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For additional information and educational material on the Chesapeake Bay, call the Alliance for the Chesapeake Bay's Chesapeake Regional Information Service (CRIS) at 1 800 662-CRIS (2747)

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The Chesapeake Bay Program

The Chesapeake Bay Program is the unique regional partnership which has been directing and conducting the restoration of Chesapeake Bay since the signing of the historic *1983 Chesapeake Bay Agreement*. The Chesapeake Bay Program partners include the states of Maryland, Pennsylvania, and Virginia; the District of Columbia; the Chesapeake Bay Commission, a tri-state legislative body; the Environmental Protection Agency, representing the federal agencies; and participating advisory groups.

This "Who's Who" is a valuable reference for understanding the Chesapeake Bay Program's structure, which was designed to promote full participation in the decision-making process. Representatives of the Chesapeake Bay Program partners and other participants are listed, as well as an overview of the committee structure.

As the largest estuary in the United States and the most productive in the world, the Chesapeake was the first estuary targeted for restoration and protection. In the late 1970's scientific and estuarine research on the Bay pinpointed three areas requiring immediate attention: nutrient over-enrichment; dwindling underwater Bay grasses; and toxic pollution. Once the initial research was completed, the Chesapeake Bay Program evolved as the means to restore this exceptionally valuable resource.

Since its inception, the Chesapeake Bay Program's highest priority has been the restoration of the Bay's living resources -- its finfish, shellfish and other aquatic life and wildlife. Recent years have brought significant progress in the Bay restoration effort. Improvements have been achieved in such areas as habitat restoration, nutrient reduction, and estuarine science. Examples of specific actions initiated by the Chesapeake Bay Program include a watershed-wide phosphate detergent ban, the introduction of agricultural best management practices and biological nutrient removal, and a public education campaign emphasizing the role each of the watershed's 13.6 million residents play in the restoration.

Considered a national and international model for estuarine research and restoration programs, the Chesapeake Bay Program is still a "work in progress". Since 1983, milestones in the evolution of the Chesapeake Bay Program include the signing of the *1987 Chesapeake Bay Agreement*, the *1992 Amendments to the Chesapeake Bay Agreement*, and the *1993 Directives* by the Chesapeake Executive Council -- the policy-making body of the Chesapeake Bay Program.

In the *1987 Agreement*, the Chesapeake Bay Program partners set a goal to reduce the nutrients nitrogen and phosphorous entering the Bay by 40% by the year 2000. Nutrient over-enrichment is one of the biggest challenges facing Chesapeake Bay. Nutrients "pollute" the Bay, inhibiting the growth of underwater grasses which provide critical habitat in shallow areas. In deeper areas, nutrient over-enrichment robs the water of oxygen, killing fish, shellfish and other aquatic life. Achieving a 40% nutrient reduction will ultimately improve the oxygen levels in Bay waters and encourage aquatic life to flourish.

In the *1992 Amendments*, the partners agreed to maintain the 40% goal beyond the year 2000 and attack nutrients at their source -- upstream in the Bay's tributaries. In November 1992, the Chesapeake Bay Program established watershed-wide nutrient reduction targets for the Bay's 10 major tributaries. As a result, Pennsylvania, Maryland, Virginia, and the District of Columbia are developing "tributary strategies" to achieve the nutrient reduction targets. The Chesapeake Bay Program also began reevaluating its *Basinwide Toxics Reduction Strategy* in order to better understand the impact toxics have on the Bay's resources.

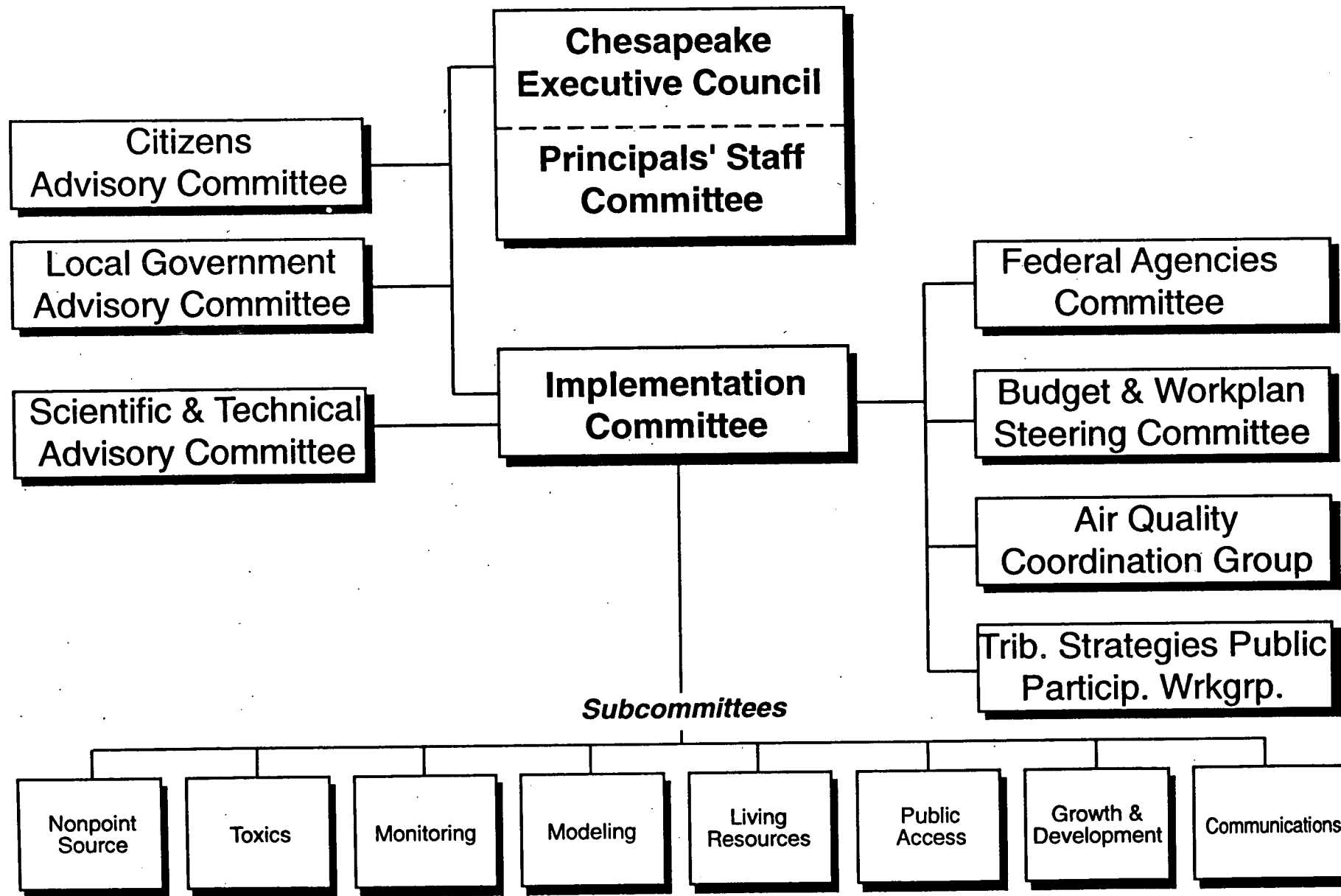
In 1993, the Chesapeake Bay Program partners celebrated a "Decade of Progress" by highlighting the 10th anniversary of the signing of the original Bay agreement along with some of the restoration successes to date, including an increase in the acreage of underwater Bay grasses, record-setting numbers of young rockfish, and significant reductions of point source pollution. The partners also acknowledged that the Chesapeake Bay Program made a significant transition since 1983, moving from its research phase to its implementation phase.

Highlighting the results-oriented emphasis of the Chesapeake Bay Program, the Executive Council guided the restoration effort in 1993 with five directives addressing key areas of the restoration, including the tributaries, toxics, underwater bay grasses, fish passages, and agricultural nonpoint source pollution. Specifically, the Executive Council directed the partners to outline initiatives for nutrient reduction in the Bay's tributaries; revise the *Basinwide Toxics Reduction Strategy* by 1994; develop action plans to address problems related to toxics in specific geographic areas within the watershed by 1994; and work with the agricultural community to implement total resource management programs on farms in the watershed.

In addition, the Executive Council set an initial goal for recovery of Bay grasses at 114,000 acres by the year 2005; and set five- and 10-year goals for reopening 582 and 1,350 river miles of spawning habitat by the removal of blockages, such as small dams, on the Bay's tributaries which prevent migratory fish from reaching spawning areas.

***For more information on the Chesapeake Bay Program, call 1-800-YOUR-BAY.
For general information on the Bay or educational materials, call 1-800-662-CRIS.***

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 Chair of the Chesapeake Bay Commission, a legislative Commission serving Maryland, Pennsylvania, and Virginia. The Executive Council establishes the policy direction for the restoration and protection of the Chesapeake Bay and its living resources.

The Executive 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 Chesapeake Executive Council.

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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.

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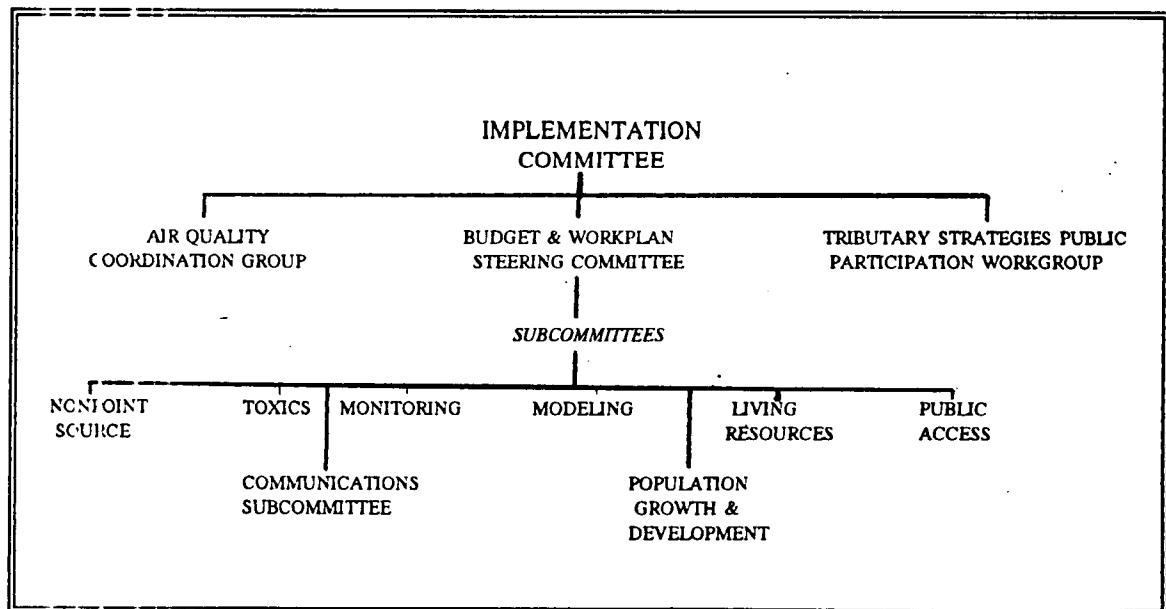
IMPLEMENTATION COMMITTEE

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, ten other federal agencies and other Program participants. 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 Chairs are also members.

Organization Chart



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Implementation Committee Subgroups & Workgroups

Budget Steering Committee

Budget Steering Committee (BSC) - The BSC reviews the program expenditure proposals made by the Subcommittees 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 BSC includes all subcommittee chairs, signatory representatives and representatives of the CAC, STAC, and LGAC.

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Implementation Committee Subgroups & Workgroups(Cont.)

Air Quality Coordination Group - The group works to coordinate and integrate all endeavors to improve the accuracy of estimates of atmospheric deposition and its relative importance as a cost-effective, controllable source of nutrient and toxic substances. The specific mission of the group is to foster a broad-based understanding of the nature and extent of atmospheric deposition to the Chesapeake Bay, and to reinforce federal and state efforts to reduce and prevent the adverse impacts of such deposition in a credible, holistic and comprehensive manner.

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 Joel Baker - UM CEES
 Richard Batluk - EPA CBPO
 John Benedict - WV OAQ
 Al Cimorelli - EPA Region III
 James Collier - DC WSMD
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 Eileen Rowan - VA DEQ
 John Schneider - DE DWR
 Dan Solkovitz - VA DEQ
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Tributary Strategies Public Participation Workgroup - The purpose of the workgroup is to broaden and coordinate public participation for the tributary-specific nutrient strategies by working with the jurisdiction to ensure adequate public comment during the strategy development process.

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 Kathi Bangert - USFWS
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 William Matuszeski - EPA, CBPO
 Larry Minnock - VA DEQ
 Mike Permenter - SCS
 Tony Redman - LGAC
 Michele Riedel - VA DEQ
 Louis Sage - STAC
 Jay Sherman - CBF
 Ann Swanson - CBC
 Paul Swartz - SRBC
 Alan Taylor - STAC
 Elizabeth Watkins - STAC

Implementation Committee

COMMUNICATIONS SUBCOMMITTEE

Responsibilities

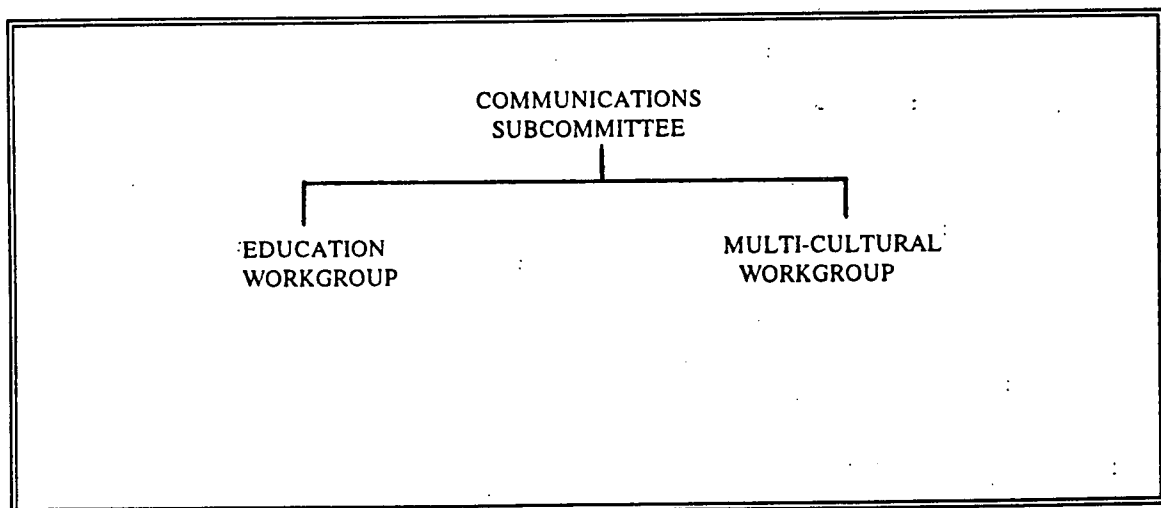
The Communications Subcommittee (CS) is responsible for: (1) building public understanding and support of the Chesapeake Bay system and the restoration efforts undertaken pursuant to the 1987 Agreement and (2) coordinating the implementation of the Agreement's public information, education and participation commitments, including public review of commitment documents. The Subcommittee has two workgroups: an Education Workgroup, and a Multi-cultural 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 it is useful and reaches appropriate audiences in a timely manner 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 strategic priority for increasing stakeholders and for higher public recognition of the Bay Program and its 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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WORKGROUPS

Education Workgroup - The Education workgroup of the Communications Subcommittee 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, Chair - USFWS
Beverly Bandler - ICPRB
Kathleen Banski - PA Bay Educ. Office
Carole Ann Barth - ACB
Marion Bowland - PA Bay Educ. Office
James Butler - DC DCRA
Edwina Coder - CAC

Kathleen Diehl - SCS
Fran Flanigan - ACB
Gary Heath - MSDE
Lee Lawrence - VIMS
Ann Regn - VA DEQ
Lorraine Urbiet - EPA
Elizabeth Watkins - CRC

Multicultural 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.

James Hannaham, Co-Chair - DC
WRRC
Gail Tindal, Co-Chair - EPA, Region III
Ann DeWitt Brooks - VA DEQ
James Butler - DC DCRA
Annie Hillary - NOAA

Dominique Lueckenhoff - EPA, Region III
Peter J. Marx - EPA, CBPO
Ira Palmer - DC DCRA
Albert Todd - USFS
Susan Wolf - PA Bay Educ. Office

Implementation Committee

LIVING RESOURCES SUBCOMMITTEE

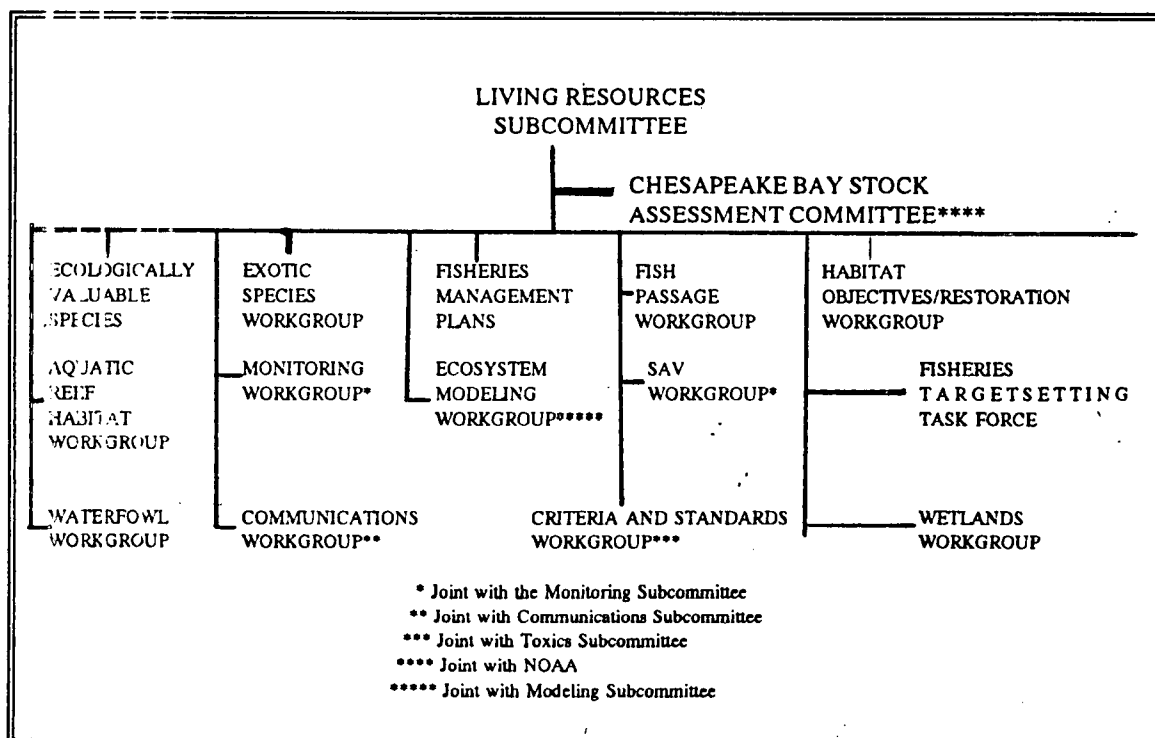
Responsibilities

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

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Mary Roe Walkup

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Living Resources Subcommittee Membership (Continued)

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Lee Zeni
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John Wolfir
Supervisor, Chesapeake Bay Field Office
US Fish & Wildlife Service
177 Admiral Cochrane Drive
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PHONE: (410) 269-5448
Fax: 269-0832

WORKGROUPS AND TASK FORCES

Ecologically Valuable Species Workgroup - Charged with implementing an ecologically based management strategy for the Bay using selected species as water and habitat quality indicators.

Steve Jordan, Chair - MD DNR
Richard Batiuk - EPA, CBPO
Steve Bieber - MDE
Carin Eisland - EPA, CBPO
Denise Breitburg - Philadelphia
Academy of Natural Sciences,
BERL
Claire Buchanan - ICPRB
Arthur Butt - VA DEQ

Steve Funderburk - USFWS
Jerone Gerritsen - Tetra Tech
M. Elizabeth Gillelan - NOAA/NMFS
Larry Minock - VA DEQ
Ed Pendleton, USFWS
Bill Richkus - Versar
Joe Serafy - U of MD
Anna Shaughnessy - Versar
Jim Uphoff - MD DNR

EXPERT PANEL

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

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

Ecosystem Modeling Workgroup - Charged to provide oversight of the ecological modeling activities; to ensure progress is being made toward answering management questions on the Chesapeake Bay ecosystem; to coordinate activities between the Living Resources & Modeling Subcommittees; and to identify goals for appropriate funding for the modeling team.

Arthur Butt, Chair - VA DEQ
Richard Batiuk - EPA, CBPO
Carin Bisland - EPA, CBPO
Walt Boynton - U of MD CEES
Steve Brandt - U of MD CEES
Denise Breitburg - ANS
Steve Funderburk - USFWS

M. Elizabeth Gillelan - NOAA/NMFS
Paul Miller - MD DNR
Mike Kemp - U of MD CEES
Mark Meyers - VIMS
Dick Wetzel - VIMS

Living Resources Subcommittee Workgroups

Aquatic Reef Habitat Workgroup - Charged with developing and implementing an aquatic reef habitat plan that enhances, protects, and restores benthic reefs as ecological systems.

Howard King, Chair - MD DNR
Carin Bisland - EPA, CBP
Robert Blama - CENAB
Dr. Denise Breitburg - BERL
Kirby A. Carpenter - PRFC
William Goldsborough - CBF
Timothy E. Goodger - NMFS
Chris Judy - MD DNR
Robin Laird - COE
Austin McGill - NMFS
Dr. Roger Mann - VIMS

Mike Meier - VMRC
Dewitt Myatt - MD DNR
Roger Newell - CEES
Mac Rogers - VMRC
Bruce Norman - NOAA/NMFS
Larry Sanford - CEES
Kenneth Sebens - MEES
Larry Walsh - MES
Larry Simms - MWA
Bruce R. Scheible - MD SFAC
James Wesson - VMRC

Exotic Species Workgroup - Concerned with assisting in the implementation of the regional policy to guide the intentional introduction of exotic species and preparing a strategy for addressing the accidental introduction of exotics.

Daniel Terlizzi, Chair - MD Sea Grant
Tom Beauduy - CBC
Steve Bieber - MDE
Carin Bisland - EPA, CBPO
Claire Buchanan - ICPRB
Robert Byrnes - VIMS
John Christmas - MD DNR
Vickie Clarke - VA Sea Grant
Frances Cresswell - MD DNR
David Dowling - VA DGIF
Leo Dunn - PA FBC
Rick Eades - VA DGIF
Richard Everett - USFWS
Mary Jo Garreis - MDE
Michael Hirshfield - CBF

Frederick Kern - NOAA/NMFS
Ron Klauda - MD DNR
John Lipman - CBC
Eric May - NOAA/NMFS
Roy Miller - DE Div. of Fish
and Game
Larry Minock - VA DEQ
Bruce Norman - NOAA/NMFS
Eugene Olmi - VA Sea Grant
Ira Palmer - DC Env. Reg. Admin.
Harriette Phelps - U of DC
Andy Shields - PA FBC
Dennis Taylor - VIMS
Jeff Tinsman - DE FWS
Jack Travelstead - VMRC

RESEARCH TASKGROUP

Greg Ruiz, Chair - SERC

MONITORING TASKGROUP

John Christmas, Chair - MD DNR

AQUACULTURE TASK GROUP

Eric May, Chair - NOAA/NMFS

EDUCATION TASK GROUP

Bill Hall, Chair - DE Sea Grant

CONTROL TASK GROUP

Gary Smythe, Chair - Acres International - NY

Living Resources Subcommittee Workgroups (Continued)

Fisheries Management Plans Workgroup - Charged with developing, implementing and revising Baywide fishery management plans to protect and restore commercial, recreational, and selected ecologically valuable finfish and shellfish stocks.

Pete Jensen, Chair - MD DNR
K. A. Carpenter - Potomac River
Fisheries Commission
Jeffrey S. Eutsler - MD Waterman
William Goldsborough - CBF
Rick Hoopes - PA FBC
Edward Houde - CBL
Roman Jesien - U of MD, HPEL
Ron Klauda - MD DNR
Anne Lange - NOAA/NMFS
John Lipman - CBC

David Martin - MD Seafood Dealer
Richard Novotny - MD Saltwater
Sportsmen's Association
Ed O'Brien - MD Charterboat
Association
Ira Palmer - DC DCRA
Larry Simms - MD Watermen's
Association
Jack Travelstead - VMRC
Col. Frank Wood - MD DNR Police

FISHERIES MANAGEMENT PLANS RE-ASSESSMENT TASK FORCE - Will reconvene annually or biennially to review the progress of plans.

Jim Gilford, Chair - SFAC

Fish Passage Workgroup - Charged with implementing the strategy to provide fish passages at dams and removing stream blockages wherever necessary to restore migratory fish access.

Price Smith, Chair - VA DGIF
Carin Eisland - EPA, CBPO
M. Elizabeth Gillelan - NOAA/NMFS
William Goldsborough - CBF
Rick Hoopes - PA FBC
Robert Kelsey - USFWS

Larry Leasner - MD DNR
Richard Quinn - USFWS
Jon Siemien - DC Fisheries Branch
Albert Spells - USFWS
Alan Weaver - VDGIF

Habitat Objectives/Restoration Workgroup - Charged with developing and maintaining 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
Steve Bieber - MDE
Carin Bisland - EPA, CBPO
Earl Bradley - MD DNR
Claire Buchanan - ICPRB
Frank Dawson - MD DNR
Chris Doley - NOAA
David Dowling - VA DGIF
Rich Everett - USFWS
M. Elizabeth Gillelan - NOAA/NMFS
Carl Hershner - VIMS
Pete Jensen - MD DNR
Hamid Karimi - DC ERA

Howard King - MD DNR
Roger Lehman - PA Game Commission
Stuart Lehman - MD DNR
Anne Lynn - SCS
Tamera McCandless - USFWS
Gail MacKiernan - MD Sea Grant
Kent Mountford - EPA, CBPO
Kevin Smith - MD DNR
Cynthia Stenger - MD DNR
Albert Todd - USFS
Tony Watkinson - VMRC
Lee Zeni - MES

Living Resources Subcommittee Workgroups (Continued)

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

Claire Buchanan, Chair - ICPRB
Ray Alden - ODU
Richard Batiuk - EPA, CBPO
Carin Bisland - EPA, CBPO
Denise Breitburg - Philadelphia
Academy of Natural Sciences -
BERL
David Dowling - VA DGIF
Steve Earley - MD DNR
Douglas Forsell - USFWS
Steve Funderburk - FWS
Frederick Hoffman - VA DEQ

Edward Houde - CBL
Steve Jordan - MD DNR
Hamid Karimi - DCRA
Anne Lange - NOAA/NMFS
Joseph Macknis - EPA, CBPO
Robert Magnien - MDE
Jack Musick - VIMS
Ira Palmer - DCRA
Jim Uphoff - MD DNR
Claudia Walters - EPA, CBPO
Lee Zeni - MES

SAV Technical Workgroup - Implement the 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.

Peter Bergstrom, Chair - USFWS
Richard Batiuk - EPA, CBPO
Steve Bieber - MDE
Robert Blama - CoE
David Bleil - MD DNR
Virginia Carter - USGS
James Cummins - ICPRB
Frank Dawson - MD DNR
Kim Donohue - CBF
M. Elizabeth Gillelan - NOAA/NMFS
Michelle Gomez - USACE
Tim Goodger - NMFS
Dick Hammerschlag - NPS
Jeff Hatfield - USFWS

Stan Kollar - Harford Community
College
Jay Lipscomb - VMRC
Ken Moore - VIMS
Mike Naylor - MD DNR
Robert Orth - VIMS
Ira Palmer - DC Fisheries
Nancy Rybicki - USGS
Jim Shell - COG
Ralph Spagnolo - EPA, Region III
Court Stevenson - U of MD
Elizabeth Zucker - CBF

Fisheries Target Setting Task Force - Charged with developing measurable targets or goals for Chesapeake Bay fish species that can be used to evaluate progress toward the restoration of depressed stocks or practices the prevention of the over exploitation of relatively healthy stocks.

Ron Klauda, Chair - MD DNR
Christopher Bonzek - VIMS
Nancy Butowski - MD DNR
William Goldsborough - CBF
Ed Houde - STAC

Phil Jones - MD DNR
Anne Lange - NOAA/NMFS
John Lipman - CBC
Rob O'Reilly - VMRC

Living Resources Subcommittee Workgroups (Continued)

Waterfowl Workgroup - Implement the Waterfowl Policy of the Chesapeake Executive Council through implementation of the Waterfowl Management Plan.

Doug Forsell, Chair - USFWS
Glenr Askins - VA DGIF
Gary Costanzo - VA DGIF
John Dunn - PA Game Commission
Dick Dyer - USFWS
Steve Funderburk - USFWS
John Gill - USFWS

Mike Haramis - USFWS
Bill Harvey - MD DNR
Larry Hindman - MD DNR
Dick Jachowski - USFWS
Dennis Jorde - USFWS
Hal Laskowski - USFWS
Jerry Serie - USFWS

Wetlands Workgroup - Implement 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.

Frank Dawson, Chair - MD DNR
Tom Barnard - VIMS
Carin Bisland - EPA, CBPO
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Diane Eckles - USFWS
Tom Filip - CoE
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Bruce Williams - CoE
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Robert Zepp - USFWS
Elizabeth Zucker - CBF

Living Resources Subcommittee Workgroups (Continued)

Criteria and Standards Workgroup - Responsible for revising the Chesapeake Bay Toxics of Concern List; revising the secondary list of toxic substances (for future consideration as Toxics of Concern); assessing the comparability of living resource habitat requirements, EPA aquatic life criteria, and Bay basin states' water quality standards; coordinating efforts to develop estuarine based water quality criteria for Toxics of Concern and critical water quality parameters; and encouraging adoption of more consistent water quality standards among the Chesapeake Bay jurisdictions. The Criteria and Standards Workgroup has the lead responsibility for oversight of the continued development of the Chesapeake Bay Toxics Database.

The Criteria and Standards Workgroup list of members is located under the Toxics Subcommittee

Communications Workgroup - Charged with assessing information provided to the public or to local, state, or federal officials relating to living resources status, trends, requirements and developing and implementing a strategy to provide information to restore, protect, and enhance living resources.

Kathi Bangert, Chair - FWS

Membership of this workgroup is currently being revised.

Chesapeake Bay Stock Assessment Committee

M. Elizabeth Gillelan, Chair - NOAA
K. A. Carpenter - PRFC
Jack Dunnigan - ASMFC
Steve Funderburk - USFWS
William Goldsborough - CBF
Verna E. Harrison - MD DNR
Rickalon Hoopes - PA FC
Dr. Edward Houde - VMD - CEES
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Gail Mackiernan - MD SG
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Ann Swanson - CBC
Jack Travelstead - VA MRC
William Whitney, Jr. - Langley & McDonald

MODELING SUBCOMMITTEE

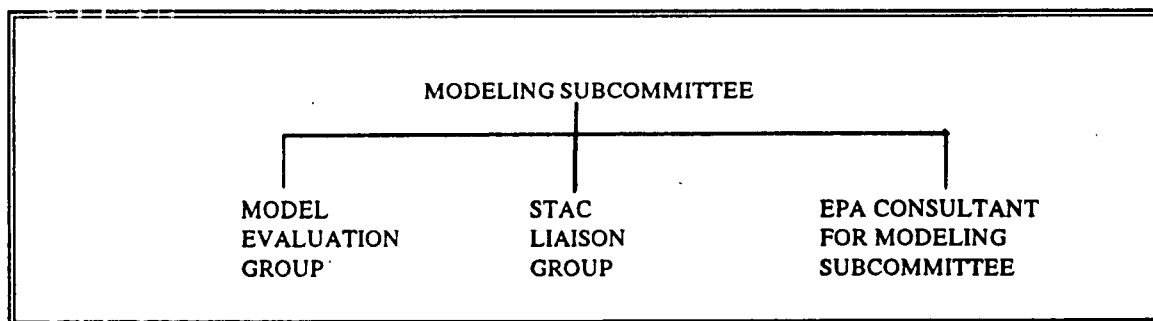
Responsibilities

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 subcommittees 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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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.

STAC Modeling Subcommittee Liaisons

Dr. Gordon Smith - Johns Hopkins University - APL
Dr. Alan Taylor - University of Maryland
Dr. Terry Schemm - Johns Hopkins University - APL

Model Evaluation Group - MEG

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

EPA Senior Consultant for Modeling Subcommittee

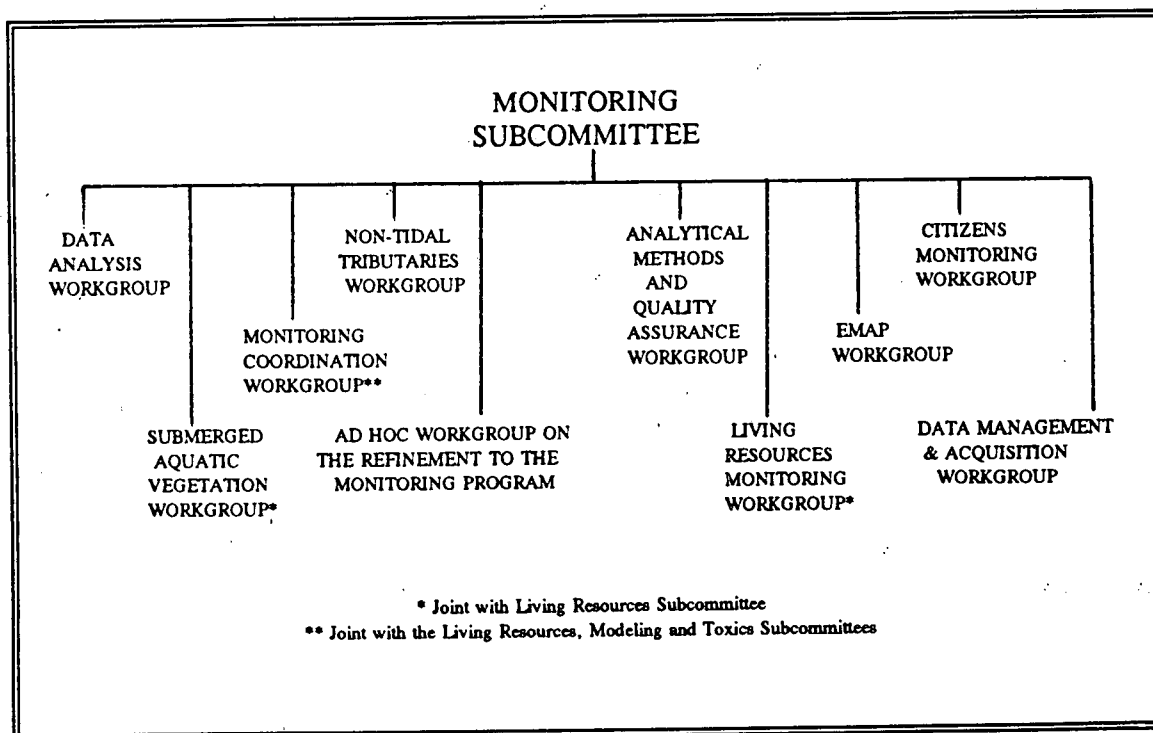
Dr. Robert V. Thomann - Manhattan College +

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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Monitoring Subcommittee 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 of the Chesapeake Bay report.

Robert Magnien, Chair - MDE
Raymond Alden - ODU
Tom Arn - MWCOG
Claire Buchanan - ICPRB
Douglas Forsell - USFWS
Carlton Haywood - ICPRB
Frederick Hoffman - VA DEQ
Jerry Hollowell - SRBC

Joseph Macknis - EPA, CBPO
Peter May - DC DCRA
Joseph Mihursky - STAC
Bruce Neilson - VIMS
James Shell - MWCOG
Cynthia Stenger - MD DNR

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.

The Submerged Aquatic Vegetation Workgroup list of members is located under the Living Resources Subcommittee.

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. The role of this workgroup in tidal and non-tidal tributaries is currently being evaluated.

Tom Arn - DC COG
Bob Edwards - SRBC
Thomas Grizzard - VPI & SU
Frederick Hoffman - VA DEQ
Hamid Karimi - DC DCRA
Joseph Macknis - EPA
Robert Magnien - MDE

Joseph Mihursky - CRC
Scott Phillips - USGS
James Shell - DC COG
Richard Shertzer - PA DER
Robert Summers - MDE
Paul Swartz - SRBC
Linda Zynjuk - USGS

Monitoring Subcommittee Workgroups (Continued)

Data Management and Acquisition Workgroup - The charge to the Data Management and Acquisition Workgroup is to develop data management and submission policies and guidelines and ensure agency and institution compliance, oversee development and systematic expansion of the Chesapeake Bay Program Computer Center database to serve the existing and anticipated needs of the participating Program agencies, and direct the management of the Chesapeake Bay Program Computer Center database to ensure timely access to the data by all participating Program agencies.

Carlton Haywood, Chair - ICPRB
Tom An - MWCOG
Mark Bushing - VA DEQ
Michael Burch - MD DNR
Kevin Curling - VIMS
Cliff Jarmon - DC DCRA

Joseph Macknis - EPA, CBPO
Robert Magnien - MDE
Norma Roadcap - VA DCLS
Steve Sokolowski - ODU
Claudia Walters - EPA, CBPO

Analytical Methods and Quality Assurance Workgroup - The Workgroup members are technical advisors to the Subcommittee concerning field and analytical methodology 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. Members of the Workgroup participate in the Coordinated Split Sample Program and use this information in evaluating the quality of the monitoring data and for identifying areas that require further study.

Claudia Walters, Co-Chair - EPA, CBPO
Bruce Neilson, Co-Chair VIMS
Tom An - WCOG
Grace Battisto - VIMS
Donna Belval - USGS, Richmond
Sheila Besse - DC DCRA
Alvin Bober - MD DHMH
Sally Bowen - MDE
Mark Bushing - VA DEQ
Kevin Curling - VIMS
Al Dougherty - DE DNREC
Drew Francis - VA HRSD
Richard Gardner - DE DNREC
Thomas Grizzard - OWML
Frederick Hoffman - VA DEQ
Asoka Katumuluwa - MD DHMH
Nancy Kaumeyer - CBL

Carolyn Keefe - U of MD/CBL
Sherry Lacy - VA DCLS
Art Lepley - MD DHMH
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Steve Sokolowski - ODU
Khin Thaung - DCRA
Kathy Wood - CBL
Wanda Wright - DE DNREC
Peggy Zawodny - DCRA
Carl Zimmermann - CBL
Linda Zynjuk - USGS

Monitoring Subcommittee Workgroups (Continued)

Citizens Monitoring Workgroup - The Workgroup provides advice in design, quality assurance and implementation of the Citizens Monitoring Program for the Chesapeake Bay Program.

Kathy Ellett, Chair - ACB
Dan Boward - MDE
Claire Buchanan - PA DER
Maureen Heraty - MWCOG
Frederick Hoffman - VA DEQ
Marcy Judd - ACB
Stewart Lehman - MD DNR

Joseph Macknis - EPA, CBPO
Robert Magnien - MDE
Kent Mountford - EPA, CBPO
Bruce Neilson - VIMS
Richard Shertzer - PA DER
Claudia Walters - EPA, CBPO

Living Resources Monitoring Workgroup - The Subcommittee's Living Resources Monitoring Workgroup (joint Workgroup with the Living Resources Subcommittee) has achieved its original charge 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. The workgroup will continue efforts to refine and implement the plan. Specifically, it will periodically review the plan, provide coordination between living resources and water quality monitoring programs, and begin to determine how biological monitoring can best be used to investigate relationships between water quality, habitat characteristics, and living resources.

The Living Resources Monitoring Workgroup list of members is located under the Living Resources Subcommittee

Monitoring Coordination Workgroup - This Workgroup will coordinate the development of monitoring related projects which span the charge of two or more Chesapeake Bay Program Subcommittees. The scope of these projects include environmental data collection, modeling, and analysis.

Kevin Sellner, Chair - BERL
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Kathy Ellett - ACB
Frederick Hoffman - VA DEQ
Lewis Linker - EPA, CBPO

Joseph Macknis - EPA, CBPO
Robert Magnien - MDE
Brand Niemann - EPA HQ
Robert Summers - MDE
Richard Valigura - NOAA, CBPO
Claudia Walters - EPA, CBPO

ad hoc Workgroup on the Refinement to the Monitoring Program - To coordinate the refinement to the monitoring program including providing guidance for the power analysis and evaluating alternative non-shipboard monitoring techniques to determine their cost and effectiveness in meeting management information needs.

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Implementation Committee

NONPOINT SOURCE SUBCOMMITTEE

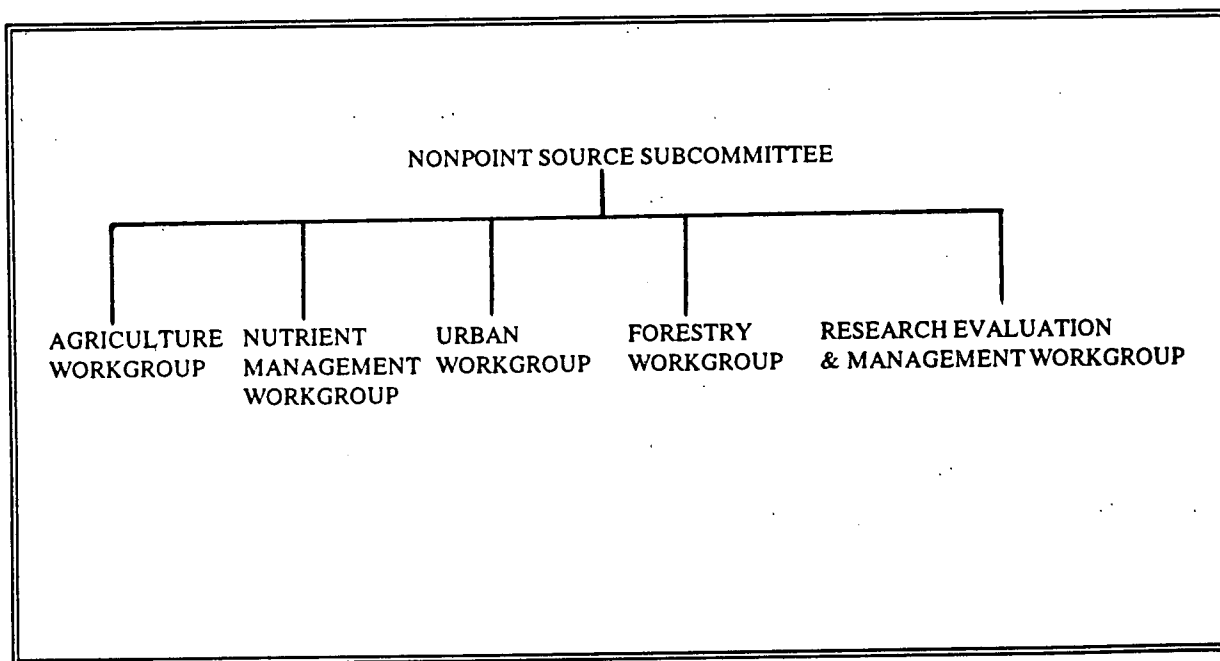
Responsibilities

The Subcommittee addresses issues related to control of nonpoint source (NPS) pollution from all sources including agriculture, forestry and urban sectors. A primary objective of the Subcommittee is to improve NPS 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 is responsible for cooperative design, coordination and assessment of NPS pollution control programs and practices. Through standing workgroups and task assignments, the subcommittee develops NPS control program criteria, establishes methods of collecting and evaluating results of programs and practices, identifies and coordinates needed research and promotes NPS information, education and training.

The Subcommittee coordinates multi-jurisdictional information for and response to other committees, subcommittees or workgroups involved with NPS related activities.

Organization Chart



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Citizens Advisory Committee:

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Scientific and Technical Advisory Committee:

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Nonpoint Source Subcommittee Workgroups

Nutrient Management Workgroup - The Nutrient Management Workgroup of the Nonpoint Source Subcommittee coordinates nutrient management program development and tracking activities designed to help restore the health and productivity of the Chesapeake Bay.

Objectives include the following:

- a. Define a Nutrient Management Plan.
- b. Determine the Minimum Criteria for a Nutrient Management Plan.
- c. Gather representative questions for Interstate Nutrient Management Certification.
- d. Develop standards for a Model Interstate Certification Program.
- e. Develop urban nutrient management strategies.
- f. Develop a model tracking program for Nutrient Management Plans.

Fred Samadani, Chair - MDA
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Tom Juengst - PA DER
Larry Nygren - PA DER
Mike Permenter - SCS

Russ Perkinson - VA DSWC
Randy Shank - VA CES
Thomas Simpson - USDA EXT.
Trish Stienhelber - UMD

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, the 1991 Re-Evaluation and the 1992 Amendments.

Goal: To improve the quality of local water bodies and the Chesapeake Bay by reducing urban nonpoint sources of pollution.

Objectives include the following:

- a. Assist urban programs to reduce urban pollutants and 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.
- e. Coordinate among the different Federal agencies and programs that impact urban nonpoint source control management.

Tom Tapley - MDE
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Lorrie Herson-Jones - MWCOG

Timothy Karikari - DC DCRA
Durla Lathia - PA DER
Chris Victoria - USFWS

Nonpoint Source Subcommittee Workgroups (Cont.)

Forestry Workgroup - The Chesapeake Bay Forestry Workgroup coordinates, develops and implements plans and projects which focus on the contributions of forest lands in restoring the health and productivity of the Chesapeake Bay watershed. The workgroup provides a forum in which issues and opportunities related to forest protection, restoration and stewardship can be discussed and potential solutions formulated among the forestry community, interested individuals and organizations, and Federal, State and local governments. Through the workgroup, forest management expertise is brought to Chesapeake Bay Program Committees and Subcommittees.

Objectives include the following:

- a. Enhance communication and education regarding forestry issues within the Bay watershed.
- b. Identify the need and opportunities for demonstration projects and program development.
- c. Seek ways to promote the establishment and maintenance of forests and trees in urban, rural, and developing areas to improve water quality, and aquatic and terrestrial habitats associated with the Chesapeake Bay and its tributaries.
- d. Promote forestry research and monitoring needed to evaluate forest contributions toward protection and restoration of the Chesapeake Bay.
- e. Ensure that forest resource information pertinent to the Chesapeake Bay is available to individuals and organizations interested and/or involved in implementing the Chesapeake Bay Program.

*John Barber, Chair - VA
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*Executive Committee

Nonpoint Source Subcommittee Workgroups (Cont.)

Agriculture Workgroup - The Agriculture Workgroup of the Nonpoint Source Subcommittee was created in September 1993, in response to the need to address issues such as Best Management Practices (BMP) tracking, Total Resource Management (TRM), and private sector involvement throughout the agricultural community.

The workgroup charges are to:

- continue to refine and advance efforts currently under way that focus on a uniform accounting and assessment system to track BMP implementation including both cost shared and non-cost shared practices;
- assist in the coordination of the TRM Plan components and encourage the refinement and development of the Baywide private sector certification programs for components of TRM Plans;
- explore methods to establish and expand partnerships between stakeholder groups and those groups involved with the restoration of the Chesapeake Bay by increasing participation and identifying leadership roles and;
- analyze the recommendations from the Governor's Non-Point Source Agriculture Initiative committees and subcommittees and develop action agenda strategies for the consideration of the Initiative committees and the Nonpoint Source Subcommittee.

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Moria Croghan - VA DCR
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Royden Powell - MDA
Lynn Shuyler - EPA, CBPO
Dennis Stolte - MD FB
Al Turgeon - PSU

Nonpoint Source Subcommittee Workgroups (Cont.)

Research Evaluation & Management Workgroup - The Research Evaluation & Management Workgroup of the Nonpoint Source Subcommittee was created in November 1993, to address the following needs: the establishment of a more formal structure for the selection of research priority areas for funding; an improved procedure for proposal evaluation; and selection and progress oversight.

The workgroup charges are to:

- select, each year, those subject areas of concern that should, subject to approval of the subcommittee, be given priority for research funding;
- evaluate and rank the pre-proposals and proposals submitted with requests for funding;
- establish a review process to monitor progress of ongoing proposals, by arranging presentations at regular subcommittee meetings or special workshops, as deemed appropriate and to review written reports of research progress; and
- organize, as appropriate, general workshops to review and evaluate nonpoint source research needs in the Bay Program, in collaboration with other Bay Program subcommittees and the Scientific and Technical Advisory Committee.

Alan Taylor, Chair - U of MD
CES
Collin Burrell - DC ERA SRMD
James Cox - VA DCR
John Longnecker - PA DA
Larry Nygren - PA DER

Rosemary Roswell - MDA
Lynn Shuyler - EPA, CBPO
Thomas Simpson - USDA ES MDA
Robert Summers - MDE
Albert Todd - USFS

Implementation Committee

POPULATION GROWTH AND DEVELOPMENT SUBCOMMITTEE

Responsibilities

The Subcommittee is responsible for identifying population growth and development issues of a Bay-wide nature, developing research or information projects on those topics as appropriate, and providing an information exchange forum. The Subcommittee coordinates with other subcommittees on such issues as public education and information related to population growth and development.

Population Growth and Development Subcommittee Membership

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Implementation Committee

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 Public Access Subcommittee works to coordinate public access within the states. Goals of this subcommittee include: Increasing access to federal lands; maintaining state inventories of access facilities; developing a new public access guide; and identifying ways to provide educational opportunities at public access sites by working with the Communications Subcommittee.

Public Access Subcommittee Membership

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Implementation Committee

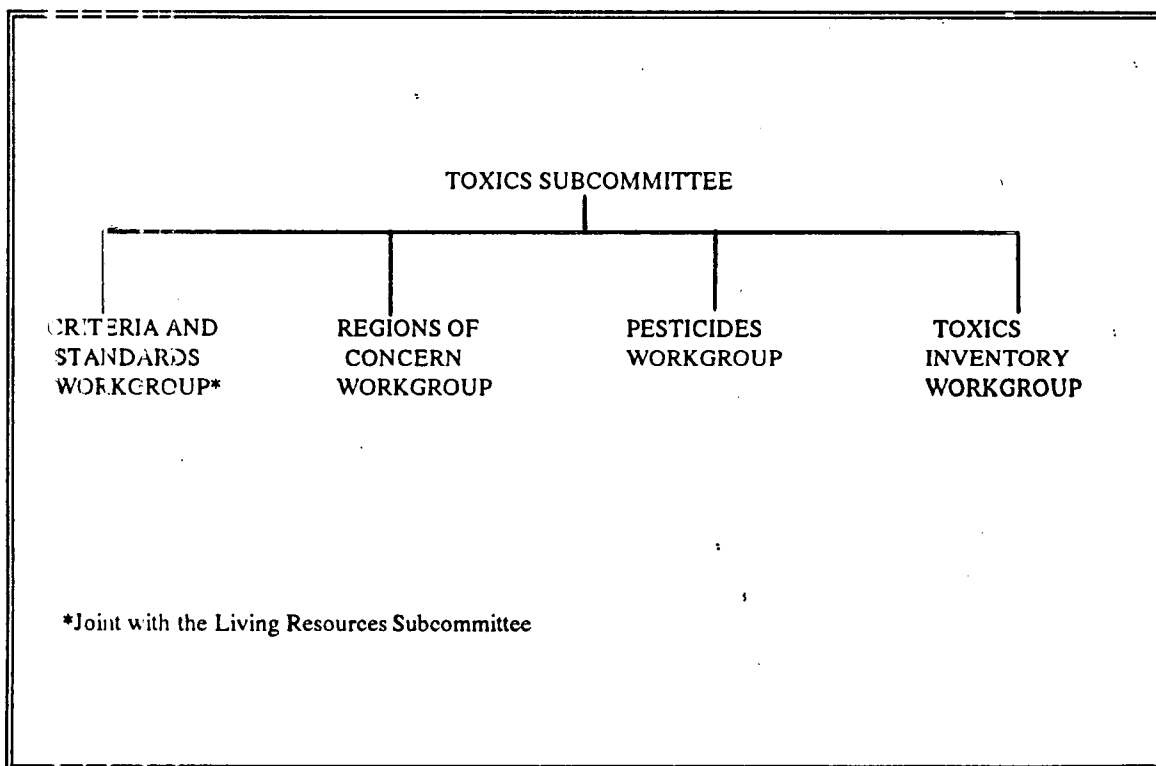
TOXICS SUBCOMMITTEE

Responsibilities

The Subcommittee is charged with implementing the Basinwide Toxics Reduction Strategy. The Subcommittee 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 Toxics 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



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Toxics Subcommittee Workgroups

Criteria and Standards Workgroup - The Criteria and Standards Workgroup is responsible for revising the Chesapeake Bay Toxics of Concern List; revising the secondary list of toxic substances (for future consideration as Toxics of Concern); assessing the comparability of living resource habitat requirements, EPA aquatic life criteria, and Bay basin states' water quality standards; coordinating efforts to develop estuarine based water quality criteria for Toxics of Concern and critical water quality parameters; and encouraging adoption of more consistent water quality standards among the Chesapeake Bay basin jurisdictions. The Criteria and Standards Workgroup has the lead responsibility for oversight of the continued development of the Chesapeake Bay Toxics Database.

Mary Jo Garreis, Chairman - MDE
Tom Barron - PA DER
Richard Batiuk - EPA, CBPO
James Collier - DC DCRA
Jean Gregory - VA DEQ
Lenwood Hall - U of MD

Arthur Hart - Nat. Ag. Chem. Assn.
Dr. Ian Hartwell - MD DNR
Evelyn MacKnight - EPA, Region III
William Rue - EA Engineering
Jacqueline Savitz - CBF
Mary Ellen Setting- MDA

Toxics Subcommittee Workgroups (Continued)

Toxics Inventory Workgroup - The Toxics Inventory Workgroup is responsible for continued development of the Basinwide Loading and Release Inventory; identification of the monitoring and assessment projects necessary to support future revisions and enhancements to the Inventory; and working with the Bay scientific community on developing a toxics mass balance framework for the Chesapeake Bay.

David Velinsky, Chairman - ICPRB
Joel Baker - U of MD
David Burdige - ODU
Jeff Cornwell - U of MD
Stuart Gansell - PA DER
John Kennedy - VA DEQ

Anita Key - DC DCRA
Joseph Macknis - EPA, CBPO
Jim Sanders - NASP BERL
Jacqueline Savitz - CBF
Pete Tinsley - MDE
Dale Wismer - EPA, Region 3

Pesticides Workgroup - The Pesticides Workgroup is responsible for coordinating basinwide efforts to survey pesticide application patterns, assessing pesticides releases and loadings to the Bay and watershed, promoting transfers of information and innovative pest management approaches between jurisdictions, and targeting and tracking implementation of integrated pest management practices and best management practices throughout the Chesapeake Bay basin.

David Bingham, Chair- PA DoA
Mary Ellen Setting, Vice-Chair - MDA
Dr. Amy Brown - U of MD ES
Jim Hannawald - USDA, SCS, CBPO
Arthur Hart - Nat. Ag. Chem. Assn.
Dr. Marvin Lawson - VDACS

Donald Lott - EPA, Region III
Dr. Mark Melancon - FWS
William Ravelin - VPI & SU
Lorie Roeser - EPA, CBPO
Nicoline Shulterbrandt - DC DCRA

Regions of Concern Workgroup - The Regions of Concern Workgroup is responsible for developing criteria for and the identification of Chesapeake Bay Regions of Concern; developing a process for development and implementation of Regional Action Plans across all Regions of Concern; coordinating jurisdictional development of Regional Action Plans; and overseeing and evaluating Subcommittee sponsored monitoring, assessment, and research projects.

John Kennedy, Chair - VA DEQ
Ray Alden - ODU
Richard Batick - EPA, CBPO
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Nathalie Vattette-Silver - NOAA
David Velinsky - ICPRB

CITIZENS ADVISORY COMMITTEE

Responsibilities

The Citizens Advisory Committee (CAC) 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 Executive Council and its institutions on policy matters and public perceptions.

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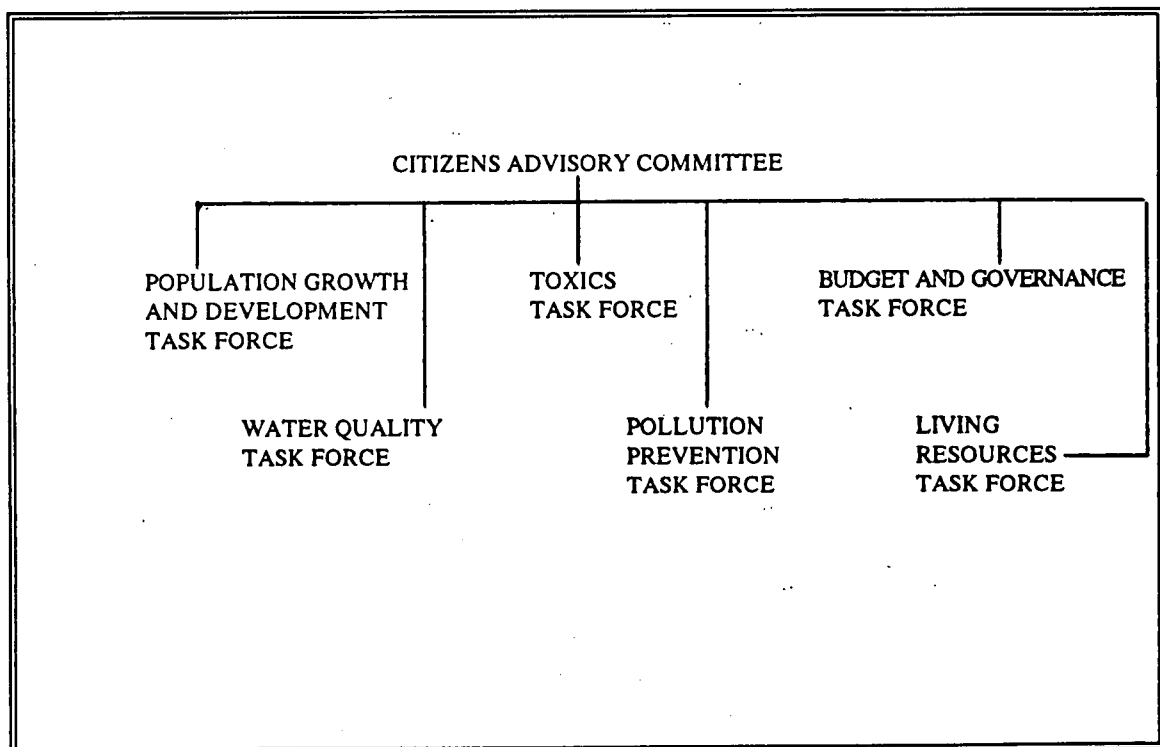
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Citizens Advisory Committee Task Forces

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; and follows State activities related to implementation of the findings of the Report of the 2020 Panel.

Jack Whitney, Chair - VA
David Brubaker - PA
Edwina Coder - PA

Mark Kalish - MD
Michael Rolband - VA
Mary Roe Walkup - MD

Citizens Advisory Committee Task Forces (Continued)

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

Elizabeth Bauereis, Chair - MD
David Brubaker - PA
Michael Brubaker - PA

William Hastings - VA
Ann Powers - MD
Thomas 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 (William Eberhardt); and encourages initiation of strategic planning process for Bay restoration activities.

William Eberhardt, Chair - PA
Elizabeth Bauereis - MD
Edwina Coder - PA

Clifford A. Falkenau - MD
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:

- Fisheries - Andrew Loftus
- Wetlands - Walt Pomeroy

Mary Roe Walkup, Chair - MD
Robert Andretta - DC
Michael Brubaker - PA
Andrew Loftus - DC
Jack Nelson - DC

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

Water Quality Task Force - Tracks strategies for Agreement commitments related to Water Quality (except toxics); and 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, Chair - DC
Robert Andretta - DC
Elizabeth Bauereis - MD
Lee Brown - VA

David Brubaker - PA
Edwina Coder - PA
Steele Phillips (nonpoint coordinator) - MD
Ann Powers - MD

Citizens Advisory Committee Task Forces (Continued)

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

Lee Brown, Chair
Elizabeth Bauereis - MD
Michael Brubaker - PA
Edwina Coder - PA

William Eberhardt - PA
William 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 - David Brubaker

LOCAL GOVERNMENT ADVISORY COMMITTEE

Responsibilities

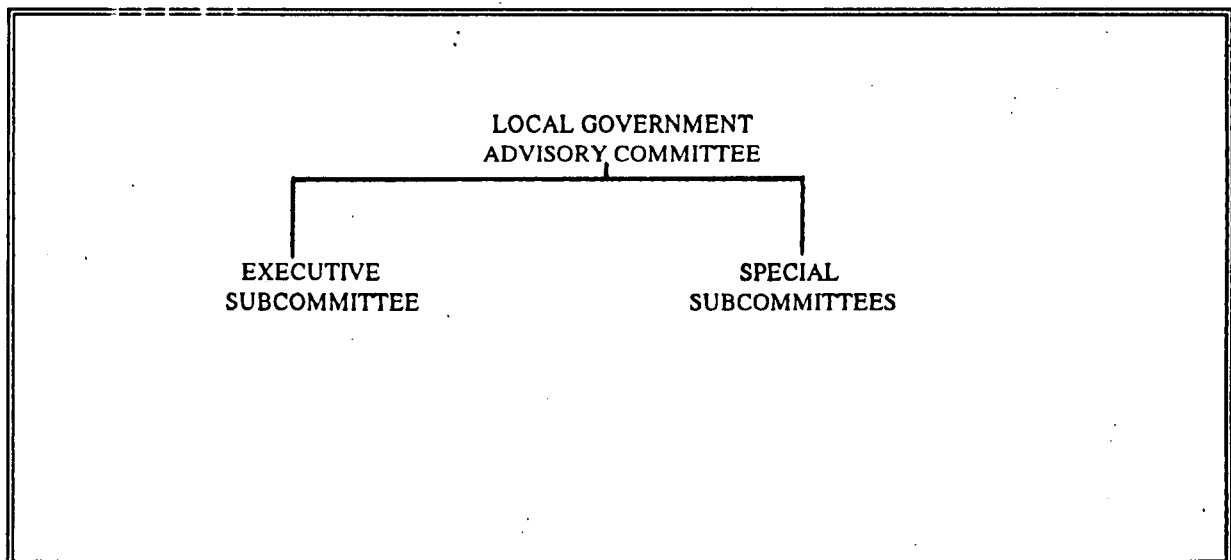
Establishing the Local Government Advisory Committee (LGAC) in March 1988 fulfilled a 1987 Chesapeake Bay Agreement commitment. LGAC is composed of local government representatives from the States of Maryland, Virginia and Pennsylvania, and the District of Columbia. The Committee is charged with developing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

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Organization Chart



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Subcommittees

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

Special Subcommittees - The LGAC creates special subcommittees and workgroups as needed to address a variety of issues of local government interest. In the past, these have included nonpoint source, land use, legal assistance, wetlands budget and household hazardous waste.

SCIENTIFIC AND TECHNICAL ADVISORY COMMITTEE

Responsibilities

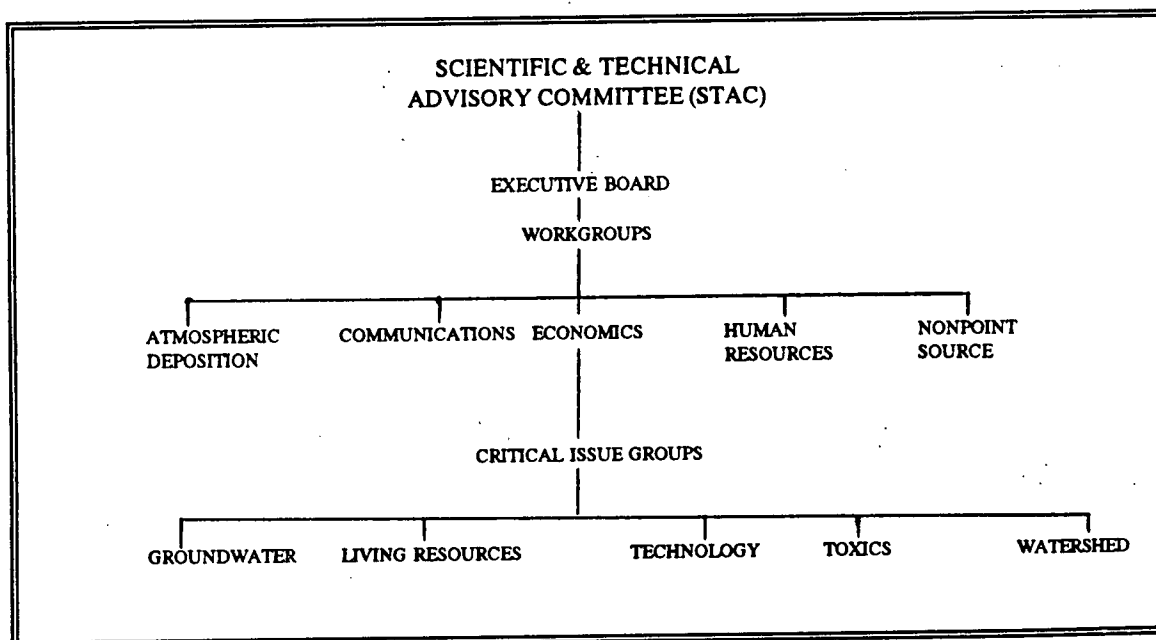
The Scientific and Technical Advisory Committee (STAC) provides independent guidance to the Chesapeake Bay Program on the overall direction, efficiency, and priority of measures to restore and protect the Chesapeake Bay. STAC actively helps integrate sound science into both policy development and education efforts of the Chesapeake Bay Program. An important function of STAC is to provide a fresh, cross-cutting scientific and technical perspective. STAC reports regularly to the Implementation Committee and is to report annually to the Executive Council on scientific and technical issues.

STAC membership is drawn from the principal research institutions and scientific and technical interests of importance to the Chesapeake Bay Program. Members are selected on the basis of their ability to represent effectively and actively the range of disciplines, perspectives, and information resources needed by the Program. STAC operates with broad discretion to focus the best available scientific and technical expertise, wherever it is located, on issues of importance to restoring the Chesapeake Bay.

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Donald Boesch - UMD/CEES
Grant Gross - CRC

Richard Jachowski - NBS
Louis Sage - ANS
Dennis Taylor - VIMS

Scientific and Technical Advisory Committee Workgroups

Atmospheric Deposition Workgroup - The Atmospheric Deposition Workgroup defines the nature and scope of scientific and research issues and needs as they relate to the atmospheric deposition of air pollutants to the Chesapeake Bay region. The workgroup provides recommendations for enhancing the science of various atmospheric deposition phenomena, for ensuring the scientific peer review of documents, reports, etc., and for research priorities and strategies.

John Thillmann, Chair - A. T. Kearney
Joel Baker - U of MD
James Lynch - PSU
Paul Miller - MD DNR

John Ondov - U of MD
Charles Schemm - JHU/APL
Richard Valigura - NOAA/ARL

Communications Workgroup - The Communications Workgroup assesses and communicates recent advances in estuarine research with direct relevance to Bay restoration and protection efforts by coordinating the "Perspectives on the Bay" literature synthesis and the Chesapeake Bay Research Conference series.

Richard Batiuk - EPA, CBPO
Steve Beber - MDE
Wayne Bell - UMD/CEES
Phillip Kearney - USDA
Waldon Kerns - VPI

Ronald Klauda - MD DNR
Lewis C. Linker - EPA, CBPO
Gail Mackiernan - MD Sea Grant
Clifford Randall - VPI
John Thillmann - A.T. Kearny

Economics Workgroup - The Economics Workgroup will provide economic analysis and economic advice to STAC for use by the IC, Chesapeake Bay resource managers, the larger scientific community and citizens. The workgroup has compiled an extensive list of Bay region economists. These economists comprise a network that the workgroup may call upon for specific projects and activities.

Leonard Shabman, Chair - VPI
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Human Resources Workgroup - The Human Resources Workgroup advises STAC and the Bay Program and makes recommendations regarding the status of minorities and women's participation in the Chesapeake Bay Program, with particular emphasis on the scientific and technical professions.

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Richard Jachowski, Co-Chair - NBS
Sharon Anderson - VA
Wayne Bell - UMD
Bradford Brown - NOAA

Joe Conner - UMD
Deehon Ferris - NWF
Harriette Phelps - UDC
Hame Watt - DC

Scientific and Technical Advisory Committee Workgroups (Cont.)

Nonpoint Source Workgroup - The Nonpoint Source Workgroup will assess the Chesapeake Bay Program's nonpoint source research and technical information needs, recommend to STAC survey documents, reviews, and summaries on nonpoint source issues, and evaluate nonpoint source research proposals submitted to the Nonpoint Source Subcommittee.

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Richard Weismiller, Co-Chair - UMD
Mark J. Carroll - UMD
Edward S. Corbett - USDA/FS
Donald J. Epp - PSU
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Steve Leatherman, Co-Chair - UMD
Living Resources Stocks and Dynamics - Williams Rickards, Co-Chair - VA Sea Grant
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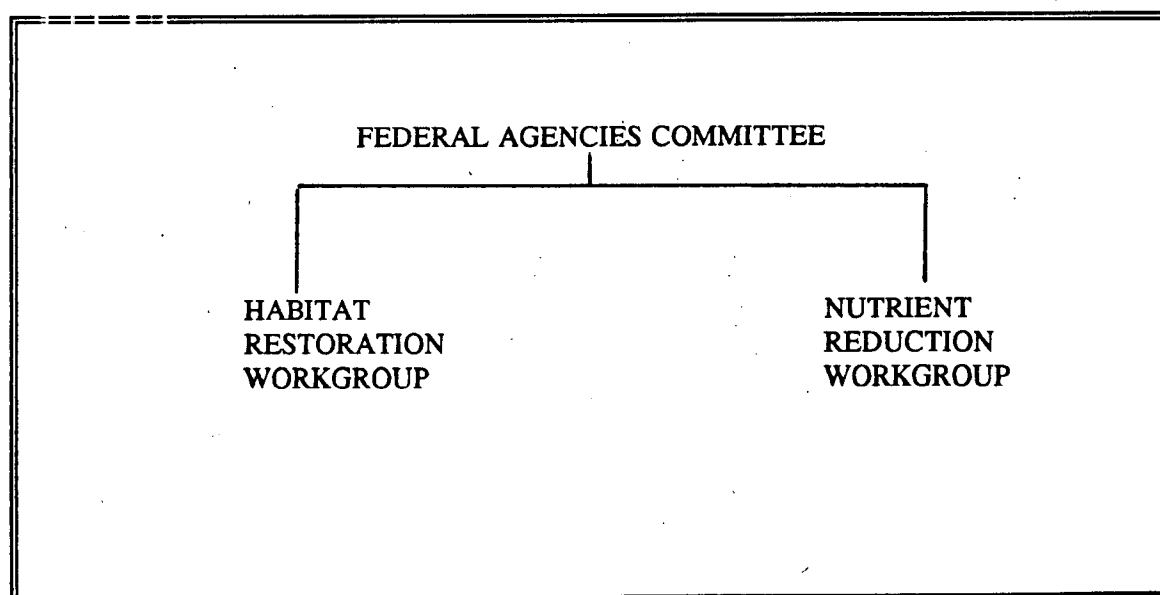
FEDERAL AGENCIES COMMITTEE

Responsibilities

The Federal Agencies Committee (FAC) was established by the Environmental Protection Agency (EPA) in 1984. The FAC is composed primarily of representatives of federal agencies that either own land in the watershed and/or have missions that impact water quality or living resources of the Bay and its tributaries. To date, twelve federal agencies have formal agreements with EPA, which have made them partners in the Bay Program. Some agencies without formal agreements are still participants in the Program through membership on the FAC. There are fifteen federal agencies and departments currently represented on the FAC.

The FAC is responsible for advising EPA, which is the sole federal signatory to the Chesapeake Bay Agreements, and the only federal member of the Chesapeake Executive Council. In July 1994, the FAC drafted and had signed by high level federal officials from 25 agencies and departments, the *Agreement of Federal Agencies on Ecosystem Management in the Chesapeake Bay*. The historic *Agreement* set out a number of specific goals and commitments by federal agencies on federal lands throughout the watershed, as well as new cooperative efforts by federal agencies elsewhere. The FAC has established two workgroups, Habitat Restoration and Nutrient Reduction, primarily to deal with issues on federal lands and the commitments in the new *Agreement*. The FAC also acts as an Advisory Committee to the Implementation Committee on matters of mutual interest among the states and federal government.

Organization Chart



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Workgroups

Nutrient Reduction Workgroup - The workgroup has completed several demonstration Pollution Prevention Assessments on federal facilities throughout the watershed. These will be the basis for an "assessment protocol" completed in 1995, which the workgroup will use to complete at least five assessment annually at federal facilities throughout the Chesapeake Bay watershed.

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DeNise Cook - NPS
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Jim Hannawald - SCS
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Russ Mader - EPA, CBPO
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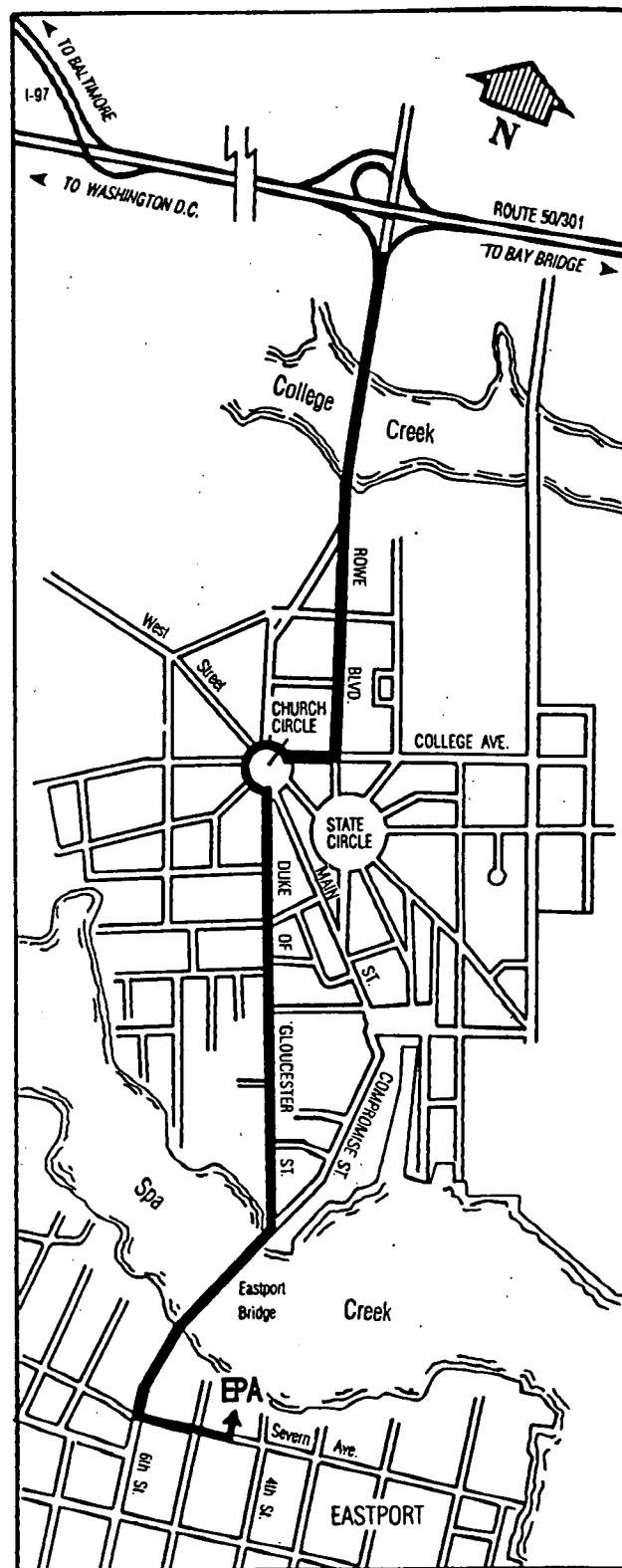
The CBPO is located on Spa Creek on Annapolis Harbor. It is less than 30 miles from Baltimore or Washington. The nearest major airport is Baltimore-Washington International (BWI). AMTRAK service is available to Baltimore, Washington, New Carrollton and BWI Airport (limited).

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Exit onto Duke of Gloucester St. (at light between Maryland National Bank and Maryland Inn). Take Duke of Gloucester St. until it ends at stop sign, staying in right lane. Turn right to go over the bridge and stay in left lane after bridge. Take first left, at stoplight, onto Severn Avenue. Go 1 1/2 blocks and turn left into Annapolis City Marina pay parking lot or use free street parking.

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Browner, Carol M.	4	Gerhard, Robert C.	61
Brubaker, David	56	Ghosh, Sue	71
Brubaker, Michael	56	Gillelan, M. Elizabeth . . .	10,18,22,67,71
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Burke, Thomas W.	5,9,13,18	Graves, Warren	61
Butt, Dr. Arthur	21,31	Greider, B. Kenneth	61
Byrne, Dr. Robert	31	Gross, M. Grant	64
Capacasa, Jon	7,9,13,71	Haas, Larry	34
Carroll, David A. C. . . .	5	Haire, Michael	7,10,14
Casey, Robert Patrick . . .	4	Hammerschlag, Dick	22
Casman, Dr. Elizabeth A. .	31	Hannaham, James	64,72
Coder, Edwina H.	46,56	Harrison, Verna E	7,10,14,21
Cole, Kenneth	71	Hartwell, Dr. Ian	51
Collier, James R.	9,13,31	Hastings, William S.	56
Cooke, DeNise	21	Hayden, Bill	18
Cox, James	31,40	Haywood, Carlton	34
Cross, Elmo	4	Hicks, Dr. Bruce	66

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Hillary, Annie	48	Lumb, Alan	32
Hirshfield, Dr. Mike	22	Lunsford, Charlie	52
Hoffman, Frederick	34	Lynch, Jeanne	62
Hollowell, Jerry	31	Lynn, Anne	23
Hood, Dr. Lamartine	64	Lyons, Dr. Lorenza	64
Hoopes, Rickalon	22	Mackiernan, Gail	65
Houde, Dr. Edward	22,64	MacKnight, Evelyn	52
Hug, Andrew	22,41	Macknis, Joseph	34
Huggett, Dr. Robert	51	Mader, Russ	40
Hyland, Gerald W.	61	Magnien, Dr. Robert . . .	35
Inouye, Col. Randall	10	Majerus, Cecily	5,11,14,47
Jachowski, Dr. Richard . .	64	Mandel, Ross	32
Jarboe, Robert	62	Martin, William	57
Jenver, Pete	22	Marx, Peter J.	18,48,72
Johnson, R. Bruce	56	Matuszeski, William . . .	6,9,47,71
Jones, Dr. A. Jose	64	Mayer, Dr. Garry	65
Jones, Derral	48	McCree, Heidi	11
Jones, Philip	22	McDonnell, Dr. Archie . .	65
Jordar, Dr. Steve	22	Mihursky, Dr. Joseph . . .	35
Joyner, Ron	72	Miller, Cheri	52
Kalish, Mark	56	Miller, Edmund	11,48,72
Karikari, Timothy	40	Minock, Larry	7,23
Karimi, Hamid	34	Monti, Michele	55
Kearney, Dr. Philip	66	Murphy, George P.	62
Kelly, Sharon Pratt	4	Nelson, Jack E.	56
Kennedy, John	51	Nelson, Steven	63
Kerby, Gordon	51	Newell, Roger	66
Keras, Dr. Waldon	66	Oliver, Dr. C. S.	65
Key, Anita	52	Olmi, Dr. Eugene	66
King, Howard	22	Olson, Steve G.	52,72
King, Jack	56	Palmer, Ira	23
Klanda, Dr. Ron	23	Parker, Bruce	32
Koch, Stella	57	Parker, Nancy K.	62
Kopt, Virgil	10	Peechatka, Walter N. . . .	11
Kostmayer, Peter H. . . .	6	Pennington, Robert	40,47,52
Kozyak, Paul	31	Permenter, Michael	52
Krennasky, Michael	10,14	Pettyjohn, Russell	62
Kreitner, Ronald	6	Phelps, Dr. Harriette . . .	52,66
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Laird, Robia	34	Picarelli, Kathleen	18
Lawson, Dr. Marvin	52	Pionke, Dr. Harry B. . . .	65
Leggett, Isiah	62	Pochter, Ted	48
Leslie, Gretchen	18	Pollock, Alan	51
Lietman, Patricia	40	Pomeroy, Walter L.	57
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Lipman, John	23,52	Powell, Royden	40
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Rickards, Dr. William . . .	65	Whiteway, Stephen	62
Riedel, Michele P.	18	Whitney, William J.	12,15,47,56
Riley, Lewis	6	Whitworth, Sylvia	7,12,15
Rolband, Michael S.	57	Winstead, Thomas C.	57
Sachs, Herbert M.	11	Wirt, Clay	62
Sage, Dr. Louis	65	Wise, Helen D.	6
Savitz, Jacquelin	52	Wolf, John	49
Schaefer, William Donald . .	4	Wolf, Susan	19
Schemm, Dr. Charles	66	Wolflin, John	12,24,73
Schultz, Gwynne	23	Zeni, Lee	24
Seitzinger, Dr. Sybil	32		
Setting, Mary Ellen	53		
Sellner, Dr. Kevin	35		
Shertzer, Richard	35		
Shuyler, Lynn	40		
Simpson, Thomas W.	40		
Smith, Barry	67		
Smith, Dr. Gordon	32,65		
Smith, Price	23		
Speiran, Gary	53		
Steele, Dr. Sidney	67		
Stenger, Cynthia	35		
Stigall, G. Edward	14		
Stokes, Harry	62		
Swanson, Ann Pesiri	6,11,14,19,47		
Swartz, Paul	12,14,34		
Swiger, Dr. L. A.	65		
Taylor, Dennis L.	65		
Taylor, Dr. Alan	41,67		
Taylor, Linda	19		
Terlizzi, Daniel	23		
Thillmann, John H.	47,65		
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Turgeon, Dr. A. J.	67		
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