

D. Phil Turnipseed

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EMPLOYER:

U.S. Geological Survey
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EDUCATION:

Louisiana State University, M.E., 1986, Civil Engineering
Mississippi State University, 1980-81, Graduate photogrammetry major
Mississippi State University, B.S., 1977, Forestry
Delta State University, Biology major, 1971-72, Fall 1976

JOB TITLE, SERIES, GRADE, DATE OF LAST PROMOTION:

Supervisory Physical Scientist, GS-1301, 15, 11/08/10

FIELDS OF PRINCIPAL COMPETENCE:

Surface Water Hydrologic Monitoring and Analysis
Open Channel Hydraulics
Fluvial Geomorphology
Remote Sensing Technology

AWARDS AND HONORS:

Department of the Interior Superior Service Award (2006)
USGS Star Awards (1996-2012)
USGS WRD Unit Award for Excellence (1993, 1995)

PROFESSIONAL ASSIGNMENTS AND COMMITTEES:

Member, American Society of Civil Engineers Navigation Engineering Task Committee (2011 to present);
Managing Board Member, Lower Mississippi Valley Joint Venture (2011 to present);
Managing Board Member, Gulf Coast Joint Venture (2010 to present);
Member, National Committee on Levee Safety (2007 to present);
Member, American Society of Civil Engineers Task Committee on Bridge Scour (May 2005 to present);
Member, Interagency Performance Evaluation Task Force (IPET) (October 2005 to present);
Member, Interagency FEMA Levee Policy Review Task Committee (January 2006 to present);
Acting Secretary, ISO Subcommittee 5 on Instruments, Equipment, and Data Management, Technical Committee 113 on Hydrometry (May 2005 to present);
Professional Engineer, Mississippi Board of Registration for Engineers and Land Surveyors, 1996;

PROFESSIONAL SOCIETIES:

American Society of Civil Engineers (1984-to present);
Xi Sigma Pi (1981 to present);
Diplomate, American Academy of Water Resources Engineers, (2007 to present);

OTHER EDUCATION AND TRAINING

| DATE | PROVIDER | TITLE | HOURS |
|----------|----------|--|-------|
| 05/02/11 | USGS | Leadership 101 (NCTC) | 40 |
| 09/29/08 | EOE | Harassment in the Federal Workplace (Ethics) | 2 |
| 04/08/06 | VA-DMV | Defensive Driving Certification | 4 |
| 06/07/02 | PRIV | CPR for the Professional Rescuer | 8 |
| 06/11/01 | PRIV | Annual CPR and Community First Aid | 8 |
| 02/23/99 | PRIV | Mgmt. Problems of the Tech. person in Leader | 8 |
| 09/18/98 | PRIV | How to criticize and discipline employees | 8 |
| 08/17/98 | OSW | FESWMS Workshop | 16 |
| 06/04/98 | PRIV | CPR for the Professional Rescuer | 8 |
| 03/27/98 | PRIV | Interpersonal Communications Skill | 8 |
| 03/18/98 | PRIV | Managing Multiple Projects, Goals etc. | 8 |
| 02/12/98 | WRD | Writing and editing hydrologic reports | 24 |
| 01/26/98 | PRIV | Coaching, Criticism, an Discipline for Mgrs. | 8 |
| 12/05/97 | WRD | Motorboat Operator Training | 32 |
| 08/20/97 | PRIV | LRGS Training Course | 24 |
| 06/04/97 | DIST | Hazardous materials training | 8 |
| 06/03/97 | REDCR | Community CPR | 8 |
| 05/19/97 | OSW | Instructor, Meas. of flow using ADCPs | 36 |
| 02/20/97 | NOGO | Presentations with Confidence and Power | 8 |
| 03/28/96 | NOGO | HANDAR 555 Training Workshop | 24 |
| 11/03/95 | DIST | Quality Council Training | 24 |
| 07/13/95 | OSW | Measurement of Streamflow using ADCP's | 40 |
| 06/16/95 | OPM | Personnel Mgmt. for Supervisors and Mgrs. | 40 |
| 12/03/93 | IRS | Facilitator Training | 36 |
| 04/09/93 | NTC | WRD - QIC Coordinator Training (G1304) | 100 |
| 02/19/93 | AREA | QIC Awareness Training | 24 |
| 01/14/93 | DIST | Introduction to Total Quality Management | 8 |
| 05/22/92 | REG | Introduction to Supervision and Management | 40 |
| 05/01/92 | NTC | Advanced SW Hydraulics Analysis (G0093-A) | 80 |
| 10/25/91 | REG | Implementation and calibration of BRANCH | 32 |
| 08/02/91 | OPM | Introduction to UNIX | 40 |
| 05/14/90 | NTC | Statistical Approach to Surface Water Analysis | 40 |
| 12/07/89 | REG | Problem Solving – WRD Project | 20 |
| 06/07/89 | REG | Introduction to the Principle of the WRD | 20 |
| 06/05/89 | REG | WRD Orientation for new employees | 16 |
| 04/07/89 | NTC | River Mechanics | 36 |
| 02/03/89 | REG | Surface Water Techniques | 28 |
| 11/17/88 | NTC | MS District Reports Writing Workshop | 24 |
| 11/04/88 | NTC | Probability and Statistics for Data Analysis | 40 |
| 05/13/88 | REG | Indirect Measurement of Peak Discharge | 36 |
| 03/28/88 | DIST | Applied FORTRAN 77 | 36 |
| 02/12/88 | NTC | Basic Hydraulic Principles | 40 |
| 11/06/87 | DIST | Wilderness First Aid | 16 |

WORK EXPERIENCE NARRATIVE

USGS National Wetlands Research Center (11/08/10-Present) - Center Director, USGS, National Wetlands Research Center, Lafayette, LA: [Director of the National Wetlands Research Center \(NWRC\)](#). Duties include the planning, design, and management of the NWRC. As leader of the Executive Management Team (EMT), responsible for managing over \$15M in research and outreach activities that include global expertise in: Forest and Wetlands Ecology and Geospatial Analysis. Authored the development of the NWRC Environmental Quality Program to improve employee health and welfare; Wrote the NWRC Strategic Science Plan 2010-2015;

USGS OFFICE OF SURFACE WATER (09/01/04-Present) - Hydrologist: USGS-WRD, Reston, VA: [Hydrologist with the USGS Office of Surface Water](#). Duties included:

- Coordinator, USGS-USACE Cooperative Streamgaging Program
- Coordinator, USGS-IJC Cooperative Streamgaging Program
- Manager, WRD Discontinued Station Maintenance – Capital Improvement Program
- Coordinator, WRD Compacts Activities
- Advisor, water related safety activities and issues
- Coordinator, WRD annual data collection station count and report

Representation

- Primary WRD liaison, HQ USACE
- Primary WRD liaison, HQ NOAA
- Primary liaison, Water Survey Canada Agency and the Environment Canada Ministry
- Member, American Society of Civil Engineers Task Committee on Bridge Scour
- Member, Interagency Task Committee for FEMA Levee Policy
- Member, Interagency Performance Evaluation Task Force (IPET)
- Delegate, ISO Technical Committee 113 on Hydrometry, Subcommittee 5 on Instruments, Equipment, and Data Management
- OSW representative, Web 2.0 issues
- Diplomat, American Academy of Water Resources Engineers

Worked in support of maintaining the quality assurance/quality control of a nationwide network of near real-time surface water streamgages. Was responsible for developing approaches to complex surface-water flow situations; for providing technical advice to other professionals and hydrologic technicians on standard methods and procedures for collecting surface water data; Led reviews of surface water records in USGS State Water Science Centers within the U.S.; Wrote proposals for interpretive surface water studies; Critically reviewed reports prepared by other professional personnel; Reviewed and prepared national policy and guidelines for hydrology and hydraulics; Authored interpretive reports and techniques and methods for publication for both USGS and scientific journals.

USGS National Wetlands Research Center (03/15/09-05/17/09) - Acting Deputy Center Director, USGS, National Wetlands Research Center, Lafayette, LA: [Acting Deputy Director of the National Wetlands Research Center \(NWRC\)](#). Duties included the day-to-day management of the NWRC. As a member of the Executive Management Team (EMT), was responsible for assisting the Director in managing over \$15M in research and outreach activities that included global expertise in: Forest and Wetlands Ecology and Geospatial Analysis. Authored the development of the NWRC Environmental Quality Program to improve employee health and welfare; Wrote the NWRC Strategic Science Plan 2010-2015;

USGS TEXAS DISTRICT (06/16/03-08/31/04) – Surface Water Specialist: USGS-WRD, Austin, TX: [Surface Water Specialist for USGS Texas Water Science Center](#). Was responsible for quality control/assurance of surface water related data collection and investigative projects for 6 offices in the State. Responsibilities included: the quality assurance/quality control of a statewide network of >450 continuous, near real-time surface water streamgages; developing approaches to complex surface-water flow situations; providing technical advice to other professionals and hydrologic technicians on standard methods and procedures for collecting surface water data; and the planning and design construction of surface water streamgages; Reviewed comprehensive analysis of surface water records; Checked and reviewed all discharge rating curves; Wrote proposals for interpretive surface water studies; Critically

reviewed reports prepared by other professional personnel; Authored interpretive reports for publication for both USGS and scientific journals.

USGS SURFACE WATER QA/QC (05/01/03-09/30/04) - Hydrologist: USGS, Tegucigalpa, Honduras, C.A.: [Principal Investigator of a study to develop a surface water monitoring quality control/quality assurance plan for Honduras in cooperation with U.S. Agency for International Development \(USAID\)](#). The plan was written to serve as a template to assist the development of surface water monitoring network throughout Central America. Developed project work plan and coordinated the efforts of 11 USGS persons to upgrade and flood harden 23 hydrologic monitoring stations with near real-time reporting capacity output to in country regional websites. Coordinated the installation and operation of 4 satellite downlinks to receive data near real-time from over 70 streamgages in Honduras. Led the installation of a PC-based multi-purpose database with the ability to store, quality assure, analyze, and publish surface water statistics in a coordinated multi-agency effort to initiate the archiving surface water resources for Honduras. Recruited, coordinated and led training classes on the operation of PC-based data base software and on hydrologic data collection, analysis and publication. Published 2003 climatic water resources data report for Honduras; Worked in close contact and maintained working relationships with the USAID/Honduras, U.S. Embassy, and host-country counterparts within ten Honduran water and emergency management agencies and two Honduran universities.

USGS INTERPRETIVE STUDIES (04/01/01-06/13/03) - Hydrologist: USGS-WRD, Jackson MS: Project chief of a study to delineate and digitize hydrologic unit codes (watershed boundaries) for the State of Mississippi in cooperation with the U.S. Department of Agriculture Natural Resources Conservation Service, the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Automated Resources Information System. Wrote proposals for interpretive surface water studies; Critically reviewed reports prepared by other professional personnel; Authored interpretive reports for publication for both USGS and scientific journals.

USGS VILLAGE FLOOD WATCH PROJECT (05/01/02-12/07/02) - Hydrologist: USGS, Gaborone, Botswana, Africa: [Principal Investigator of a study to develop pilot early flood warning system in the Limpopo River basin in Botswana in cooperation with U.S. Agency for International Development \(USAID\)](#). Developed project work plan and coordinated the efforts of 11 USGS persons to build 3 new and upgrade 3 hydrologic monitoring stations and build 2 new meteorological monitoring stations with near real-time reporting capacity output to a regional website at SADC-HYCOS in South Africa. Coordinated the efforts of a team of USGS hydrologists to develop stage/discharge relations at 8 streamgages in the Limpopo River basin in coordination with extreme flooding in 1995-2000. Field surveys were measured and step-backwater computations were published for 8 sites in the Limpopo River basin on CD-ROM. Coordinated two training classes on hydrologic runoff modeling and electronic and data collection platform maintenance and operation. Close contact and working relationships were maintained with the USAID Regional Center for Southern Africa, U.S. Embassy, and host-country counterparts the Botswana Departments of Water Affairs, Meteorological Services, Roads, and the National Disaster Management Office.

USGS HURRICANE MITCH PROGRAM (04/01/01-10/01/01) - Hydrologist: USGS, Guatemala City, Guatemala, C.A.: [Team leader of a study to develop stage/discharge relations at 9 real-time continuous recording streamgages in El Salvador and Guatemala, C.A. in coordination with extreme flooding caused by Hurricane Mitch in 1998](#). Field surveys were measured and step-backwater computations were published for 6 sites in the Rio Lempa, Rio Sumpul and Rio Grande de San Miguel drainage basins in El Salvador, and 3 sites on the Rio Ostua and Rio Coyolate drainage basins in Guatemala. Close contact was maintained with host-country counterparts of SMHN in El Salvador and INSIVUMEH in Guatemala. Training class was given on total station surveying.

USGS HYDROLOGICAL DATA SECTION (10/01/92-03/31/01) - Supervisory Hydrologist: USGS-WRD, Jackson, MS: [Project chief of statewide network of >125 surface water streamgages](#). Was responsible for developing approaches to complex surface-water flow situations; provided technical advice to other professionals and hydrologic technicians on standard methods and procedures for collecting surface water data; planned and designed construction of surface water streamgages; Reviewed surface water records; Checked and reviewed all discharge rating curves; Wrote proposals for interpretive surface water studies; Critically reviewed reports prepared by other professional personnel; Authored interpretive reports for publication for both USGS and scientific journals.

USGS INTERPRETIVE STUDIES (10/22/89-09/30/92) – Civil Engineer/Hydrologist: USGS-WRD, Jackson, MS Project chief of study to develop a better methodology to estimate channel meandering in cooperation with the Mississippi Department of Transportation; Trained young engineers in routine maintenance and measurement of surface water streamgaging trip; Modeled local scour at bridges; Worked on U.S. Army COE - DEC project to collect QW data at select sites in northern MS.

USGS INTERPRETIVE STUDIES (10/13/87-10/22/89) - Civil Engineer: USGS-WRD, Jackson, MS: [Hydraulic flood study analyses on bridge sites draining >1000 acres for Mississippi Department of Transportation \(MDOT\)](#); Worked in support of a channel stability project with MDOT involving study of channel-bed degradation and channel-bank widening estimation on modified streams in north central Mississippi, which resulted in a series of reports at selected stream crossings; worked on national and state-wide project to study local scour at bridges; Operated surface water gaging maintenance trip; Sampled and monitored groundwater and water quality stations;

REMOTE SENSING / IMAGE PROCESSING LABORATORY (03/05/84-09/01/86) - Research Associate: Remote Sensing and Image Processing Laboratory, Department of Civil Engineering, LSU, Baton Rouge, LA: Project chief of an environmental assessment study funded by USDA-Soil Conservation Service to document land loss in coastal wetlands; Supervised processing, interpretation, and application of remote sensing technology in the Cameron-Creole Watershed of southwest Louisiana; Geotechnical identification of hazardous waste site cleanup; Aerial photointerpretation ability; Multispectral digital interpretation and analysis; Extensive technical writing; Proposal and budget experience.

AMOSS CONSTRUCTION, CO., (03/01/82-03/05/84) - Carpenter: Amoss Construction Co., New Orleans, LA: Remodeling and restoration of historic register buildings in central business district in preparation for the 1984 Louisiana World Exposition; New home construction and remodeling and restoration of older homes in the historic garden district and Audubon Park area; Extensive foundation work; Helped restore St. Patrick's Cathedral; and restored and remodeled buildings for Tulane University and in the New Orleans warehouse district for the Historic New Orleans Museum; Journeyman carpenter status.

MISSISSIPPI REMOTE SENSING CENTER (01/05/80-10/01/81) - Laboratory Manager-Research Associate: Mississippi Remote Sensing Center, Miss. State, Mississippi: Manual and digital processing of remotely sensed data for input to Geographic Information System (GIS) used for environmental assessment studies; Field work included forest habitat and wetland identification and classification and timber volume estimates; Cartographic drafting and production of map atlas of Tennessee-Tombigbee River Project; Project chief of a study to develop a unique spectral signature for gravel mining detection using Landsat multi-temporal, multi-spectral digital data.

SMITHONIAN INSTITUTION / U.S. PEACE CORPS (10/13/77-12/01/79) - Forest Engineer: Smithsonian Institution/U.S. Peace Corp., Cuenca, Ecuador, S. A.: Supervised up to 15 man crews in reforestation project in southern sierra of Andes Mountains in Ecuador; R&D of 8-year ongoing exotic and native tree species experimental plots in various climates through mountains and into foothills of Amazon Basin; Annual administrative reports (in Spanish) to interactive agencies (i.e. USAID, FAO, CARE, Host-country development agencies); Accessed funds through grants for community projects such as nurseries, potable water, and bridge construction; Speak fluent Spanish.

BIBLIOGRAPHY

PUBLISHED ANNUAL USGS_WRD STATEWIDE DATA REPORTS

- Morris, F.M. III, **Turnipseed, D.P.**, and Storm, J.B., 2003, [Water Resources Data in Mississippi in Water Year 2002: U.S. Geological Survey Water-Data Report MS-02-1](#), 416p.
- Morris, F.M. III, **Turnipseed, D.P.**, and Storm, J.B., 2002, Water Resources Data in Mississippi in Water Year 2001: U.S. Geological Survey Water-Data Report MS-01-1, 252p.
- Plunkett, M.L., Morris, F.M. III, and **Turnipseed, D.P.**, 2001, Water Resources Data in Mississippi in Water Year 2000: U.S. Geological Survey Water-Data Report MS-00-1, 366p.
- Plunkett, M.L., Morris, F.M. III, Oakley, W.T., and **Turnipseed, D.P.**, 2000, Water Resources Data in Mississippi in Water Year 1999: U.S. Geological Survey Water-Data Report MS-99-1, 242p.
- Plunkett, M.L., Morris, F.M. III, Oakley, W.T., and **Turnipseed, D.P.**, 1999, Water Resources Data in Mississippi in Water Year 1998: U.S. Geological Survey Water-Data Report MS-98-1, 288p.
- Plunkett, M.L., Morris, F.M. III, Oakley, W.T., and **Turnipseed, D.P.**, 1998, Water Resources Data in Mississippi in Water Year 1997: U.S. Geological Survey Water-Data Report MS-97-1, 308p.
- Plunkett, M.L., Morris, F.M. III, Oakley, W.T., and **Turnipseed, D.P.**, 1997, Water Resources Data in Mississippi in Water Year 1996: U.S. Geological Survey Water-Data Report MS-96-1, 324p.
- Plunkett, M.L., Morris, F.M. III, Oakley, W.T., and **Turnipseed, D.P.**, 1996, Water Resources Data in Mississippi in Water Year 1995: U.S. Geological Survey Water-Data Report MS-95-1, 295p.
- Plunkett, M.L., Morris, F.M. III, Oakley, W.T., and **Turnipseed, D.P.**, 1995, Water Resources Data in Mississippi in Water Year 1994: U.S. Geological Survey Water-Data Report MS-94-1, 313p.
- Plunkett, M.L., Morris, F.M. III, Oakley, W.T., and **Turnipseed, D.P.**, 1994, Water Resources Data in Mississippi in Water Year 1993: U.S. Geological Survey Water-Data Report MS-93-1, 428p.

PUBLISHED PAPERS AND REPORTS

Turnipseed, D.P., Allen, Y., Couvillion, B., McKee, K.L., and Vervaeke, W.C., 2013, The 2011 Floods in the Central United States: Chapter I. Ecosystem Impacts in the lower Mississippi River Basin (in review): U.S. Geological Survey Circular XXXX, XXX p.

Turnipseed, D.P., 2012, [Science implementation of Forecast Mekong for food and environmental security](#): U.S. Geological Survey Fact Sheet 2012-3086, 4 p.

Turnipseed, D.P., 2011, [Forecast Mekong](#): U.S. Geological Survey Fact Sheet 2011-3076, 2 p.

Turnipseed, D.P., 2011, [Forecast Mekong: 2011 update](#): U.S. Geological Survey General Information Product 130, 8 p.

- Stoker, J.M., **Turnipseed, D.P.**, and Wilson, K.V., 2011, [Using Regional-scale Pre- and Post Hurricane Katrina Lidar for Monitoring and Modeling](#): Chapter 30 *in* *Recent Hurricane Research - Climate, Dynamics, and Societal Impacts*, Anthony Lupo (Ed.), ISBN: 978-953-307-238-8, InTech, pp. 575-592.
- Sauer, V. B. and **Turnipseed, D. P.**, 2010, [Stage measurements at gaging stations](#): U.S. Geological Survey Techniques and Methods Book 3, Chapter A7, 45 p.
- Turnipseed, D. P.**, and Sauer, V. B., 2010, [Discharge measurements at gaging stations](#): U.S. Geological Survey Techniques and Methods Book 3, Chapter A8, 87 p.
- Olsen, J.R., White, K.D., Kiang, J.E., and **Turnipseed, D.P.**, Water resources and stability: Changing climate impacts to water resources: Implications for stability: U.S. Army Corps of Engineers *in* Perspectives on Political and Social Regional Stability Impacted by Global Crises-a social science context, Strategic multi-layer assessment (SMA) and U.S. Army Corps of Engineers Research and Development Directorate, 10 p.
- Brekke, L. D., Kiang, J.E., Olsen, J.R., Pulwarty, R.S., Raff, D.A., **Turnipseed, D. P.**, Webb, R.S., White, K.D., 2009, [Climate change and water resources management: A federal perspective](#): U.S. Geological Survey Circular 1331, 65 p.
- Wilson, K.V., Claire, M.G., **Turnipseed, D. P.**, and Rebich, R.A., 2009, [Watershed boundary dataset for Mississippi](#): U.S. Geological Survey Scientific Investigations Map 3020, 1 sheet.
- Wilson, K.V., Jr., Clair, M.G. II, **Turnipseed, D.P.**, and Rebich, R.A., 2009, [Development of a Watershed Boundary Dataset for Mississippi](#): U.S. Geological Survey Open-File Report 2008-1198, 8 p.
- Stoker, J.M., Tyler, D., **Turnipseed, D.P.**, Wilson, K.V., and Oimcen, M.J., 2009, [Integrating disparate lidar datasets for a regional storm surge analysis of Hurricane Katrina](#): Journal of Coastal Research, SI 53, p. 66-72, Charlottesville, VA, Online ISSN: 1551-5036, DOI: 10.2112/SI53-008.1.
- Turnipseed, D. P.**, and Ries, K.G. III, 2007, [National Streamflow Statistics Program: Estimating High and low streamflow statistics at ungauged sites](#): U.S. Geological Survey Fact Sheet 20-3010, 4 p.
- Runner, M.S., **Turnipseed, D. P.**, and Coupe, R.C., 2002, [Streamflow and water quality for the Yazoo River below Steele Bayou near Long Lake, Mississippi, 1996-2000](#): U.S. Geological Survey Water Resources Investigations Report 02-4217, 43 p.
- Turnipseed, D.P.**, Giese, G.L., Pearman, J.L, Farris, G.S., Krohn, M.D., and Sallenger, A.H., Jr., 1998, [Hurricane Georges: Headwater flooding, storm surge, beach erosion, and habitat destruction on the central gulf coast](#): U.S. Geological Survey Water Resources Investigations Report 98-4231, 6p.
- Turnipseed, D.P.**, Baldwin, W.T., Cooper, L.M., and Floyd, P.C., 1995, [Flooding in coastal areas of Mississippi and southeastern Louisiana, May 9-10, 1995](#): U.S. Geological Survey Fact Sheet FS-155-95, 2p.
- Turnipseed, D.P.**, 1994, [Lateral movement and stability of channel banks near four highway crossings in southwestern Mississippi](#): U.S. Geological Survey Water-Resources Investigations Report 94-4035, 42p
- Wilson, K.V., and **Turnipseed, D.P.**, 1994, [Geomorphic response to channel modifications of Skuna River at the State Highway 9 crossing at Bruce, Calhoun County, Mississippi](#): U.S. Geological Survey Water-Resources Investigations Report 94-4000, 43p.

Turnipseed, D.P., 1993, [Lateral movement and stability of channel banks near two highway crossings in the Pascagoula River basin in Mississippi](#): U.S. Geological Survey Water-Resources Investigations Report 93-4131, 32p.

Wilson, K.V., and **Turnipseed, D.P.**, 1992, [Channel and bank stability of Standing Pine Creek Tributary at State Highway 488 near Free Trade, Leake County, Mississippi](#): U.S. Geological Survey Open-File Report 93-37, 19p.

Turnipseed, D.P., and Baldwin, W.T., 1992, [Channel and bank stability of Bakers Creek at State Highway 547 near Port Gibson, Claiborne County, Mississippi](#): U.S. Geological Survey Open-File Report 92-636, 18p.

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Turnipseed, D.P., and Wilson, K.V., 1990, [Channel and bank stability of Twentymile Creek at U.S. Highway 45 near Wheeler, Prentiss County, Mississippi](#): U.S. Geological Survey Open-File Report 90-111, 16p.

Wilson, K.V., and **Turnipseed, D.P.**, 1990, [Channel and bank stability of Wolf Creek and a tributary at U.S. Highway 45 near Wheeler, Prentiss County, Mississippi](#): U.S. Geological Survey Open-File Report 90-110, 18p.

Wilson, K.V., and **Turnipseed, D.P.**, 1990, [Channel and bank stability of Osborne Creek at U.S. Highway 45 near Wheeler, Prentiss County, Mississippi](#): U.S. Geological Survey Open-File Report 89-581, 13p.

Turnipseed, D.P., and Wilson, K.V., 1989, [Channel and bank stability of Sand Branch tributary at State Highway 342 near Pontotoc, Pontotoc County, Mississippi](#): U.S. Geological Survey Open-File Report 89-241, 15p.

Wilson, K.V., and **Turnipseed, D.P.**, 1989, [Channel and bank stability of Big Black River Canal Tributary at U.S. Highway 82 at Stewart, Montgomery County, Mississippi](#): U.S. Geological Survey Open-File Report 89-35 16p.

Hill, J.M. and **Turnipseed, P.**, 1989, Spatial analysis of coastal land loss by soil type: Journal of Coastal Research, 5(1), p. 83-91, Charlottesville, VA, ISSN 0749-0208.

Turnipseed, David Phil and Miller, W. Frank, 1982, [Discrimination of active gravel operations using Landsat MSS data](#): Mississippi Mineral Resources, Institute, University of Mississippi, University, MS, Final Technical Report No. 82-1, April 1982.

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- Turnipseed, D.P.**, 2001, [Effect of drought conditions on Mississippi streams and rivers in 2000](#): *in* Proceedings of the 31st Annual Mississippi Water Resources Conference (April 10-11, 2001), Raymond, MS, pp. 188-200.
- Turnipseed, D.P.**, 2000, [Contrasting discharge computation methods in riverine and tidally affected flows in Mississippi](#): *in* Proceedings of the 2000 Joint Conference on Water Resources Engineering and Water Resources Planning and Management of the American Society of Civil Engineers (July 30 - August 2, 2000), The Hyatt-Regency Minneapolis, MN, 10p.
- Turnipseed, D.P.**, and Long, Lloyd G., 2000, [Measurement of 1999 drought conditions in Mississippi](#): *in* Proceedings of the 30th Annual Mississippi Water Resources Conference (April 18-19, 2000), Raymond, MS, pp. 338-348.
- Turnipseed, D.P.**, and Winters, K.E., 1999, Effects of Hurricane Georges on the Central Gulf of Mexico Coast: *in* Proceedings of the 1999 International Water Resources Engineering Conference of the American Society of Civil Engineers (August 8-12, 1999), The Westin Seattle, Seattle, WA, 10p.
- Turnipseed, D.P.**, and Winters, K.E., 1999, [Effects of Hurricane Georges on the Central Gulf of Mexico Coast](#): *in* Proceedings of the 29th Annual Mississippi Water Resources Conference (April 7-8, 1999), Raymond, MS, pp. 1-10.
- Turnipseed, D.P.**, Cooper, L.M., and Davis A.A., 1998, [Use of acoustic methodology and remote sensing techniques to measure unsteady flow on the Lower Yazoo River in Mississippi](#): *in* Proceedings of the 1998 International Water Resources Engineering Conference of the American Society of Civil Engineers (August 3-7, 1998), The Peabody Hotel, Memphis, TN, 6p.
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- Turnipseed, D.P.**, and Cooper, L.M., 1997, Monitoring the lateral movement and stability of four highway crossings in southwestern Mississippi: *in* Proceedings for the Conference on Management of Landscapes Disturbed by Channel Incisions (MLDCI), May 19-23, 1997, Oxford, MS, 6p.
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COLLEGE-LEVEL COURSED DEVELOPED, COORDINATED, AND/OR INSTRUCTED

1. USDOIGS-WRD-OSW Coordinator/Instructor in Indirect Measurement of Peak Discharge (SW1163)
2. USDOIGS-WRD-NTC Instructor in Advanced Surface Water Hydraulics Analysis (SW2009);
3. USDOIGS-WRD-NTC Instructor in Introduction so Surface Water Records Computation (SW1286);
4. USDOIGS-WRD-NTC Instructor/co-developer of Hydrographer Hydraulics (SW1163);
5. USDOIGS-WRD-NTC Instructor in Streamflow Measurements using Acoustic Doppler Current Profilers (SW1321);

COMMUNITY MEMBERSHIP & ACTIVITIES

1. Certified Coach – National Youth Sports Coaches Association 1990 – 2004; Certified Coach with the Mississippi Youth Soccer Association (MYSA);
 - a. Dizzy Dean Little League Baseball Coach
 - b. YMCA and School Soccer Coach
 - c. School Basketball Coach
 - d. Elementary School Football Coach
2. President of the St. Therese Athletic Association 1995-1998
3. League Director, Brandon Soccer League 2002-2003
4. St. Therese Catholic School Board Member 1995-1998
5. Scouts of America Adult Volunteer 1984 – present
6. Habitat for Humanity Volunteer in Jackson, MS

ANCILLARY SKILLS

6. Remote Sensing Specialist
7. Journeyman Carpenter
8. University Lab. Instructor
9. College Chemistry and Mathematics Tutor
10. Fluent Spanish Speaking and Technical Writing
11. Limited French speaking ability
12. College Instructor

AWARDS AND HONORS

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| 1. STAR AWARD | 11/2012 |
| 2. STAR AWARD | 11/2011 |
| 3. STAR AWARD | 01/2011 |
| 4. STAR AWARD | 11/2010 |
| 5. STAR AWARD | 10/2010 |
| 2. STAR AWARD | 09/2010 |
| 3. STAR AWARD | 01/2010 |
| 4. EXCEPTIONAL RATING: QUALITY STEP INCREASE | 10/2009 |
| 5. STAR AWARD | 09/2009 |
| 6. STAR AWARD | 07/2009 |
| 7. EXCEPTIONAL RATING: QUALITY STEP INCREASE | 12/2008 |
| 8. STAR AWARD | 07/2008 |
| 9. EXCEPTIONAL RATING: QUALITY STEP INCREASE | 12/2007 |
| 10. STAR AWARD | 11/2007 |
| 11. STAR AWARD | 07/2007 |
| 12. U.S. DOI SUPERIOR SERVICE AWARD | 10/2006 |
| 13. STAR AWARD | 12/2006 |
| 14. STAR AWARD | 12/2005 |
| 15. STAR AWARD | 09/2004 |
| 16. STAR AWARD | 12/2003 |
| 17. STAR AWARD | 09/2002 |

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| 18. STAR AWARD | 04/2002 |
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| 21. STAR AWARD | 10/1998 |
| 22. STAR AWARD | 10/1997 |
| 23. STAR AWARD | 08/1996 |
| 24. UNIT AWARD FOR EXCELLENCE OF SERVICE | 07/1995 |
| 25. SPECIAL ACHIEVEMENT AWARD | 05/1995 |
| 26. EXCEPTIONAL RATING: QUALITY STEP INCREASE | 07/1994 |
| 27. UNIT AWARD FOR EXCELLENCE OF SERVICE | 08/1993 |
| 28. SPECIAL ACHIEVEMENT AWARD | 06/1992 |