

Maryland Water Monitoring Council

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Biographical Sketches of Authors

William Stack is a Program Administrator of the City of Baltimore's Water Quality Management Section in the Department of Public Works and has served in that capacity since 1989. He has a B.S. and M.S. Degree in Biology and is a registered Professional Engineer. The principal responsibilities of his section include the Municipal Stormwater Permit Program, Source Water Protection Program, and Flood Warning Program. His section is involved in numerous water monitoring studies involving the urban streams and source water tributaries and reservoirs. Mr. Stack participates in numerous professional organizations and is chair of the Maryland water Monitoring Council.

Robert J. Shedlock is the Associate Chief of the Maryland-Delaware-District of Columbia Office of the USGS in Baltimore, MD. He joined the U.S. Geological Survey in 1976 after earning a B.S. degree in geology from the University of Notre Dame and a Masters degree in geology from the University of Michigan. His professional experience includes published work in ground-water flow and quality, wetland hydrology, regional water-quality assessment, and urban hydrology. He is a member of the American Geophysical Union and the Society of Wetland Scientists. He currently serves as the vice chairman of the board of the Maryland Water Monitoring Council.

Abstract

The Maryland Water Monitoring Council (MWMC) was formed in 1995 to facilitate communication, coordination, and collaboration among government agencies and other organizations involved in water monitoring in Maryland. The council accomplishes these goals through a series of forums including an annual conference, topical workshops, and several standing and ad hoc committees that meet several times a year. MWMC committees deal with a range of topics including monitoring and assessment, data management, and program coordination.

An executive board consisting of members who serve multi-year rotational terms guides the council. The members represent several stakeholder groups including local, State, and federal government agencies, the academic community, consultants, and non-governmental organizations involved in water monitoring. The board is supported by an executive secretary whose time is provided by the Maryland Department of Natural Resources.

The council employs ad hoc workgroups and roundtables to address statewide monitoring issues. In 1997, MWMC formed a work group that produced an extensive report on the stream gage network including recommendations for addressing gaps in the network. The stream gage network subsequently grew by over 30%. Recently, a similar work group has been evaluating the ground-water level network and is preparing a report on its findings. The council also sponsors an annual stream roundtable meeting in late winter to allow agencies to present their stream monitoring plans for the next field season so that opportunities for collaboration can be identified.

In 2002 the Board of Directors began the process of developing a strategic plan to coordinate the activities of the Council and to identify the resources needed to accomplish the Council's goals.

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