**Gary Thomas Fisher**

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Baltimore, MD 21214

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WORK EXPERIENCE

**Retired**

**12/01/2013 – Present**

Scientist Emeritus, U.S. Geological Survey

Collaborator, Baltimore Ecosystem Study.

Special investigations with USGS Office of Surface Water.

Urban initiatives with USGS MD-DE-DC Water Science Center.

US Technical Advisory Group to ISO Technical Committee 113 (Hydrometry).

**U.S. Geological Survey**

**Office of Water Information**

**Baltimore, Maryland**

**10/01/2007 – 11/30/2013**

**(Retired)**

**Grade Level: GS-14**

Hydrologist

Manager, Office of Water Information Special Projects, 2007-2013.  
Field Computing Information and Support, WaterAlert, WaterNow, Data Discovery

Co-developer, NWIS Mapper, 2009-2013.

Chair, NWIS Web User Group, 2007-2013.

Team Leader, National Annual Water Data Report, 2005-2013.

Responsible for representing Office on issues relevant to information technology, support to field data program, and data dissemination; including at Water Senior Staff, Information Technology Advisory Committee, Data Conferences, and public forums.

**U.S. Geological Survey**

**MD-DE-DC Water Science Ctr**

**Baltimore, Maryland**

**04/1992 – 09/30/2007**

**Grade Level: GS-13**

Hydrologist

Office of Water Information, Leader, National Water Data Report, 2005-2013.

Surface-Water Specialist, MD-DE-DC, 1996-2007.

Data Chief (Acting), MD-DC-DC, 2004-2005.

Co-P.I., Baltimore Ecosystem Study (NSF-LTER), 1997-2007.

Chief, Automated Information Management Section, 1995-1996.

Surface-water specialist for Potomac NAWQA; 1992-1995.

Supervisory Hydrologist, 1995-1996, 2004-2005.

**Daft-McCune-Walker, Inc.**

**Towson, Maryland**

**11/1989 – 04/1992**

Environmental/GIS Specialist

Develop GIS applications for landscape architecture and consulting engineer for land development.

Project Chief for Maryland 1990 statewide GIS, including land cover, land cover change, soils, streams, and zoning.

**Towson University**

**Department of Geography**

**Towson, Maryland**

**09/1987 – 05/1989**

Lecturer

Develop and teach Water Resources Planning class to seniors and graduate students (twice). Develop and teach Models for Water Resources Planning to graduate students.

**U.S. Geological Survey**

**MD-DE-DC Water Science Ctr**

**Baltimore, Maryland**

**11/04/1979 – 11/03/1989**

**Grade Level: GS-12**

Hydrologist and Research Hydrologist

Project Chief, Patuxent Nonpoint Source Monitoring and Modeling.

USGS Project Chief, Baltimore study of the Nationwide Urban Runoff Program.

**Century Engineering, Inc.**

**Towson, Maryland**

**05/1978 – 11/1979**

Project Engineer

Flood Insurance Studies and study revisions.

Hydrology and hydraulics engineering studies, including storm water.

**University of Maryland**

**College Park, Maryland**

**05/1976 - 05/1978**

Faculty Research Assistant

Research engineer.

Hydrologic modeling research.

Field design for agricultural nonpoint pollution studies.

**USDA Agricultural Research**

**Beltsville, Maryland**

**01/1974 - 05/1976**

**Grade Level: GS-05**

Mechanical Engineering Technician

Research technician.

Assignment for Cooperative Education Program.

EDUCATION

University of Maryland

College Park, Maryland

Master's Degree - 8/1984

32 Semester Hours

Major: Agricultural Engineering

University of Maryland

College Park, Maryland

Bachelor's Degree - 5/1976

136 Semester Hours

Major: Agricultural Engineering

Virginia Tech

Blacksburg, Virginia

Most College Coursework Completed – transferred 5/1975

Major: Agricultural Engineering

Transferred to University of Maryland

Received Virginia Tech Certificate for completion of Cooperative Education Program

AFFILIATIONS

American Society of Agricultural and Biological Engineers, Member

ADDITIONAL INFORMATION

Registered Professional Engineer in Maryland (No.12756), 1982.

USGS, Land Remote Sensing Program Advisory Group, 2002-2004.

Baltimore Ecosystem Study, Long-Term Ecological Research (LTER) Steering Committee, 1997-2007.

Co-Chair, first USGS bureau-wide workshop on internet dissemination of scientific information, EROS Data Center, Sioux Falls, South Dakota, 1997.

USGS Water Resources Division team for Strategic Planning for Internet Dissemination, Exploration, and Retrieval (SPIDER), 1995-1998.

Mentor to Yale University Urban Resources Initiative, 1990-1992.