

**Stephen B. Taylor**  
Earth and Physical Sciences Department  
Western Oregon University

**EDUCATION**

- 1999    **Ph.D. - Geology**, West Virginia University, Morgantown, WV. Emphasis Area: Geology, Geomorphology and Hydrology.
- 1988    **Post-Master's Graduate Work (PhD-Level)**, Geology, University of New Mexico, Albuquerque, NM. Personal leave from program in 1989 for family reasons.
- 1985    **M.S. - Geology**, Washington State University, Pullman, WA. Emphasis: Clastic Depositional Systems, Fluvial Sedimentology, Sedimentary Basin Analysis.
- 1982    **B.S. - Geology**, Slippery Rock University, Slippery Rock, PA. Senior Thesis Topic: Subsurface Basin Analysis of Silurian Strata, Northwestern Pennsylvania.

**PROFESSIONAL EXPERIENCE**

- 2010-Present    **Professor of Geology**, Earth and Physical Science Department, Western Oregon University, Monmouth, Oregon.
- 2008-Present    **Chair, Division of Natural Sciences and Mathematics**, Western Oregon University, Monmouth, Oregon.
- 2005-2011        **Chair, Oregon State Board of Geologist Examiners**, Salem, Oregon.
- 2004-2010        **Associate Professor of Geology**, Earth and Physical Science Department, Western Oregon University, Monmouth, Oregon.
- 2007-2008        **Research Associate**, College of Forestry, Oregon State University, Corvallis, Oregon. (Sabbatical appointment at H.J. Andrews Experimental Forest).
- 2005                **Visiting Professor of Environmental Geology**, Environmental Science Department, Willamette University, Salem, Oregon.
- 1999-2004        **Assistant Professor of Geology**, Earth and Physical Science Department, Western Oregon University, Monmouth, Oregon.
- 2000-2003        **Project Coordinator**, PT3 Grant Initiative (Preparing Tomorrow's Teachers to Use Technology), College of Liberal Arts and Sciences, Western Oregon University,.
- 2001                **Visiting Professor of Geography**, Dept. of Geography, University of Oregon, Eugene, Oregon. Part-time sabbatical replacement.
- 1999                **Project Geologist**, U.S. Filter - Chester Engineers, Inc., Pittsburgh, Pennsylvania.
- 1995-1999        **Research Assistant**, Department of Geology and Geography, West Virginia University, Morgantown, West Virginia. Funded PhD student.
- 1993-1997        **Instructor**, Earth Sciences Department, California University of Pennsylvania, California, Pennsylvania.
- 1990-1995        **Instructor**, Division of Science and Technology, Westmoreland County Community College, Youngwood, Pennsylvania.
- 1990-1994        **Senior Hydrogeologist**, Anderson Geological Services, P.O. Box 1059, Washington, Pennsylvania.
- 1990                **Instructor**, School of Arts and Sciences, Waynesburg College, Waynesburg, Pennsylvania.

## **PROFESSIONAL EXPERIENCE (Cont.)**

- 1989-1990     **Hydrogeologist**, Geraghty and Miller, Inc., Environmental Consultants, Washington Trust Building, Washington, Pennsylvania.
- 1988-1989     **Research Assistant**, Dept. of Geology, University of New Mexico, Albuquerque, New Mexico.
- 1986-1987     **Project Scientist**, Dept. of Agronomy and Soils, Washington State University, Pullman, Washington.
- 1985            **Geophysical Survey Technician**, Practical Geophysics, Inc., 1634 Winder Lane, Salt Lake City, Utah.
- 1983-1984     **Teaching/Research Assistant**, Dept. of Geology, Washington State University, Pullman, Washington.

## **PROFESSIONAL CERTIFICATION**

- 2002-Present   **Oregon Registered Professional Geologist (G1968)**
- 1994-Present   **Pennsylvania Registered Professional Geologist (PG-001002)**

## **PROFESSIONAL SOCIETIES**

American Geophysical Union, Assoc. of American Geographers, Geological Society of America

## **CONTINUING EDUCATION AND PROFESSIONAL DEVELOPMENT**

- 2010            National Science Foundation Professional Development Workshop: “New Tools in Process-Based Analysis of Lidar Topographic Data”, University Corporation for Atmospheric Research (UCAR), Boulder, Colorado.
- 2007            Portland State University River Restoration Short Course: “EPP221 Introduction to River Restoration”, Portland, Oregon.
- 2006            Portland State University River Restoration Short Course: “EPP223 Stream Reconnaissance and Assessment Tools”, Portland, Oregon.
- 1993            National Institute of Construction Engineering Technicians (NICET) Short Course on the Installation of Geosynthetic Liner Systems: Environmental Applications and Quality Assurance/Quality Control.
- 1989, 1993     40 Hr OSHA Health and Safety Training for Hazardous Waste Workers

## **ACADEMIC HONORS**

- 2012            Outstanding Faculty Advising Merit Award, National Academic Advising Association
- 2010            Faculty Advisor of the Year, Western Oregon University
- 2010            Outstanding Achievement in Scholarly Research, Western Oregon University
- 1998            Selected as outstanding PhD student in Geology at West Virginia University with departmental nomination to Phi Kappa Phi honor society.
- 1997            Honorable Mention, Mackin Research Grant, Geological Society of America
- 1995-1996     Meritorious Graduate Scholarship, West Virginia University
- 1982            Graduated Summa Cum Laude, Geology, from Slippery Rock University.
- 1982            Charter member of Slippery Rock Chapter of Sigma Gamma Epsilon.
- 1981            Recipient of National Association of Geology Teachers Scholarship.
- 1981            Recipient of Outstanding Junior Award in Geology, Slippery Rock University.
- 1980            Recipient of Outstanding Sophomore in Geology, Slippery Rock University.
- 1978-1982     Dean's List Honor Student at Slippery Rock University.

## GRANTS-CONTRACTS-FELLOWSHIPS-FUNDED PROJECTS

- 2012-Present National Institute of Justice, Program for Applied Research and Development in Forensic Science: “Phase II - Application of Spatial Statistics and Probabilities to Latent Print Comparisons: Connecting Research to Forensic Practice” (2012 Submission; Co-PI with E. Dutton, P. Aldrich, B. Dutton; \$686,267; Review Pending)
- 2012-Present National Institute of Justice, Program for Basic Research to Support Forensic Science, “Spatial Analysis of Friction Skin Deformation and Fingerprint Distortion: A Novel Approach Using Geographic Information Systems and Geometric Morphometric Methods” (2012 Submission; Co-PI with E. Dutton, P. Aldrich, B. Dutton; \$606,382; Review Pending)
- 2011-Present National Science Foundation, Geoscience Education Program, “Improving General Education Outcomes through Learning-for-Use Modules in Introductory Earth Science Courses” (Oct. 2011 Submission, Co-PI with J. Templeton, P. Wade, and A. Schepige; \$121,158; Review Pending)
- 2011-Present Oregon Watershed Enhancement Board: “Water Quality Monitoring in the Mid-Willamette Valley” (Co-PI with P. Flatt, Cooperative Agreement with Oregon Dept. of Agriculture and Polk Soil and Water Conservation District, \$15,000)
- 2010-2011 NASA Oregon Space Grant: “Comparative Hydrogeomorphic Analysis of Western Oregon Watersheds Using Airborne Laser Swath Altimetry (LIDAR)” (Co-PI and faculty supervisor for B. Snook, WOU Student, \$5000)
- 2010-Present Contract Agreement Upper Nehalem Watershed Council: “GIS Analysis and Results from Rapid Bio-Assessment (RBA) and Limited Factors Analysis (LFA) in the Upper Nehalem Watershed, Tillamook County, Oregon” (PI with WOU student assistants, \$17,000)
- 2010-Present U.S. Environmental Protection Agency, Greater Research Opportunities (GRO) Fellowship for Undergraduate Environmental Study: “The Distribution and Occurrence of Nitrate in Groundwater Supplies of the Mid-Willamette Valley: Implications for Water Resource Management in the Monmouth-Independence Area, Oregon” (Co-PI and faculty supervisor for K. Dana, WOU Student, \$45,100)
- 2010-2011 NASA Oregon Space Grant: “Land Cover Analysis Utilizing Aerial Photography, Remote Sensing and Geographic Information Systems: Application to Riparian Zones in the Mid-Willamette Basin, Oregon” (Co-PI and faculty supervisor for R. Stanley, WOU Student, \$5000)
- 2009-Present National Institutes of Justice: “Application of Spatial Statistics to Latent Print Identifications: Towards Improved Forensic Science Methodologies” (Co-PI with E. Dutton and project team P. Aldrich, B. Dutton, \$685,800)
- 2008 Cascades Volcano Association: “Geomorphic Analysis of Late Quaternary Cinder Cones at Newberry Volcano, Central Oregon: Landform Evolution and Eruptive History in a Back-Arc Setting” (PI, \$500)
- 2007 National Science Foundation-Research Opportunity Award: “The Influence of Geomorphic and Anthropogenic Processes on Decadal-Scale Sediment Yield in the Western Cascades, Oregon” (HJ Andrews LTER Supplement, Project Partnership with F. Swanson, \$13,000)
- 2007 Western Oregon University Faculty Professional Development Grant: “The Influence of Forestry Practice on Geomorphic Processes in Oregon (PI, \$2100)
- 2005-2006 Northwest Invasive Weed Management Partnership: “Reconnaissance Survey of Japanese Knotweed Distribution in the Luckiamute River Basin” (Co-PI with B. Dutton, \$2000)

## **GRANTS-FELLOWSHIPS-FUNDED PROJECTS (Cont.)**

2005-2006	Oregon Community Foundation Grant: “Geomorphic and Anthropogenic Influences on the Distribution of Invasive Plant Species in the Luckiamute Watershed” (Co-PI with B. Dutton, Year 2 Supplemental, \$5000)
2004-2006	Center for Water and Environmental Sustainability (OSU/U.S. Geological Survey): “Hydrogeomorphic Analysis of the Luckiamute Watershed, Central Coast Range, Oregon: Integrating Applied Watershed Science with Undergraduate Research and Community Outreach” (PI, \$15,000)
2004-2005	Western Oregon University Foundation Grant: “Spatial Analysis of Cinder Cone Distribution at Newberry Volcano” (PI, Student Research Grant, \$1000)
2004-2005	WOU Center for Teaching and Learning Research Grant: “Morphometric Analysis of Cinder Cones at Newberry Volcano” (Co-PI with J. Templeton, \$800).
2004-2005	Western Oregon University Faculty Professional Development Grant: “Geomorphic and Anthropogenic Influences on the Distribution of Invasive Plant Species in the Luckiamute Watershed” (Co-PI with B. Dutton, \$6000)
2003-2004	Oregon Community Foundation Grant: “Geomorphic and Anthropogenic Influences on the Distribution of Invasive Plant Species in the Luckiamute Watershed” (Co-PI with B. Dutton, \$7000)
2002	Western Oregon University, Student Technology Fund: “Technology Infrastructure Development in the Natural Sciences at Western Oregon University” (Lead Lobbyist, \$150,000)
2002	Western Oregon University, Faculty Professional Development Grant: “Geomorphic Controls on Sediment Transport Efficiency in the Luckiamute Watershed, Polk and Benton Counties Oregon” (PI, \$3000)
2002	Western Oregon University, PT3 (U.S. Dept. of Education) Faculty Grant: “Integrating Digital-Based Pedagogy into the Earth and Physical Science Curriculum at Western Oregon University” (Co-PI with J. Templeton and J. Myers, \$7000)
2002	Murdock Trust Partners in Science Extension Grant (PI, see below, \$2000)
2001	Western Oregon University, Faculty Professional Development Grant (\$3000)
2001	Western Oregon University, PT3 (U.S. Dept. of Ed.) Faculty Grant (\$10,000)
2000-2001	Murdock Trust Partners in Science Research Grant: “Geomorphic Hazards Assessment in West Central Oregon” (PI, \$15,000)
2000-2001	Oregon Collaborative for the Excellence in the Preparation of Teachers (OCEPT) Faculty Fellowship (\$1000)
2000	ESRI University GIS Software Donation Award (Lead Liaison, \$10,000)
1999	Western Oregon University, Faculty Professional Development Grant (\$3000)
1997-1999	NASA Earth System Science Fellowship (ESS/97-0080) (\$70,000)
1997	U.S. Geological Survey - EDMAP Program (1434-HQ-97-AG-01782) (\$10,000)

## **PUBLICATIONS-REPORTS-ABSTRACTS (Reverse Chronological Order)**

Taylor, S.B., Stanley, R., Aldrich, P., Dutton, B., Dutton, E., Hidalgo, S., In Press, Novel Use of GIS for Spatial Analysis of Fingerprint Patterns: Abstract Accepted for the 2012 Urban and Regional Information Systems Association (URISA) National Meeting, Portland, Oregon.

## **PUBLICATIONS-REPORTS-ABSTRACTS (Cont.)**

- Stanley, R., Dutton, E., Taylor, S., Aldrich, P., and Dutton, B., 2012, Geographic Information Systems and Spatial Analysis – Part 1: Quantifying Fingerprint Patterns and Minutiae Distributions: Proceedings of the American Academy of Forensic Sciences National Meeting, Atlanta, GA.
- Dutton, E., Taylor, S., Aldrich, P., Dutton, B., and Stanley, R., 2012, Geographic Information Systems and Spatial Analysis – Part 2: A Monte Carlo Approach to Estimating Probabilities for Latent Print Identification: Proceedings of the American Academy of Forensic Sciences National Meeting, Atlanta.
- Hidalgo, S., Dutton, B., Stanley, R., Aldrich, P., Dutton, E., and Taylor, S., 2012, A Geometric Morphometric Approach to Fingerprint Analysis: Proceedings of the American Academy of Forensic Sciences National Meeting, Atlanta, GA.
- Dutton, E., Taylor, S., Aldrich, P., Dutton, B., 2011, Application of Geographic Information Systems and Spatial Statistics to Determine Probabilities for Latent Print Identifications: Proceedings of the International Association for Identification, Milwaukee.
- Dutton, E., Aldrich, P., Taylor, S.B., Dutton, B., 2010, NIJ Project Status Report - Application of Spatial Statistics to Latent Print Identifications: Proceedings of the Automated Fingerprint Identification Systems (AFIS) 24th Annual Users Conference, Portland, Oregon.
- Aldrich, P., Taylor, S.B., Dutton, E., and Dutton, B., 2010, Application of Spatial Statistics to Latent Print Identifications: Proceedings of the International Association for Identification, Spokane, Washington.
- Dutton, E., Taylor, S.B., Aldrich, P., and Dutton, B., 2010, Application of Spatial Statistics to Latent Print Identifications: Towards Improved Forensic Science Methodologies: General Forensics R&D Grantees Meeting, Proceedings of the American Academy of Forensic Sciences, v. 16, Seattle Washington.
- Taylor, S.B., Stanley, R., MacNab, I., and Dutton, B., 2009, Historic Land-Cover Analysis of the Luckiamute River Basin, Central Oregon Coast Range: Preliminary Results from the Earth Science Program for Undergraduate Research at Western Oregon University: Abstracts with Programs, Geological Society of America, v. 41, no. 7.
- Stanley, R., and Taylor, S.B., 2009, Land Cover Analysis Utilizing Geographic Information Systems and Historic Aerial Photography: A Case Study of Riparian Zones in the Luckiamute River Basin, Central Oregon Coast Range: Abstracts with Programs, Geological Society of America, v. 41, n7.
- Taylor, S.B. and Dutton, B.E., 2009, Invasive Plant Distribution in the Luckiamute River Basin, Central Oregon Coast Range: Preliminary Analysis of Geomorphic and Land-Use Variables: Association of American Geographers, Abstracts with Programs, National Meeting, Las Vegas, NV.
- Taylor, S.B., 2007, Watershed Assessment, River Restoration, and the Geoscience Profession in Oregon: Oregon Geology, v. 68, p. 26-30.
- Taylor, S.B., Dutton, B.E., Noll, K., and Pirot, R., 2007, Riparian Plant Distribution in the Luckiamute River Basin, Central Oregon Coast Range: Preliminary Analysis of Geomorphic and Anthropogenic Controls on Adventive Species Propagation in an Unregulated Watershed: Geological Society of America, Abstracts with Programs, v. 39, no. 6.
- Noll, K., Dutton, B.E., Taylor, S.B., Pirot, R., 2007, Spatial Distribution of Invasive Plant Species in The Luckiamute Watershed, Central Oregon Coast Range - Vegetative Response to Geomorphic Processes and Disturbance Regime in The Riparian Corridor: Geological Society of America, Abstracts with Programs, v. 39, no. 6.

## **PUBLICATIONS-REPORTS-ABSTRACTS (Cont.)**

- Taylor, S.B., Templeton, J.H., Budnick, J., Pirot, R., Drury, C., Fisher, J., Faletti, A., Giles, D.E., Hale, D., Horvath, D., Adams, R., and Runyan, S., 2007, Cinder Cone Analysis at Newberry Volcano, Oregon: A Synthesis of Results from the Earth Science Program for Undergraduate Research at Western Oregon University: Geological Society of America Abstracts with Programs, v. 39, no. 4.
- Taylor, S.B., 2007, Geomorphic Analysis of the Luckiamute Watershed, Central Coast Range, Oregon: Integrating Applied Watershed Science with Undergraduate Research and Community Outreach: Proceedings of the Oregon Academy of Science, Volume 63, p. 30-31.
- Taylor, S.B., Dutton, B., Noll, K., and Cairns, M., 2007, Environmental Studies in the Luckiamute Watershed, Central Coast Range, Oregon: Integrating Applied Watershed Science with Undergraduate Research and Community Outreach: Proceedings of the Oregon Academy of Science, Volume 63, p. 34-35.
- Taylor, S.B., Dutton B., Noll, K., 2007, Environmental Studies in the Luckiamute Watershed, Central Coast Range, Oregon: Integrating Applied Watershed Science with Undergraduate Research and Community Outreach: Unpublished Field Trip Guide, Proceedings of the 63<sup>rd</sup> Annual Meeting of the Oregon Academy of Science, Western Oregon University, Monmouth, Oregon, 70 p.
- Taylor, S.B., 2006, Hydrogeomorphic Analysis of the Luckiamute Watershed, Central Coast Range, Oregon: Integrating Applied Watershed Science with Undergraduate Research and Community Outreach: Final Technical Report, U.S. Geological Survey Small-Grants Program, Corvallis, OR, 12 p.
- Taylor, S.B., and Kite, J.S., 2006, Comparative Geomorphic Analysis of Surficial Deposits at Three Central Appalachian Watersheds: Implications for Controls on Sediment-Transport Efficiency: Geomorphology, v. 78, p. 22-43.
- Taylor, S.B., Templeton, J.H., Budnick, J., Drury, C., Fisher, J., and Runyan, S., 2005, Spatial Analysis of Cinder Cone Distribution at Newberry Volcano, Oregon: Implications for Structural Control on Eruptive Process (Abstracts with Programs): Geological Society of America, Vol. 37, Issue 7, p.431.
- Taylor, S.B., 2005, Lithologic Controls on Watershed Morphology in the Central Oregon Coast Range: Towards Extrapolation of Tyee-Based Models to Other Bedrock Types – Mountain Rivers Session: Assoc. of American Geographers, Abs. with Programs, v. 37, Annual Meeting, Denver, CO
- Taylor, S.B., Templeton, J.H., and Giles, D.E.L., 2003, Cinder Cone Morphometry and Volume Distribution at Newberry Volcano, Oregon: Implications for Age Relations and Structural Control on Eruptive Process (Abstracts with Programs): Geological Society of America, Vol. 35, Issue 6, p. 421.
- Giles, D.E.L., Taylor, S.B., and Templeton, J.H., 2003, Compilation of a Digital Geologic Map and Spatial Database for Newberry Volcano, Central Oregon: A Framework for Comparative Analysis (Abstracts with Programs): Geological Society of America, Vol. 35, Issue 6, p. 189.
- Taylor, S.B., 2002, Bedrock Control on Slope Gradients in the Luckiamute Watershed, Central Coast Range, Oregon: Implications for Sediment Transport and Storage: American Geophysical Union Abstracts with Programs, Fall Meeting 2002, San Francisco, California.
- Taylor S.B. and Copa, P.M., 2002, Integrating Technology Across the Curriculum: Forging Partnerships Between Education and Liberal Arts and Science (abstract): U.S. Dept. of Education, Preparing Tomorrow's Teachers to Use Technology (PT3) National Meeting, Abstracts with Programs, Washington, D.C.
- Taylor, S.B., Dutton, B.E., and Poston, P.E., 2002, Luckiamute River watershed, upper Willamette Basin, Oregon – An integrated environmental study for K-12 Educators, in Moore, G.W., ed., Field Guide to Geologic Processes in Cascadia: Oregon Dept. of Geol. and Min. Industries Spec. Paper 36, p. 167-186.

## **PUBLICATIONS-REPORTS-ABSTRACTS (Cont.)**

- Taylor, S.B. and Swartzentruber, R.L., 2002, Year 2 Partners in Science Research Project - Case Study of Anderson Creek Debris Flow Site, Lincoln County, Oregon: Abstracts with Program, Partners in Science National Conference, San Diego, California.
- Taylor, S.B., Madarish, D., and Kite, J.S., 2001, Gravel distribution analysis of three channel systems in the central Appalachians: Comparative evaluation of sediment-transport efficiency and valley-erosion dynamics: Abstracts with Program, Binghamton Symposium, Mountain Geomorphology: Integrating Earth Systems, University of North Carolina, Chapel Hill, North Carolina, p. 49-50.
- Taylor, S.B. and Swartzentruber, R.L., 2001, Year 1 Partners in Science Research Project - Geomorphic Hazards Assessment in West-Central Oregon: Abstracts with Program, Partners in Science National Conference, San Diego, California.
- Taylor, S.B., 2000, Sediment-storage budgets for colluvium-dominated watersheds in the central Appalachians: Geological Society of America, Abstracts with Program, Fall 2000 National Meeting, v. 32, no. 7.
- Taylor, S.B., 2000, Geomorphic Controls on Debris Flow Hazards and Sediment-Transport Efficiency in the Central Appalachians - Final Technical Report to the NASA Earth System Science Program (Contract No. ESS/97-0080): Submitted to the ESS Program, NASA Headquarters, Washington, D.C.

## **UNPUBLISHED TECHNICAL REPORTS (Reverse Chronological Order)**

- Taylor, S.B., Dutton B., Noll, K., 2007, Environmental Studies in the Luckiamute Watershed, Central Coast Range, Oregon: Integrating Applied Watershed Science with Undergraduate Research and Community Outreach: Unpublished Field Trip Guide, Proceedings of the 63rd Annual Meeting of the Oregon Academy of Science, Western Oregon University, Monmouth, Oregon, 70 p.
- Taylor, S.B., 2006, Hydrogeomorphic Analysis of the Luckiamute Watershed, Central Coast Range, Oregon: Integrating Applied Watershed Science with Undergraduate Research and Community Outreach: Final Technical Report, OSU Institute for Water and Watersheds, U.S. Geological Survey Small-Grants Program, Corvallis, Oregon, 12 p.
- Taylor, S.B., 2004, Geology of the Luckiamute River watershed, upper Willamette Basin, Polk and Benton Counties, Oregon: in Garono, R.J., Anderson, B.D., Harma, K., Buhl, C., and Adamus, P., Luckiamute / Ash Creek / American Bottom Watershed Assessment: Unpublished Technical Document, Luckiamute Watershed Council, Western Oregon University, Monmouth, Oregon, Appendix A – 19 p., available on line at <URL: [http://www.wou.edu/las/natsci\\_math/geology/luckiamute/Appendix A Geology of Luckiamute River Watershed.pdf](http://www.wou.edu/las/natsci_math/geology/luckiamute/Appendix A Geology of Luckiamute River Watershed.pdf), updated June 2004.
- Anderson, R.W. and Taylor, S.B., 1999, Proposed remediation strategy for groundwater contaminated with chlorinated hydrocarbons at the Trent Tube and Steel Plant, southeast Wisconsin: Submitted to Trent Tube and Steel, Inc.
- Taylor, S.B. 1999, Recommendation for abatement of coal-bed methane degassing at the Girty's Run Sewer Project Site, Allegheny County, Pennsylvania: Submitted to Pine Township.
- Taylor, S.B., 1999. Geomorphic controls on sediment transport efficiency in the Central Appalachians: A comparative analysis of three watersheds underlain by the Acadian Clastic Wedge. Ph.D. Dissertation, West Virginia University, Morgantown, WV, 463 p.
- Taylor, S.B. and Kite, J.S., 1998, Surficial and bedrock geology of the Little River basin, George Washington National Forest, Augusta County, Virginia: Submitted to the U.S. Geological Survey National Cooperative Mapping Program (EDMAP Contract 1434-HQ-97-AG-01782), Reston, VA, multiple map sheets with report.

## UNPUBLISHED TECHNICAL REPORTS (Cont.)

- Taylor, S.B. and Kite, J.S., 1997, Surficial and bedrock geology of the upper North Fork drainage basin, Monongahela National Forest, Pocahontas County, West Virginia: Submitted to the U.S. Geological Survey National Cooperative Mapping Program (EDMAP Contract 1434-HQ-96-AG-01561), Reston, VA, multiple map sheets with report.
- Taylor, S.B., Kite, J.S., and Kuhn, K., 1996, Bedrock and surficial geology of the Fernow Experimental Forest, Tucker County, West Virginia: Submitted to the USDA Northeastern Forest Experiment Station, Timber and Watershed Laboratory, Parsons, WV, multiple map sheets with report.
- Anderson, R.W. and Taylor, S.B., 1993, Preliminary statistical analysis of landfill water quality data: J & J Landfill, Fayette County, Pennsylvania: Submitted to PA Dept. of Environmental Resources.
- Anderson, R.W. and Taylor, S.B., 1993, Results of groundwater impact assessment at disposal cell 1, J & J Landfill, Fayette County, Pennsylvania: Submitted to PA Dept. of Environmental Resources.
- Anderson, R.W. and Taylor, S.B., 1993, Pump-testing and preliminary hydrogeologic impact assessment of the production well-field at Mystic Rocks Golf Course, Fayette County, Pennsylvania: Submitted to Nemacolin Woodlands, Inc.
- Anderson, R.W. and Taylor, S.B., 1993, Impact assessment of a small-flow sewage treatment facility at the Bosmyer property, Allegheny County, Pennsylvania: Submitted to Century 21 Real Estate Services Division.
- Anderson, R.W. and Taylor, S.B., 1993, Private water supply impact assessment at the Gould Mine permit area, Washington County, Pennsylvania: Submitted to PA Dept. of Environmental Resources.
- Anderson, R.W. and Taylor, S.B., 1992, Municipal waste permit application: geology and hydrogeology of an abandoned surface mine complex, southern coal district, Illinois: Submitted to Laidlaw Waste Systems.
- Anderson, R.W. and Taylor, S.B., 1992, Expert witness testimony: Angerman vs. Buskey, hydrogeologic impact assessment of gas well drilling in Westmoreland County, Pennsylvania: submitted for review to Westmoreland County Court.
- Anderson, R.W. and Taylor, S.B., 1992, Coal surface mining permit application: geology and hydrogeology of the Prep. II mine permit area, Washington County, Pennsylvania: submitted to PA Dept. of Environmental Resources.
- Anderson, R.W. and Taylor, S.B., 1992, Residual solid waste permit application: geology and hydrogeology of the White Pines permit area, Lycoming County, Pennsylvania: submitted to PA Dept. of Environmental Resources.
- Anderson, R.W. and Taylor, S.B., 1992, Installation of methane gas monitoring probes and groundwater monitoring wells at the M.C. Arnoni Landfill, South Park Township, Pennsylvania: submitted to J&L Engineering, Inc.
- Anderson, R.W. and Taylor, S.B., 1991, Small operators assistance program: geology and hydrogeology of the Maderia permit area, Washington County, Pennsylvania: submitted to PA Dept. of Environmental Resources.
- Anderson, R.W. and Taylor, S.B., 1990, Coal surface mining permit application: geology and hydrogeology of the Gould Mine permit area, Washington County, Pennsylvania: submitted to PA Dept. of Environmental Resources.
- Taylor, S. B., 1985, Stratigraphy, sedimentology, and paleogeography of the Swauk Formation in the Liberty area, central Cascades, Washington: Unpub. M. S. Thesis, Washington State University, Pullman, Washington, 199 p.



## **REFERENCES**

Dr. Jeff Templeton, Division of Natural Sciences and Mathematics, Western Oregon University, Monmouth, OR, 97361, (503) 838-8207, templej@wou.edu

Dr. J. Steven Kite, Associate Professor, Department of Geology, West Virginia University, Morgantown, WV, 26506, (304) 293-5603, jkite@wou.edu

Danny Katzman, Water Stewardship Program Manager, Los Alamos National Laboratory, Los Alamos, NM 87545, katzman@lanl.gov