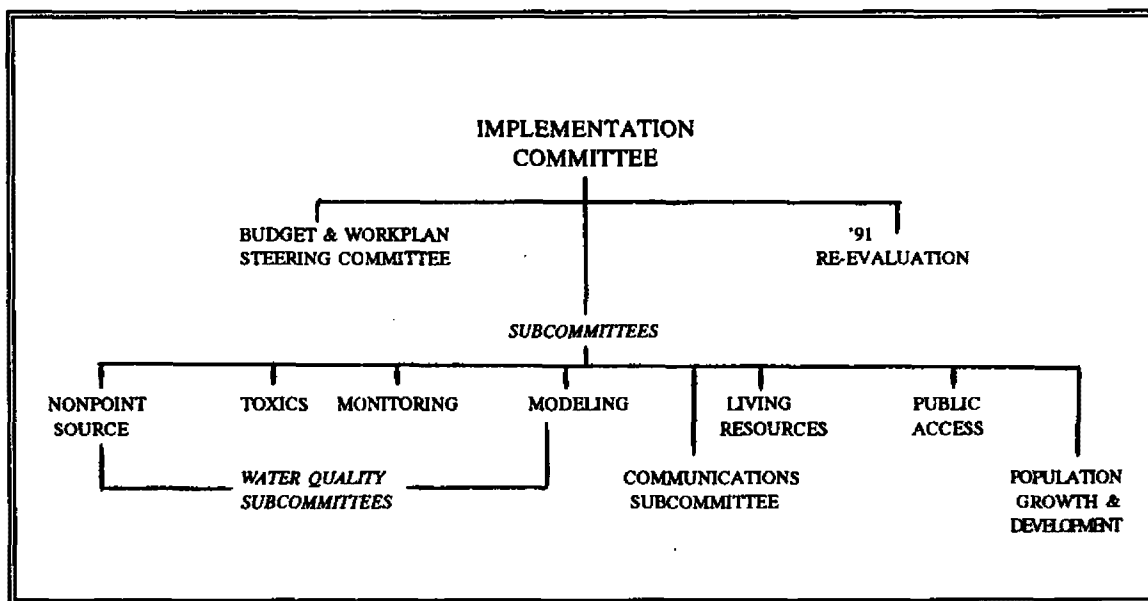
IMPLEMENTATION COMMITTEE

Responsibilities

The Implementation Committee was established by the Chesapeake Bay Agreement of 1983 and is composed of representatives from the States of Maryland, Virginia and Pennsylvania, the District of Columbia, the Chesapeake Bay Commission, the Environmental Protection Agency and other federal agencies (DoD - Army, Navy and Marine Corps; NOAA; DoI - NPS, FWS and USGS; USDA - SCS, FS and ASCS; and DoT - FHA and USCG). It is responsible for implementing the policy decisions and technical studies of the Chesapeake Executive Council and coordinating restoration and protection activities under the 1987 Bay Agreement.

The Committee receives policy guidance from both the Executive Council and its Principal Staff Committee. It establishes and coordinates all of the committees and subcommittees shown below. The Chesapeake Bay Program Office provides staff support to the Implementation Committee and its Subcommittees. The Implementation Committee is responsible for the annual workplan and budget, preparation of the Annual Report, technical and computer support, and public outreach. It receives and acknowledges the advice of the Scientific and Technical Advisory Committee, the Local Government Advisory Committee and the Citizens Advisory Committee whose Chairmen are also members.

Organization Chart



Implementation Committee Membership

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Implementation Committee Membership (Continued)

SUBGROUPS AND WORKGROUPS

1991 Nutrient Re-Evaluation Workgroup - The 1991 Nutrient Reevaluation Workgroup is responsible for fulfilling the Agreement commitment:

"By December 1991, to reevaluate the 40 percent reduction target based on the results of modeling, research, monitoring and other information available at that time."

Robert Perciasepe, Chairman - MD
Kathy Korpon Bangert - USFWS
Louis Bercheni - PA
Edwina Coder - CAC
James Collier - DC DCRA
Jim Cox - VA DSWC
Francis Flanigan - ACB
Caren Glotfelty - PA
Michael Haire - MDE
Verna E. Harrison - MD DNR
Michael Hirshfield - CAC
J. Claiborne Jones - CBC

Veronica Kasi - PA
Kenneth Laden - DC
Joseph Mihursky - STAC
Larry Minock - VA COE
Alan Pollock - VA SWCB
Rosemary Roswell - MDA
James Shell - MWCOC/LGAC
Charles S. Spooner - EPA, CBPO
Ann Pesiri Swanson - CBC
Cameron Wiegand - LGAC
Lee Zeni - ICPRB

Budget and Workplan Steering Committee - The Steering Committee reviews the program expenditure proposals made by the Implementation Committee subcommittee and the advisory Committees and recommends a fiscal year extramural budget to the Implementation Committee. The Implementation Committee is assisted in this process by the CBPO staff which coordinates the assembly of the proposals and the development of alternative budget packages.

The Steering Committee includes representatives of the CAC, STAC, LGAC.

Jon Capacasa, Chairman - EPA
Ferial S. Bishop - DC DCRA
Patricia A. Buckley - PA
Thomas W. Burke - MD
Keith J. Buttleman - VA COE
James Collier - DC
William Eberhardt - CAC
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Cecily Majerus - MD
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Charles S. Spooner - EPA, CBPO
Ann Pesiri Swanson - CBC
Donald L. Wells - VA DSWC

NONPOINT SOURCE SUBCOMMITTEE

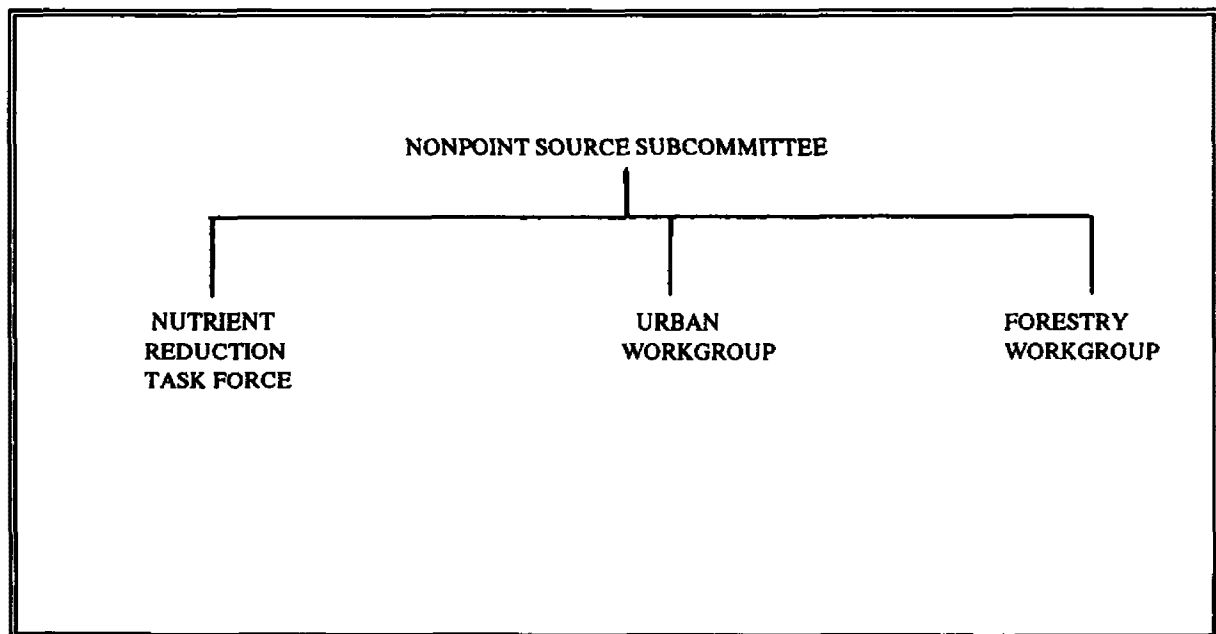
Responsibilities

The Subcommittee addresses issues related to control of nonpoint source pollution from all sources including agriculture, forestry and urban sectors. A primary objective of the Subcommittee is to improve nonpoint source control programs and implementation of nutrient reduction strategies through technology transfer among jurisdictions and agencies. This is achieved in regular meetings of the Subcommittee and its work groups, and through special conferences and tours held at least annually.

The Subcommittee tracks results of nutrient reduction programs for planning and evaluation purposes. Through the Nutrient Reduction Task Force, it is involved in the development of data for the watershed model and for the reevaluation of the Nutrient Reduction Strategy.

A focus of Subcommittee activities is the Nonpoint Source Evaluation Panel's recommendation for enhancing the nonpoint source programs to achieve nutrient reduction goals. The Subcommittee is coordinating multi-jurisdictional responses to the Panel Report and to other reports developed as a part of the 1991 Reevaluation. Emphasis is given to cooperative development of nutrient reduction information, methods, techniques and programs.

Organization Chart



Nonpoint Source Subcommittee Membership

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Nonpoint Source Subcommittee Membership (Continued)

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Eric Jenkins
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WORKGROUPS AND TASK FORCES

Nutrient Reduction Task Force - The Nutrient Reduction Task Force (NRTF) is responsible for developing the Annual Progress Reports called for by the 1988 Baywide Nutrient Reduction Strategy, these reports address the annual milestones with the Strategy; represents the NPSS and the MARS (since June 1990) regarding NPS nutrient loads and reductions to be used within the watershed model, and provides the NPS perspective and information to the 1991 Re-evaluation Task Force.

Jim Cox, Chairman- VA DSWC
Elizabeth A. Casman - MD
Jim Collier - DC
Rodolfo Comacho - ICPRB
Mike Flagg - VA DSWC
Jim Hannawald - USDA, SCS

Veronica Kasi - PA DER
Lewis Linker - EPA, CBPO
Mike Permenter - USDA, SCS
Fred Samadani - MDA
Lynn R. Shuyler - EPA, CBPO
Bob Summers - MDE

Urban Workgroup - The Urban Workgroup coordinates urban nonpoint source research efforts and program implementation between Chesapeake Bay jurisdictions with the aim of meeting the goals of the "Chesapeake Bay 1987 Agreement" and the "1991 Re-Evaluation" and assisting in the implementation of the "1991 Action Agenda."

Objectives include the following:

- a. assist urban programs to reduce urban pollutants to include the 40% nutrient reduction goal.
- b. educate urban citizenry in environmental issues and generate interest in the Chesapeake Bay Program.
- c. support and promote research in innovative technologies on urban BMPs
- d. establish a repository to share information on urban sediment and stormwater issues.

Urban Workgroup (Continued)

- e. coordinate among the different Federal agencies and programs that impact urban nonpoint source control management.

Nonpoint Source Subcommittee Membership (Continued)

Durla Lathia, Chairman - PA
Susan Burke - VA DCR/DSWC
Molly Canon - MD

Timothy Karikari - DC DCRA
Lewis Linker - EPA, CBPO
Thomas Schueler - DC

Forestry Workgroup - The Chesapeake Bay Forestry Workgroup is responsible for the coordination and acceleration of forestry activities designed to help restore the health and productivity of the Chesapeake Bay watershed.

Objectives include the following:

- a. provide a contact point and liaison services with the forestry community, interested individuals and organizations, Federal, State and local governments and units, and the Chesapeake Bay Program standing committees;
- b. identify the needs for and collect and evaluate information that relates to establishing and maintaining forests and trees to improve aquatic and terrestrial environments associated with the Chesapeake Bay;
- c. seek and promote opportunities in urban, rural and developing areas for forestry to contribute to restoring, maintaining and enhancing the Chesapeake Bay's health and productivity;
- d. ensure that forestry information pertinent to the Chesapeake Bay area is available and distributed in useful form to individuals and organizations interested and/or involved in shaping and implementing public policy concerning the Chesapeake.

*John Barber, Chairman - VA
Sam Austin - VA FOR
Stan Bain - USDA, FS
Ann Bartuska - USDA, FS
Earl Bradley - MD FOR
Jill Cherpack - USDA, FS
*Dave Coffman - VA FOR
Jack Craven - USDA, FS
Jim Giltmier - Pinchot Institute
Michael Greason - NY FOR
*Dave Gregg - PA FOR
Morgan Grove - Yale Forestry
School, Baltimore Project
Lorie Herson - MWWOG FOR
Larry Hill - MD, SAF
*Jack Perdue - MD FOR
Dr. Bruce James - U of MD

*Sandra Hill - DC FOR
Gracie Joy - USDA, FS - DC
Alan Pigg - USDA, FS
Bud Reaves - MD FOR
Mary Ann Rozum - USDA, ES
Peter Rush - USDA, FS
Rich Shockey - USDA, SCS
Loney B. Stewart - USDA, U of MD
E.S. Liaison
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Karen Sykes - USDA, FS
David Tice - VA, Forestry Consultant
Charles Van Sickle - USDA, FS
David Welsch - USDA, FS
Nancy Willis - DE FOR
Philip Wygal - WV FOR
Wayne Zipperer - USDA, FS

*Steering Committee

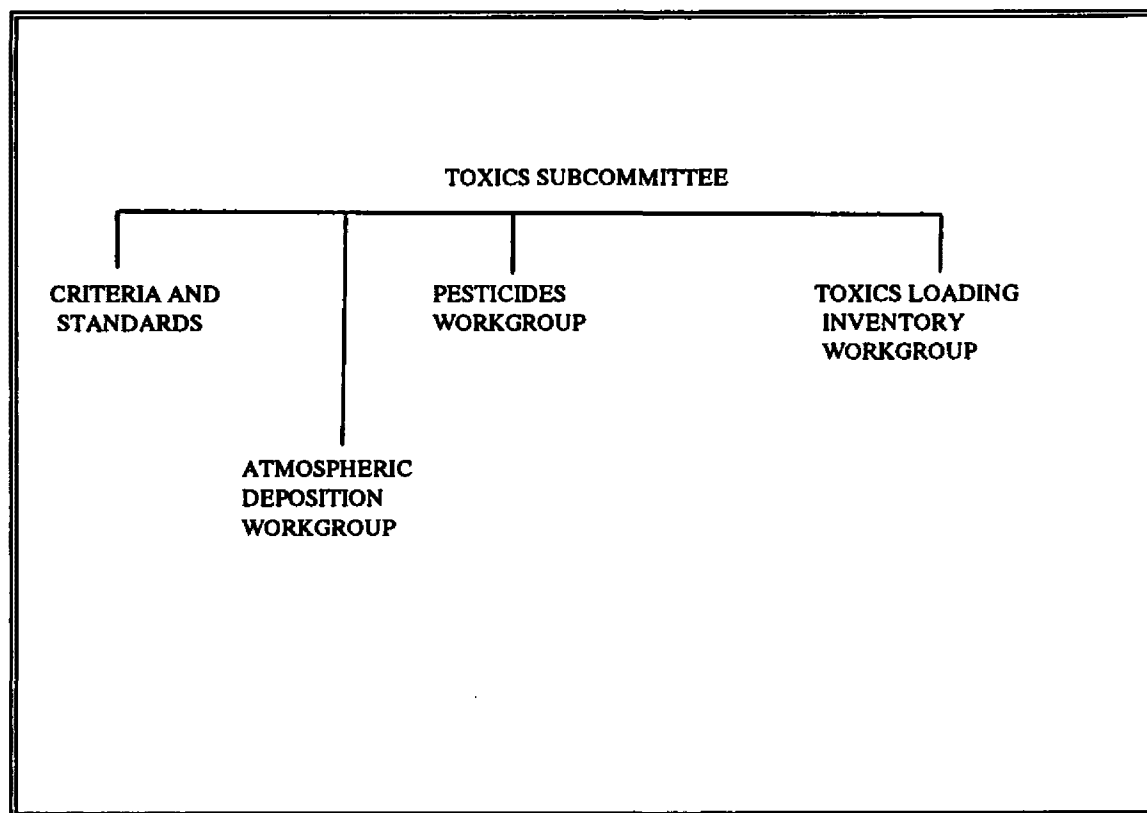
TOXICS SUBCOMMITTEE

Responsibilities

The Subcommittee is charged with implementing the Basinwide Toxics Reduction Strategy. The group is responsible for the interjurisdictional design, coordination, and implementation of ongoing, planned and future efforts to identify, assess and control existing sources of toxics, better understand the impacts of toxics on the Bay's living resources and human health, and prevent future sources of toxics from causing impacts on the Chesapeake Bay basin system.

The Toxic Subcommittee solicits the cooperation and involvement of other subcommittees and takes the lead in coordinating and implementing activities related to toxics which fall under the responsibilities of appropriate basinwide organizations and agencies.

Organization Chart



Toxics Subcommittee Membership

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Toxics Subcommittee Workgroups

Criteria and Standards Workgroup - This is a joint Workgroup with the Living Resources Subcommittee which is responsible for coordinating the development and promulgation of environmental quality federal criteria and state standards in support of the goals of the Chesapeake Bay restoration and protection program. The Workgroup has the lead for addressing the commitments and goals established under the 1987 Chesapeake Bay Agreement and the resultant commitment documents which directly involve development and adoption of water quality, sediment quality and biological criteria and standards for the Chesapeake Bay Basin, including development of the Chesapeake Bay Toxics of Concern List.

The Workgroup is responsible for ensuring that habitat requirements and restoration goals for the Chesapeake Bay living resources are fully considered in the development and adoption of future environmental quality standards (i.e. water, sediment) and future changes to use designations for all regions of the Bay basin.

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Ray Fritz - USFWS

Lenwood Hall - U of MD

Arthur Hart - Nat. Ag. Chem.

Assn.

Dr. Ian Hartwell - MD DNR

Lance Himmelburger - PA DER

Richard A. Jackson - DuPont

Barbara Kooser - CBF

Jessica Landman - NRDC

Alan Pollock - VA SWCB

William Rue - EA Engineering

Mary Ellen Setting- MDA

Toxics Subcommittee Membership (Continued)

Atmospheric Deposition Workgroup - The Toxic Subcommittee's Atmospheric Deposition Workgroup is responsible for assisting the Toxics Subcommittee in fulfilling its commitments outlined in the Chesapeake Bay Basinwide Toxics Reduction Strategy related to atmospheric deposition of toxics. These commitments include the coordination and development of methods and protocols to assess and manage the sources of atmospheric deposition of toxics and a resultant exchange of data and control technology information between agencies and institutions participating in the Chesapeake Bay Program.

Joel Baker, Chairman - U of MD
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Owen Bricker - USGS
Cathy Cameron - Amer.
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Tom Church - U of DE
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Dave Foerter - MWCOG
Glenn Gordon - U of MD
Gordon Kerby - VA Dept. of APC

Joe Kliment - DE DNREC
David Krask - DC DCRA
Jack McGrogan - PA DER
Paul Miller - MD DNR
Israel Milner - EPA
John Ondov - U of MD
Lisa Polyak - BG&E
Ann Powers - CBF
Robert Summers - MDE
Karl Weaver - MDE

Toxics Loading Inventory Workgroup - The primary responsibility of the Toxic Loading Workgroup is to develop a Chesapeake Bay Toxics Loading Inventory workplan in fulfillment of the commitment made in the Basinwide Toxic Reduction Strategy. Workgroup members are responsible for coordinating state input to address the various point and NPS toxic sources to be included in the inventory. The workgroup also coordinates state and EPA activities to meet the point source commitments made in the Basinwide Toxics Reduction Strategy.

Joseph Macknis, Chairman - EPA,
CBPO
Joel Baker - U of MD
Paul Gartelman - CoE
Ken Gilbreath - CoE
George Harmon - MDE
Steve Hughes - USCG
Cedric Karper - PA DER
George Kennedy - HRSD

John Kennedy - VA SWCB
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Norm LeBlanc - HRSD
Joseph Mendelson - CoE
Roland C. Steiner - ICPRB
Horatio Tablada - MDE
David Velinsky - ICPRB
Dale Wismer - EPA

Toxics Subcommittee Membership (Continued)

Pesticides Workgroup - This is a joint workgroup for both the Toxics and Nonpoint Subcommittees. The workgroup is responsible for implementing the pesticide commitments within the Chesapeake Bay Basinwide Toxics Reduction Strategy. These commitments include: completing a basinwide pesticide use survey, developing Integrated Pest Management (IPM) and Best Management Practice (BMP) pesticide programs, overseeing the development of the Pesticide Index and Registry, analyzing data from demonstration watershed studies and recommending pesticides for inclusion in Baywide monitoring programs.

David Bingaman, Chairman- PA
DoA

Mary Ellen Setting, Vice-Chair -
MDA

Karl Blankenship - ACB

Amy Brown - U of MD ES

William Browning - VA DSWC

Ray Fritz - FWS

Mark Greenleaf - DC DCRA

Jim Hannawald - USDA, SCS

Arthur Hart - Nat. Ag. Chem. Assn.

Clay Jones - CBC

Dr. Marvin Lawson - VA DoAg.

Donald Lott - EPA

Dr. Mark Melancon - FWS

Cindy Puffer - Resources for the Future

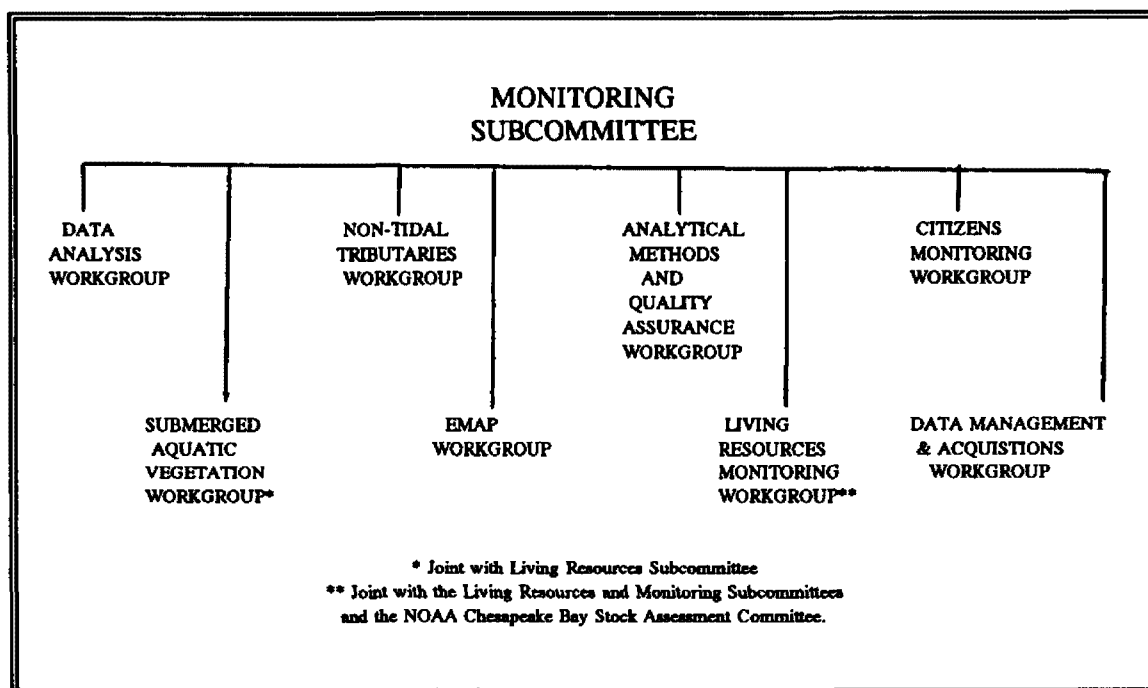
Lorie Roeser - EPA, CBPO

MONITORING SUBCOMMITTEE

Responsibilities

The Subcommittee coordinates multi-jurisdictional efforts to monitor the Chesapeake Bay basin system, to manage and ensure continued accessibility of the resultant environmental data and to promote multi-disciplinary interpretation and reporting of the data on a jurisdiction and Program-wide basis. The Subcommittee oversees implementation of new and innovative monitoring programs (water quality, living resources, toxics and ecosystem processes) and techniques. It reevaluates existing programs to ensure that environmental data necessary to support implementation of a comprehensive quality assurance program (as part of components of the various monitoring programs) are collected. Emphasis is placed on ensuring collection and management of comparable environmental data of known quality through continued communication and transfer of technologies between the agencies and institutions involved in the Chesapeake Bay Monitoring Program. Analysis and integration of the monitoring data collected and compiled through the Chesapeake Bay monitoring program provides valuable information to management.

Organization Chart



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Lacy Williams

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WORKGROUPS

Data Analysis Workgroup - The Subcommittee's Data Analysis Workgroup is responsible for coordinating multi-agency data analysis, interpretation and reporting of results from the Chesapeake Bay Monitoring Program. The workgroup is directly responsible for the publication of the biennial State for the Chesapeake Bay report.

Robert Magnien, Chairman - MDE
Raymond Alden - ODU
Richard Batiuk - EPA, CBPO
Susan Bruenemeister - CSC
Carlton Haywood - ICPRB
Frederick Hoffman - VASWCB

Jerry Hollowell - SRBC
Steve Jordan - MD DNR
Hamid Karimi - DC DCRA
Joseph Macknis - EPA, CBPO
Joseph Mihursky - STAC
James Shell - MWCOG

Monitoring Subcommittee Membership (Continued)

Submerged Aquatic Vegetation Workgroup - This Workgroup developed a submerged aquatic vegetation policy and strategy for implementation pursuant to the 1987 Chesapeake Bay Agreement requirement to restore, enhance, protect and manage submerged aquatic vegetation. It coordinates all technical activities associated with the annual Baywide submerged aquatic vegetation aerial distribution survey program and the related annual state and Baywide citizens submerged vegetation ground survey programs.

Linda Hurley-Kelsey, Chairman -
USFWS
Richard Batiuk - EPA, CBPO
Giselle Bernstein - MW COG
Robert Blama - CoE
David Bleil - MD DNR
Virginia Carter - USGS
James D. Cummins - ICPRB
Bill Dennison - U of MD
Tim Goodger - NOAA/NMFS

Jeff Hatfield - USFWS
Stan Kollar - Hartford Com. College
Jay Lipscomb - VMRC
Ken Moore - VIMS
Robert J. Orth - VIMS
Christina Pompa - CBF
Nancy Rybicki - USGS
Court Stevenson - U of MD

Nontidal Tributaries Workgroup - The Workgroup provides an oversight role in the continuing effort to integrate monitoring programs above the fall-line in the Bay's watersheds with the tidal monitoring programs. The workgroup coordinates the comparison of field and laboratory procedures and data analysis approaches among the various non-tidal monitoring programs.

David Grason - USGS
Thomas Grizzard - VPI & SU
Frederick Hoffman - VA SWCB
Hamid Karimi - DC DCRA
Joseph Macknis - EPA

Scott Phillips - USGS
James Shell - DC COG
Richard Shertzer - PA DER
Robert Summers - MDE
Linda Zynjuk - USGS

Data Management and Acquisition Workgroup - This workgroup currently operates as an ad hoc workgroup with no updated charge or membership available at this time.

Robert Stone, Chairman

Monitoring Subcommittee Membership (Continued)

Analytical Methods and Quality Assurance Workgroup - The Workgroup members are technical advisors to the Subcommittee concerning field and analytical methodological and quality assurance issues. The workgroup provides a forum for exchange of technical information focused on moving towards standardization of methods/use of comparable methods throughout the Chesapeake Bay Monitoring Program.

Claudia Walters, Co-Chairman -
EPA, CBPO
Bruce Neilson, Co-Chairman VIMS
Peter Bergstrom - CSC, CBPO
Sheila Besse - DC DCRA
Alvin Bober - MDE
Sally Bowen - MDE
Camille Cook - VA SWCB
Brenda Feit Towson - USGS
Thomas Grizzard - VPI&SU/OWML
Frederick Hoffman - VA SWCB

Carolyn Keefe - U of MD/CB
Sherry Lacy - VA DCLS
Joseph Macknis - EPA
Bruce Michael - MDE
Tim Payne - MD DHMH
Norma Roadcap - VA DCLS
Betty Salley - VIMS
Lynn Schaffer - PA DER
Paul Slunt - MDE
Steve Sokolowski - ODU

Citizens Monitoring Workgroup - The Workgroup advises the Citizens Monitoring coordinator (Alliance for Chesapeake Bay staff) in design, quality assurance and implementation of the Citizens Monitoring Program for the Chesapeake Bay Program.

Kathy Ellett, Chairman - ACB
Susan Bruenenmeister - CSC
Frederick Hoffman - VA SWCB
Linda Hurlet - USFWS
Steve Jordan - MD DNR
Stuart Lehm - MD DNR

Joseph Macknis - EPA, CBPO
Robert Magnien - MDE
Billy Mills - ACB
Ken Mountford - EPA, CBPO
Bruce Nielson - VIMS
Kathy Reshetiloff - USFWS
Claudia Walters - EPA, CBPO

Monitoring Subcommittee Membership (Continued)

Living Resources Monitoring Workgroup - The Subcommittee's Living Resources Monitoring Workgroup (joint Workgroup with the Living Resources Subcommittee) is charged with responsibility for implementing the Chesapeake Bay Living Resources Monitoring Plan. The workgroup is responsible for improving coordination between living resources, toxics, and water quality monitoring programs and for determining how monitoring can best be used to reflect changes in living resource populations and communities in response to Bay management actions. It also reports results of living resources monitoring and, with the Monitoring Subcommittee, investigates the relationships between water quality, biological data and habitat characteristics.

Steve Jordan, Chairman -MD DNR
Richard Batiuk - EPA, CBPO
Carin Bisland - EPA, CBPO
Chris Bonzek - VIMS
Dr. Denise Breitburg - Nat'l.
Acad. Sci.
Steve Early - MD DNR
Frederick Hoffman - VA SWCB

Dr. Edward Houde - CBL
Dan Jacobs - U of MD
Joseph Macknis - EPA, CBPO
Dr. Robert Magnien - MDE
Jim Uphoff - MD DNR

Chesapeake Bay EMAP Workgroup - The Workgroup coordinates monitoring efforts conducted under EMAP with the Chesapeake Bay Program. It seeks to insure that the objectives of these programs are supporting and complimentary and as well as works toward the discussion and interchange of sampling results.

Debra J. Trent, Chairman - VA
SWCB
Tom An - MWCOG
Ben Anderson - DE DNR&EC
Frederick Hoffman - VA SWCB
Joe Macknis - EPA, CBPO
Rob Magnien - MDE

Kent Mountford - EPA/CBPO
Bruce Neilson - VIMS
Marcia Olson - CSC/CBPO
John Paul - EPA/ERL
Steve Schimmel - EPA/ERL
Claudia Walters - EPA/CBPO
Steve Weisburg - Versar

MODELING SUBCOMMITTEE

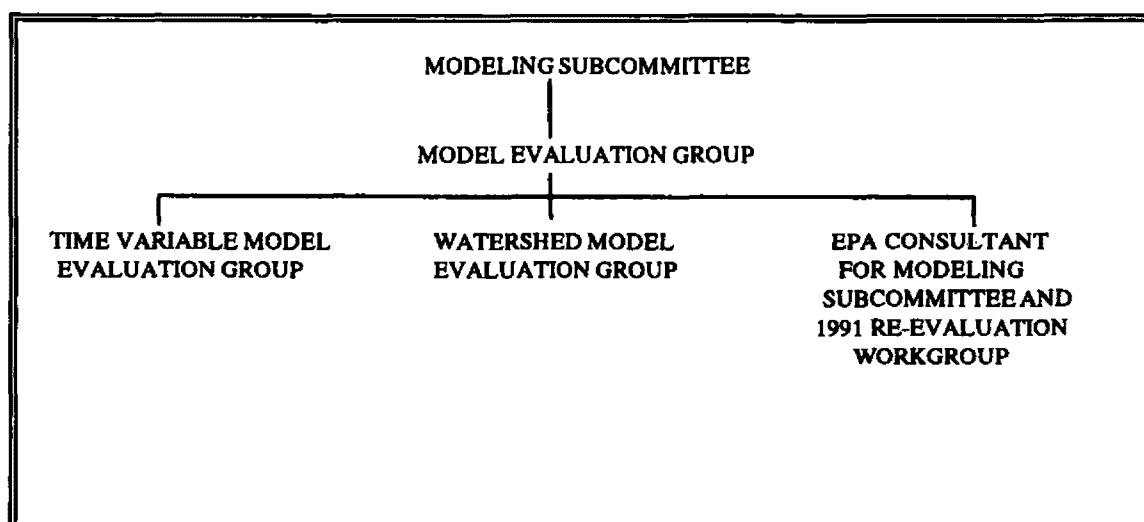
Responsibilities

The Modeling Subcommittee ensures that appropriate and technically defensible modeling tools are available to the Chesapeake Bay Program. These models, (1) assist in understanding the important processes affecting Bay water quality, and (2) provide estimates of the expected water quality response to proposed control actions (e.g. point and nonpoint source controls) under present and future conditions.

To achieve this purpose, the Subcommittee oversees all aspects of model development including project scope, data requirements, and contractor selection, as well as subsequent model application to address relevant management issues. The Subcommittee assures coordination among Chesapeake Bay Program participants on modeling and related activities necessary for achievement of Bay Program goals.

The Modeling Subcommittee coordinates activities most frequently with the Living Resources Subcommittee, the Nonpoint Source Subcommittee, the Monitoring Subcommittee, and the Scientific and Technical Advisory Committee (STAC). Coordination with other Chesapeake Bay Program subcommittee is accomplished by having select members of other subcommittees actively involved in the Modeling Subcommittee. Coordination with STAC is enhanced by having the STAC modeling liaison as a Modeling Subcommittee member. The Modeling Subcommittee is supported by the Model Evaluation Group (MEG), a nationally recognized panel of experts who provide scientific and technical modeling advice to the Subcommittee. The MEG meets jointly with the Modeling Subcommittee approximately four times a year to review progress on development of the Bay and Watershed models.

Organization Chart



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Paul Welle

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SUBGROUP

Model Evaluation Group - The Model Evaluation Group (MEG) is a nationally recognized panel of water quality planning and modeling experts who provide scientific and technical modeling advice to the Modeling Subcommittee. The MEG meets jointly with the Subcommittee approximately four times a year to review progress on development of the Bay and Watershed models. MEG reviews technical aspects of the model work plans, work in progress, planned activities, and model output. MEG comments and recommendations are provided to the Modeling Subcommittee both verbally and through written reports.

Time Variable Model Evaluation Group

Dr. Donald Harleman - MA Institute of Technology
Dr. Jay L. Taft - Harvard University
Dr. Wu-Seng Lung - University of Virginia

Modeling Subcommittee Membership (Continued)

Watershed Model Evaluation Group

Thomas Barnwell - US EPA, Environmental Research Laboratory
Dr. Alan Lumb - USGS, Reston

EPA Consultant for Modeling Subcommittee and 1991 Reevaluation Workgroup

Dr. Robert V. Thomann - Manhattan College

LIVING RESOURCES SUBCOMMITTEE

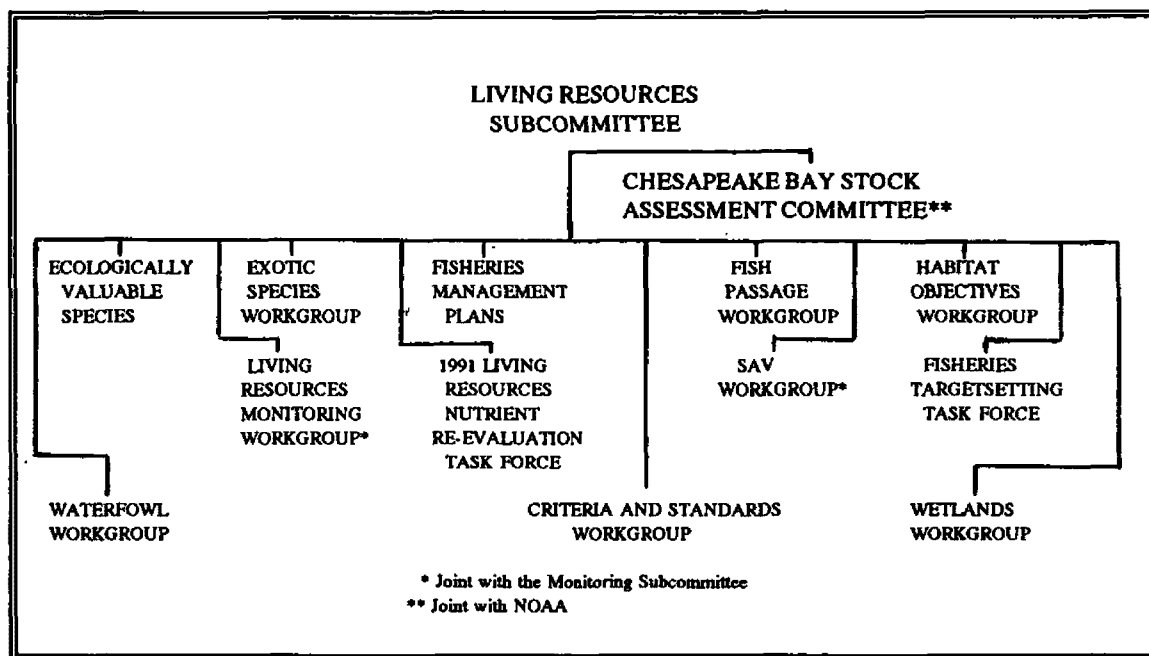
Responsibilities

The 1987 Chesapeake Bay Agreement states: "The productivity, diversity and abundance of living resources are the best ultimate measures of the Chesapeake Bay's condition. These living resources are the main focus of the restoration and protection effort."

To accomplish this goal the Living Resources Subcommittee is charged to:

- o Develop and implement the Living Resources Component of the 1987 Chesapeake Bay Agreement.
- o Facilitate a cooperative management and research approach to the restoration and protection of Chesapeake Bay Living Resources.
- o Develop policies, strategies or plans to protect and restore existing and former habitats, ecological relationships and species distribution and abundance.

Organization Chart



Living Resources Subcommittee Membership (Continued)

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Living Resources Subcommittee Membership (Continued)

WORKGROUPS AND TASK FORCES

Ecologically Valuable Species Workgroup - To develop an overall ecologically-based management strategy for the Chesapeake Bay.

Steve Jordan, Chairman - MD DNR
Richard Batiuk - EPA, CBPO
Steve Bieber - MDE
Carin Bisland - EPA, CBPO
Denise Breitburg - Philadelphia
Academy of Natural Sciences,
BERL
Claire Buchanan - ICPRB
Steve Funderburk - USFWS

Jerone Gerritsen - Versar
Larry Minock - VA COE
Ed Pendleton, USFWS
Ananda Ranasinghe - Versar
Bill Richkus - Versar
Joe Serafy - U of MD
Jim Uphoff - MD DNR
Rebecca Wajda - VA DGIF

EXPERT PANEL

Dr. Findlay - NY Botanical Garden
Dr. Reckhow - Duke U.

Dr. Rice - NCSU
Dr. Van Winkle - Oak Ridge

Exotic Species Workgroup - To develop a strategy to manage exotic species.

Joseph Hoffman, Chairman - PA DER
* Membership currently being developed

Fisheries Management Plans Workgroup - To develop Baywide fishery management plans that protect and restore commercial, recreational, and selected ecologically valuable finfish and shellfish stocks to meet the goal of the Living Resources component of the 1987 Chesapeake Bay Agreement.

Pete Jensen, Chairman - MD DNR
Mark Bundy - MD DNR
K. A. Carpenter - Potomac River
Fisheries Commission
Jeffrey S. Eutsler - MD Waterman
William Goldsborough - CBF
J. W. Gunther - VA Waterman
Edward Houde - CBL
Linda Hurley-Kelsey - USFWS
Roman Jesien - Horn Point Env.
Lab
J. Claiborne Jones - CBC
Ron Klauda - MD DNR
Dr. Robert Lippson - NOAA
Charles F. Lovell, Jr. - VA

Vincent A. Mudrak - PA Fish & Boat
Commission
Richard Novotny - MD Saltwater
Sportsmen's Association
Ed O'Brien - MD Charterboat
Association
Ira Palmer - DC DCRA
James W. Sheffield - Atlantic Coast
Conservation Assoc. of VA
Larry Simns - MD Watermen's
Association
Jack Travelstead - VA Marine
Resources Commission
Mary Roe Walkup - CAC

Living Resources Subcommittee Membership (Continued)

Fish Passage Workgroup - To develop a strategy for providing fish passage at dams and removal of stream blockages wherever necessary to restore passage for migratory fishes as required in the 1987 Chesapeake Bay Agreement.

David Whitehurst, Chairman -
VA DGIF
Rupert Bonner - USFWS
Ed Christoffers - NOAA
William Goldsborough - CBF
Linda Hurley-Kelsey - USFWS
J. Claiborne Jones - CBC
Robert Kelsey - USFWS

Howard King - MD DNR
Vincent Mudrak - PA Fish & Boat
Commission
Jay O'Dell - MD DNR
Ira Palmer - DC DCRA
Collin Powers - VA COE

Habitat Objectives Workgroup - To develop and maintain guidelines for the protection of water quality and habitat conditions necessary to support living resources found in the Chesapeake Bay, and to use these guidelines in the implementation of water quality and habitat protection programs as required by the 1987 Chesapeake Bay Agreement.

Steve Funderburk, Chair - USFWS
Richard Batiuk - EPA, CBPO
Peter Bergstrom, - CSC, CBPO
Carin Bisland - EPA, CBPO
Earl Bradley - MD DNR
Claire Buchanan - ICPRB
Mark Bundy - MD DNR
Steven Carter-Lovejoy - VA DGIF
Ed Christoffers - NOAA
Mary Jo Garreis - MDE
Linda Hurley-Kelsey - USFWS

Steve Jordan - MD DNR
Roger Lehman - PA Game
Commission
Lynda Liptrap - CSC, CBPO
Gail MacKiernan - MD Sea Grant
Kent Mountford - EPA, CBPO
Cynthia Stenger - MD DNR
Court Stevenson - U of MD
JoAnn Watson - MDE
Lee Zeni - ICPRB

Monitoring Workgroup - To develop, adopt, and begin to implement a Baywide plan for the monitoring of commercially, recreationally, and selected ecologically valuable species as required by the 1987 Chesapeake Bay Agreement.

Steve Jordan, Chairman - MD DNR
Richard Batiuk - EPA, CBPO
Denise Breitburg - Philadelphia
Academy of Natural Sciences -
BERL
Steve Earley - MD DNR
Frederick Hoffman - VA SWCB
Edward Houde - CBL

Dan Jacobs - U of MD
Robert Magnien - MDE
Jack Musick - VIMS
Jim Uphoff - MD DNR
Rebecca Wajda - VA DGIF
Lee Zeni - ICPRB

Living Resources Subcommittee Membership (Continued)

1991 Living Resources/Nutrient Re-evaluation Task Force - To integrate the Living Resources Habitat Requirements information including SAV into the 1991 Re-evaluation, and to establish tributary specific living resources habitat goal.

Michael Hirshfield, Chairman - CBF
Richard Batiuk - EPA, CBPO
Steve Bieber - MDE
Peter Bergstrom - CSC, CBPO
Mark Bundy - MD DNR
Ed Christoffers - NOAA

Robert Diaz - VIMS
Steve Funderburk - USFWS
J. Claiborne Jones - CBC
Steve Jordan - MD DNR
Kent Mountford - EPA, CBPO
Lee Zeni - ICPRB

SAV Technical Workgroup - To develop a submerged aquatic vegetation policy and strategy for implementation pursuant to the 1987 Chesapeake Bay Agreement requirement to restore, enhance, protect, and manage submerged aquatic vegetation.

Linda Hurley-Kelsey, Chairman -
USFWS
Richard Batiuk - EPA, CBPO
Giselle Bernstein - MWCOG
Robert Blama - CoE
David Bleil - MD DNR
Virginia Carter - USGS
Gary Constanzo - VA DGIF
James Cummins - ICPRB
Bill Dennison - U of MD
Tim Goodger - NOAA, NMFS
Jeff Hatfield - USFWS

Stan Kollar - Harford Community
College
Jay Lipscomb - VA Marine
Resources Commission
Ken Moore - VIMS
Robert Orth - VIMS
Christina Pompa - CBF
Rob Ray - VA SWCB
Nancy Rybicki - USGS
Court Stevenson - U of MD

Fisheries Target Setting Task Force - To establish a process for developing target population dynamics parameter estimates for Chesapeake Bay fishery stocks covered by Chesapeake Executive Council Fishery Management Plans and to establish those targets.

Christopher Bonzek, Chairman -
VIMS
Erick Barth - VA Marine Resource
Commission

Nancy Butowski - MD DNR
William Goldsborough - CBF
J. Claiborne Jones - CBC
Louis Rugolo - MD DNR

Living Resources Subcommittee Membership (Continued)

Waterfowl Workgroup - To carry out the Waterfowl Policy of the Chesapeake Executive Council through implementation of the Waterfowl Management Plan.

Doug Forsell, Chairman - USFWS
John Dunn - PA Game Commission
Dick Dyer - USFWS
John Gill - USFWS
Mike Haramis - USFWS
Fred Hartman - PA Game
Commission
Bill Harvey - MD DNR

Larry Hindman - MD DNR
Dick Jachowski - USFWS
Dennis Jorde - USFWS
Dave Krementz - USFWS
Hal Laskowski - USFWS
Pete Poulos - USFWS
Jerry Serie - USFWS
Fax Settle - VA DGIF

Wetlands Workgroup - To develop the Chesapeake Bay Wetlands Policy in order to guide the development and implementation of a comprehensive strategy for the protection and management of all wetlands within the Chesapeake Bay watershed as required by the 1987 Chesapeake Bay Agreement.

Ed Christoffers, Chairman - NOAA
Kathi Bangert - USFWS
Tom Barnard - VIMS
Carin Bisland - EPA, CBPO
Bill Burgess - MD DNR
David Burke - MD DNR
Steve Capel - VA DGIF
David Correll - Smithsonian
Environmental Research Center
Karen Craven - CoE
Barbara D'Angelo - EPA
Frank Dawson - MD DNR
Diane Eckles - USFWS
Roger Fickes - PA DER
Tom Filip - CoE
Mike Flagg - VA DCR
Steve Funderburk - USFWS
Tim Goodger - NOAA
Carl Hershner - VIMS

Eric Jenkins - LGAC
Fran Koch - PA DER
Larry Lower - CoE
Pam Mason - VIMS
Vivian Newman - MD Wetlands
Committee
Ed Pendleton - USFWS
Michael Permenter - USDA, SCS
Walter Pomeroy - CAC
Ann Powers - CBF
Collin Powers - VA COE
Ken Reisinger - PA DER
Ann Pesiri Swanson - CBC
JoAnn Watson - MDE
Jeani Watts - CBF
Ben Williams - DC
Bruce Williams - CoE
John Wolflin - USFWS

Living Resources Subcommittee Membership (Continued)

Criteria and Standards Workgroup - Joint with the Toxics Subcommittee, to coordinate implementation of Basinwide Toxics Reduction Strategy Commitments, encourage uniform water quality criteria and standards among Bay jurisdictions, address living resources habitat requirements.

Mary Jo Garreis, Chairman - MDE
Kathleen Bartholomew - CBF
Richard Batiuk - EPA, CBPO
James Collier - DC DCRA
Ray Fritz - USFWS
Lenwood Hall - U of MD
Arthur T. Hart - NACA
Ian Hartwell - MD DNR
Lance Himmelberger - PA DER
Richard A. Jackson - E. I. Dupont
De Nenours and Company, Inc.

Barbara Kooser - CBF
Jessica Landman - Natural Resources
Defense Council
Alan Pollock - VA SWCB
William Rue - E. A. Engineering,
Science and Technical, Inc.
Mary Ellen Setting - MDA
James Ulanoski - PA DER

PUBLIC ACCESS SUBCOMMITTEE

Responsibilities

The Public Access Subcommittee is an outgrowth of the group established to meet the commitments of the Public Access portion of the 1987 Chesapeake Bay Agreement: developing an inventory, strategy and guide to access.

The Subcommittee's remaining tasks are to implement the Public Access Strategy, and to develop a plan to target state and federal actions to secure additional tidal shorefront acres by December, 1990.

Public Access Subcommittee Membership

John Davy, Chairman

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Chief, Division of Engineering & Technical
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Vacant

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Implementation Committee

POPULATION GROWTH AND DEVELOPMENT SUBCOMMITTEE

Responsibilities

The Subcommittee is responsible for all aspects of the program concerned with population growth and development. It is responsible for reviewing the implementation of the Development Policies and Guidelines, the Technical Assistance and Incentives to Local Governments, and the Year 2020 Panel's Report. The Subcommittee coordinates with the Nonpoint Source and Living Resources Subcommittees, and other Agreement groups on tasks related to the resource inventory and mapping strategy, education, and other programs surrounding population growth and development.

Population Growth and Development Subcommittee Membership

Keith J. Buttleman, Chairman
Administrator
VA Council on the Environment
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Ann DeWitt Brooks
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Eric Jenkins
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Population Growth and Development Subcommittee Membership (Continued)

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Cecily Majerus

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Implementation Committee

COMMUNICATIONS SUBCOMMITTEE

Responsibilities

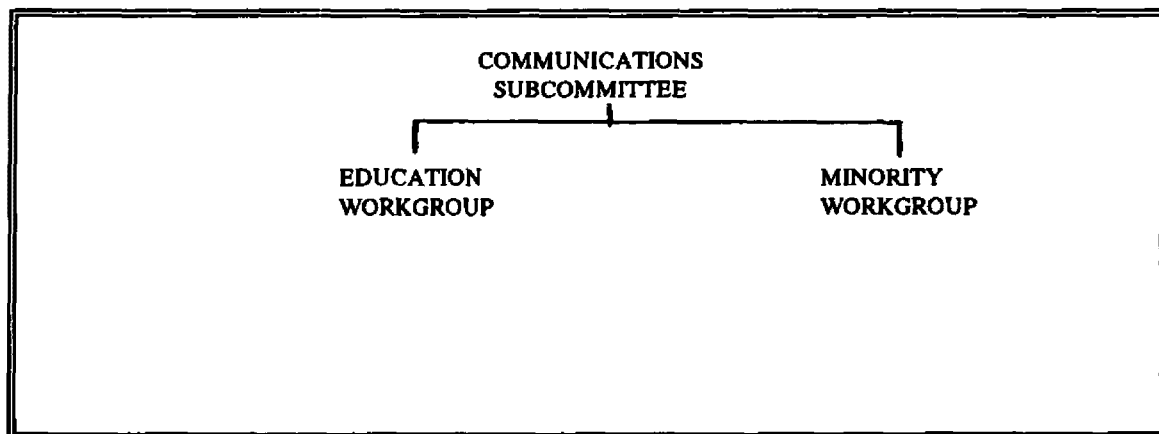
The Communications Subcommittee (CS) is responsible for: (1) building public understanding and support of the Chesapeake Bay system and the restoration efforts undertaken pursuant to the 1987 Agreement and (2) coordinating the implementation of the Agreement's public information, education and participation commitments, including public review of commitment documents. The Subcommittee is organizing two workgroups: an Education Workgroup, and a Minority Workgroup.

The Communications Subcommittee seeks to build public awareness of the Bay through a comprehensive communications effort that includes media outreach, developing and distributing educational and informational materials, promoting Bay-related special events, and facilitating citizen involvement in Bay education and restoration projects.

Coordination efforts focus on articulating and publicizing the information generated by the Chesapeake Bay Program to ensure that useful and timely information reaches appropriate audiences throughout the Chesapeake Bay watershed. The Subcommittee also serves in an advisory capacity to the various bay program subcommittees, advisory committees and work groups in the development and distribution of their public outreach materials.

The Subcommittee's activities are conducted within the framework of the Principals' Staff Committee desire for higher public recognition of the Bay Program as well as publicizing of bay accomplishments. The communication action plan is revised as necessary to reflect current Chesapeake Bay Program issues.

Organization Chart



Communications Subcommittee Membership

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William W. Toffel
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Communications Subcommittee Membership (Continued)

WORKGROUPS

Education Workgroup - The Education workgroup of the Chesapeake Bay Communications Program is tasked with the development and implementation of educational programs for children and adults that can benefit the public educational goals of the Chesapeake Bay Program. The workgroup is responsible for the distribution of educational materials to targeted bay interest groups and population target groups.

Kathi Bangert, Chairman - USFWS
Beverly Bandler - ICPRB
Carole Ann Barth - ACB
James Butler - DC DCRA
Jill Cherpack - USFS
Edwina Coder - CAC
Pat Devlin - PA Bay Educ. Office
Kathleen Diehl - SCS
Frances Flanigan - ACB
Matt Gay - USFWS
Gary Heath - MDE
Eric Jenkins - LGAC

Michael Jennings - NPS
Barbara Castle Johnson - MDE
Lee Lawrence - VIMS
C. Thomas McCully - EPA, CBPO
Steve Nelson - CRC
Seamus O'Boyle - USN
Ann Regn - VA COE
Jill Reichert - MD DNR
Helene Tenner - MD DNR
Lorraine Urbiet - EPA
Elizabeth Watkins - NOAA, NMFS

Minority Workgroup - Objectives and goals include: 1) increase professional opportunities in the CBP for minorities; 2) increase education and outreach efforts; 3) establish CBP minority benchmarks as a basis for developing effective minority involvement efforts and measuring progress; 4) institutionalize minority participation in the CBP through pro-active efforts by the various agencies, organizations and institutions, i.e., foster a sense of responsibility among CBP partners for various components of a minority involvement action plan or strategy; 5) insure that all Bay Program communications have both relevance and appeal to the minority communities found within the watershed; and 6) increase the participation of minorities and women in the CBP to ensure appropriate representation of all Bay population segments.

Ann DeWitt Brooks - VA COE
Mark Bundy - MD DNR
Lucenia Dunn - DC DCRA
Kathy Ellett - ACB
James Hannaham - DC WRRRC
Eliza Niemann - CBF
Mike Permenter - USDA, SCS

Martha Roark - MD
Charles S. Spooner - EPA, CBPO
Loney Stewart - USDA
Evelyn Strand - CBF
Lacy Williams - CSC, CBPO

*** PA is in the process of designating individuals for this workgroup.**

FEDERAL AGENCIES COMMITTEE

Responsibilities

The Federal Agencies Committee (FAC) was established by the Environmental Protection Agency in 1984. The FAC is composed primarily of representatives of federal agencies whose missions impact the water quality or living resources of the Bay. The FAC represents the Environmental Protection Agency (chair), the Department of Defense (including Navy, Army, and Marine Corps), the National Oceanic and Atmospheric Administration, the Department of the Interior (including the National Park Service, the Fish and Wildlife Service, and the Geological Survey), the Department of Agriculture (including the Soil Conservation Service, the Forest Service, and the Agricultural Stabilization and Conservation Service, and the Department of Transportation (including the Federal Highway Administration and the Coast Guard).

The FAC is responsible for assisting EPA to comply with the Federal Bay Agreement commitments and their updates, including the Federal Facilities Strategy and the Federal Work Plan. In addition, the FAC provides a forum for information exchange among the federal agencies on programs that affect the Bay. It acts as an Advisory Committee to the Implementation Committee on matters of mutual interest among the states and the federal government.

Federal Agencies Committee Membership

William Matuszeski, Chairman
Director, Chesapeake Bay Program Office
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or
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Michael Doherty
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Washington, DC 20380-0001
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James R. Edward
Office of Pollution Prevention
US EPA
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Washington, DC 20460
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Herbert Freiburger
Area Assistant Regional Hydrologist
US Geological Survey
Water Research Division
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Towson, MD 21204
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Federal Agencies Committee Membership (Continued)

Ray Fritz

US Fish & Wildlife Service
Chesapeake Bay Estuary Program
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Robert Gatz

Federal Highway Administration
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James Hannaham

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James Richardson

State Executive Director
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Federal Agencies Committee Membership (Continued)

Capt. Robert L. Storch
Chief, Marine Safety Division
5th Coast Guard District
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Lawrence A. Teller
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Mary Roe Walkup
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(Vacant)
USDA Forest Service
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NOAA POLICY ADVISORY COMMITTEE

Responsibilities

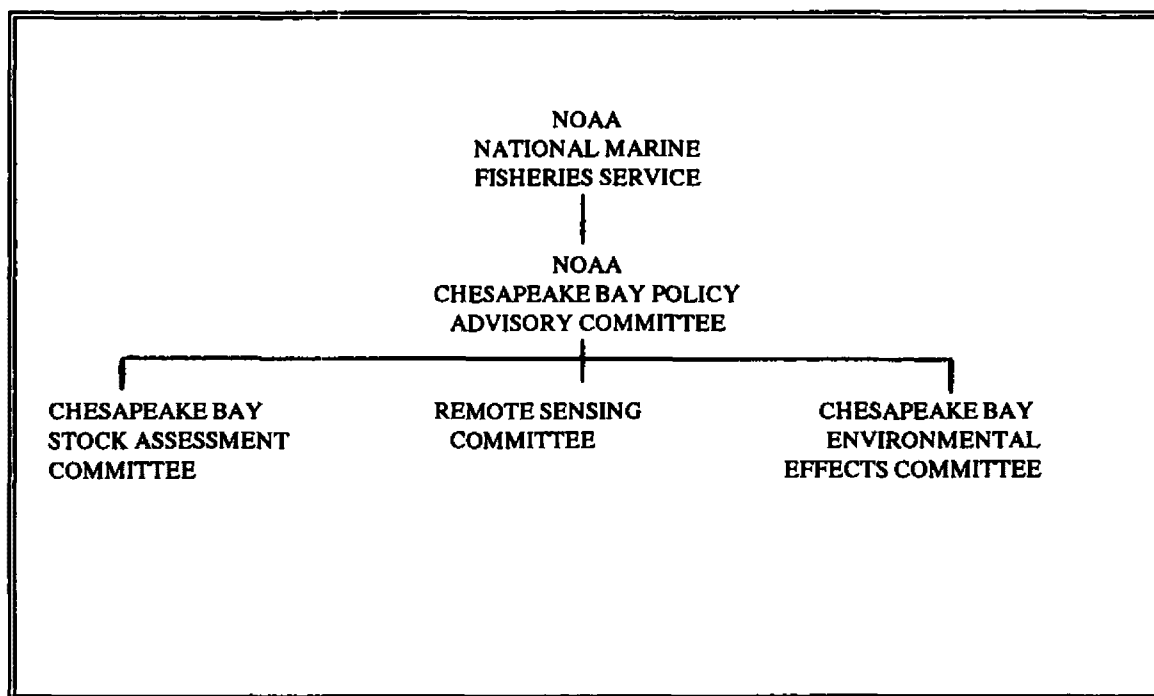
The goal of the NOAA Chesapeake Bay Policy Advisory Committee (NOPAC) is to help develop a unified NOAA Chesapeake Bay Program to improve the health, diversity and abundance of the Bay's living resources and their requisite habitats.

The three major activities; stock assessment, toxics, and Coastwatch, that currently comprise the NOAA Program must be integrated as much as possible to produce a coherent plan of action for the development of information required by resource managers.

NOPAC is an advisory body; funding and major policy decisions are made by the Regional Director (NMFS/NER) or his delegate after receiving recommendations from the NOAA/NMFS Chesapeake Bay Program Manager.

NOPAC can provide useful guidance by extending a strategy for cooperation and interaction between the agencies within NOAA, including programs and activities in coastal and estuarine research and assessment, fisheries research, data management, coastal management and habitat conservation.

Organization Chart



NOAA Policy Advisory Committee Membership

Dr. Robert Lippson, Chairman
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Jack Travelstead

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Subcommittees & Workgroups

Chesapeake Bay Environmental Effects Committee - This committee was established in 1988 and is administered by NOAA's National Marine Fisheries Northeast Region Office to provide Bay-wide guidance on the use of its Chesapeake Bay funds that are allocated for research on environmental effects. These funds have been used for a five-year study on processes and effects of oxygen depletion in the Bay. Beginning in FY'90, the Committee will establish annual research priorities on ecosystem processes controlling toxic chemical transport, fate, and effects in the Chesapeake Bay. The Committee is responsible for developing annual requests for proposals, reviewing external peer reviews, selecting proposals for funding by the NOAA National Sea Grant College Program, and for translating scientific findings for Bay managers through periodic workshops and synthesis publications. The Maryland and Virginia Sea Grant College Programs administer the research grants.

The Committee works closely with the Scientific and Technical Advisory Committee and the Toxics Subcommittee and the Living Resources Subcommittee. The 1989 Toxics Research Prioritization, developed by the Research Planning Committee in response to the Bay-wide Toxics Reduction Strategy, formed the basis for initial priorities for the toxics research program. The series of toxics workshops conducted under the auspices of STAC/CRC in 1990 has provided the basis upon which research priorities for the 1992 studies of transport, fate and effects of toxics upon the Bay ecosystem were developed. The Committee anticipates that EPA Chesapeake Bay Program toxics research funds will be passed through to NOAA to supplement NOAA funds for this toxics research.

William Rickards, Chairman - UVA
Richard Batiuk - EPA, CBPO
Chris D'Elia - U of MD
William Graham - NOAA
Barbara Harper - PA DER

Ian Hartwell - MD DNR
Dr. Robert Lippson - NOAA, NMFS
Gail Mackiernan - U of MD
Alan Pollock - VA SWCB

NOAA Policy Advisory Committee Membership (Continued)

Stock Assessment Committee - The 1987 Chesapeake Bay Agreement required the development of a compatible Baywide stock assessment program, and, "by July, 1988, to develop, adopt and begin to implement a Baywide plan for the assessment of commercially, recreationally, and ecologically selected valuable species."

The Chesapeake Bay Stock Assessment Committee, a NOAA group, developed the Baywide plan and now assesses Baywide fisheries resources and identifies outstanding data needs for stock assessment models for Bay fisheries. Recommendations include improved ways to collect catch, effort, and biological data from commercial and recreational landings, in addition to long-term surveys for estimating relative abundance of importance species in all regions of the Bay and its tributaries. The Committee supports studies designed to estimate the relative influence of fishing mortality, natural mortality, pollution, and habitat modification on patterns and trends in abundance. This Committee drafted the Chesapeake Bay Stock Plan, adopted in July, 1988. In 1989, a new Policy Board was established to provide oversight, direction, and accountability to the main Committee.

Dr. Edward Christoffers, Chairman -
Policy Board - NOAA, NMFS
Dr. Louis Rugolo, Chairman -
Technical Committee - NOAA, NMFS
Kirby Carpenter - PRFC
Clay Jones - CBC

Dr. Paul Massicot - MD DNR
Harold C. Mears - MA
Dr. Joseph Mihursky - CRC
Ira F. Palmer - DC
Paul Perra - ASMFC
Jack G. Travelstead - VA MRC

Remote Sensing Committee - The Remote Sensing Committee operates under the direction of the NOAA, Chesapeake Bay CoastWatch Program. The mission of the Chesapeake Bay CoastWatch Program is to provide up-to-date remotely sensed environmental information to support Federal and state decision-makers and researchers who are involved in managing and enhancing the living marine resources of the Bay. The funds, designated to "monitor, manage, and conserve the living resources of the Bay and its coastal zone", have provided valuable information on algal blooms in the Bay (from aircraft remote sensing) and on changes in Bay tidal wetlands and adjacent uplands (from comparisons of LANDSAT maps).

Kent H. Hughes, Chairman -
NOAA, NESDIS
William S. Burgess - MD DRA
Dr. Robert Byrne - VIMS
Dr. Wayne Esaias - NASA
Dr. Robert L. Lippson - NOAA,
NMFS

Dr. Wayne Meyers - Penn. State
Larry Minock - VA COE
Charles Spooner - EPA, CBPO
Dr. Robert Ulanowicz - U of MD
Dr. William Wilen - DoI

**U. S. ENVIRONMENTAL PROTECTION AGENCY
CHESAPEAKE BAY PROGRAM OFFICE
ORGANIZATION CHART**

William Matuszeski - Director

Jon Capacasa - Deputy Director
Charles Spooner - Special Projects Manager

Mary Price - Secretary, Annapolis
Kim Lonasco - Secretary, Philadelphia
Dominique Luekenhoff - Special Assistant, Philadelphia

**Program Management &
Communications Section**

C. Thomas McCully
Acting Section Chief

Lori Mackey
Office Administrator

*Elliott Finkelstein
Communications Coordinator

*Kate Naughten
Communications Support

**Maria de la Torre
Program Management Intern

Arlene Maclean
Secretary

Kate James
Clerical/Assistant

Technical Programs Section

G. Edward Stigall - Section Chief

Kent Mountford - Senior Scientist

Claudia Walters - Quality Assurance

Lynn Shuyler - Nonpoint Source Coordinator
**Liz Arnold - Nonpoint Source Intern

Rich Batiuk - Toxics & Research Coordinator
**Robin Laird - Toxics Intern

Joseph Macknis - Monitoring Coordinator
**Sandi Schwab - Monitoring Intern

Lewis Linker - Modeling Coordinator
**Diane Alegre - Modeling Intern

Carin Bisland - Living Resources Specialist
**Dianna Shelton - Living Resources Intern

Lorie Roeser - Pesticide Coordinator

*Alliance for the Chesapeake Bay

**Interns (employed by CRC)

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Andretta, Robert	8	DiSalvo, Pam	61
Bailey, Walter F.	13	Doherty, Michael	63
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