

Division, which merged with the Watershed and Growth Management Division to form the Coastal and Watershed Resources Division in 1992. In 1995, the Program was placed under the Chesapeake and Coastal Watershed Service and renamed Coastal Zone Management Division.

The Division is composed of five programs: Chesapeake Bay National Estuarine Research Reserve System—Maryland; Coastal Bays National Estuary; Coastal Zone Management; Public Involvement; and Tributary Strategies.

The *Chesapeake Bay National Estuarine Research Reserve System—Maryland* was created in accordance with the federal Coastal Zone Management Act of 1972. The System protects representative estuarine systems, including valuable wetland habitat, for use as natural field laboratories. The System maintains three reserves on Chesapeake Bay: Otter Point Creek Component, Harford County; Monie Bay Component, Somerset County; and Jug Bay Component, Anne Arundel County. Each reserve is a field laboratory supporting several monitoring, research and educational programs.

The Division administers the *Coastal Zone Management Program* with grants from the National Oceanic and Atmospheric Administration. The Program is based upon the laws, regulations, authorities, expertise, and perspectives of six State Departments (Agriculture, Budget and Management, Health and Mental Hygiene, Housing and Community Development, Natural Resources, and Transportation); sixteen coastal counties and Baltimore City; two regional planning agencies; and numerous federal agencies.

The *Public Involvement Program* seeks help from civic and community associations, environmental groups, businesses, and local governments to protect and restore watersheds.

The *Tributary Strategies Program* coordinates the development and implementation of nutrient reduction strategies for each of the Bay's major tributaries, as specified by the 1992 amendments to the Chesapeake Bay Agreement.

GEOGRAPHIC INFORMATION SERVICES DIVISION

William S. Burgess, *Director*
(410) 974 2721

In 1995, geographic information systems from the Water Resources Administration, the Tidewater Administration, and the Chesapeake Bay Critical Area Commission were consolidated to form the Geographic Information Services Division.

The Division includes two programs: Geographic Data Production, and Geographic Systems Management. Together, they provide the basic data for comprehensive watershed management, restoration, and enhancement of the Chesapeake Bay.

WATERSHED MANAGEMENT & ANALYSIS DIVISION

William A. Jenkins, *Director*
(410) 974-2985

The Watershed Management and Analysis Division identifies sources of nonpoint pollution throughout the State as a key element of Maryland's restoration of Chesapeake Bay. The Division also evaluates efforts at and defines options for comprehensive, cost-effective control of nonpoint source pollution.

Through research and technical analysis, the Division evaluates water quality statewide, particularly trends that affect Chesapeake Bay and its tributaries. The Division also coordinates its work with the Office of the Governor, other State agencies, neighboring states, and the federal government.

To protect Chesapeake Bay and its watersheds, the Watershed Management and Analysis Division provides technical and analytical expertise to agencies and organizations concerned with watershed management and resource protection. The Division works through three programs: Ecological Processes; Watershed Analysis and Modeling; and Watershed Management and Planning.

WATERSHED RESTORATION DIVISION

Frank W. Dawson, *Director*
(410) 974-3016

The Watershed Restoration Division develops and prioritizes watershed management plans and projects to maintain water quality and wildlife habitats. Through technical assistance and training, the Division helps local governments and interested persons assess stream systems and implement watershed restoration plans and projects. The effects of these plans and projects are evaluated by the Division to ensure that environmentally beneficial and cost effective practices are incorporated.

The Division has three programs: Riparian and Wetland Restoration; Watershed Assessment and Targeting; and Watershed Evaluation.

WATERWAY RESOURCES DIVISION

Jody Roesler, *Director*
(410) 974-2936

The Waterway Resources Division derives from the Planning and Policy Program formed within the Boating Administration in 1988. The Division received its current name under the Chesapeake and Coastal Watershed Service in November 1995.

For the Chesapeake Bay and its tributaries, the Division develops waterway management plans that allow for multipurpose use while maintaining resource protection goals. The Division administers a marine sewage pumpout program, petroleum control program, and the State's initiative to provide public access to waterways. The Division has two sections: Clean Waterway Practices; and Waterway Analysis.