

## **Donald M. Thieme**

Sedimentary Geologist, Geomorphologist

1020 West Hancock Avenue, Apt. 16, Athens, GA 30606

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### **EDUCATION**

University of Georgia  
2003 Ph.D. Archaeological Geology

Southern Illinois University at Carbondale  
1989 M.A. Conservation Archaeology

New College of Florida  
1982 B.A. History

### **TEACHING AND RESEARCH STRENGTHS**

Stratigraphy, Geomorphology, Environmental Science, Historical Geology, Physical Geology, Soils

Temporary Assistant Professor in Geology at Georgia Southern University during spring semester, 2005

Lecturer in Physical Geography at Georgia State University during spring semester, 2004

Adjunct Lecturer in Environmental Science, Historical Geology, and Physical Geology at Georgia Perimeter College from 2002-present

Physical Geology Teaching Assistant Coordinator from 1995-1998 at the University of Georgia

Historical Geology Teaching Assistant Coordinator from 1993-1995 at the University of Georgia

Archaeological Field School Instructor in 1984 at Southern Illinois University

### **EMPLOYMENT HISTORY**

2002-present Georgia Perimeter College, Lawrenceville, GA

2005 (Spring) Georgia Southern University, Statesboro, GA

2004 (Spring-Summer) Georgia State University, Atlanta, GA

1993-2001 Geoarcheology Research Associates, Riverdale, NY

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**EMPLOYMENT HISTORY** (continued)

- 1993-1999 Department of Geology, University of Georgia, Athens, GA  
1991-1993 DRE Environmental Services, Inc., Brentwood, TN

**RESEARCH PROJECTS**

- 2006 Stratigraphy of late Pleistocene through Holocene alluvium and wetland deposits in the vicinity of archaeological sites associated with the Spanish mission Santa Isabel de Utinahuca, Telfair County, Georgia  
2005-present Lithostratigraphy and biostratigraphy of the CEMEX quarry, Clinchfield, Georgia  
2005-present Three-dimensional GIS geologic mapping and geoarchaeological investigations of Governors Island in New York Harbor  
2005 Sedimentology and archaeological site formation in the tabby area of the middle plantation on Ossabaw Island, Georgia  
1992-present Mapping of clay sources in the Valley of Oaxaca, Mexico and mineralogical and petrographic analysis of ceramic raw materials  
1997-2001 Field study of archaeologically dated alluvial sequences in the middle reaches of the North Branch of the Susquehanna River (Doctoral Dissertation Research)  
1998-2000 Archaeological site prospection and paleoenvironmental reconstruction of submerged contexts in New York and New Jersey Harbor  
1985-1989 Computer Simulation and GIS Analysis of Prehistoric Agricultural Potential on Black Mesa in northeastern Arizona (Master's Thesis Research)

**PROFESSIONAL PAPERS**

- 2007 Jacksonian cheilostomatous bryozoa from the Tivola ("Ocala") limestone in the CEMEX quarry, Houston County, Georgia Journal of Science, in press.  
2007 As You Were - Finding the Island and the People in Governors Island. Historical Geoarchaeology volume from University of Florida Press, in press..  
2007 Late Pleistocene to Holocene alluvium at Coffee Bluff on the Ocmulgee River, Telfair County, Georgia. 84<sup>th</sup> Annual Meeting of the Georgia Academy of Sciences, Albany, Georgia.  
2007 A late Pleistocene to Holocene alluvial section at Coffee Bluff on the Ocmulgee River. 56<sup>th</sup> Annual Meeting, Southeastern Section, Geological Society of America, Savannah, Georgia.  
2006 Bounding discontinuities in Susquehanna Valley alluvium - Using stratigraphy to reconstruct prehistoric landscapes and archaeological site formation. Annual Meeting, Geological Society of America, Philadelphia, Pennsylvania, GSA Abstracts, v. 38, no. 7, p. 453.  
2006 Talbot shoreline at Mount Pleasant. In T. M. Chowns (Ed.), Quaternary Stratigraphy and Depositional Environments - Jekyll Island and the Golden Isles Parkway, p. 80-83. Georgia Geological Society, Atlanta, Georgia.

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**PROFESSIONAL PAPERS** (continued)

- 2004 Environmental magnetism of Susquehanna Valley alluvium. The IRM Quarterly, v. 13, no. 4, p. 4-5.
- 2004 Stream power and sediment supply controls on an alluvial sediment archive in the mid-Atlantic region. Geological Society of America Northeastern Section (39<sup>th</sup> Annual) and Southeastern Section (53<sup>rd</sup> Annual) Meeting, Washington, D.C., GSA Abstracts, v. 36, no. 2, p. 64.
- 2004 Mineralogy and Lower Paleozoic Invertebrate Fossils of the Conasauga Formation at outcrops near Dalton, Georgia. Abstracts, p. 28. Georgia Academy of Science 81<sup>st</sup> Annual Meeting, Mount Berry, Georgia.
- 2003 Detrital and pedogenic mineral phases in a buried soil formed in Susquehanna River alluvium of mid-Holocene age. In Classic Clays and Minerals. Program and Abstracts of the Clay Minerals Society 40th Annual Meeting, p. 151. Athens, Georgia.
- 2003 A Stratigraphic and Chronometric Investigation of the Alluvial Deposits of the North Branch of the Susquehanna River. Ph.D. dissertation, University of Georgia, Athens.
- 2003 Archaeological site formation in glaciated settings, New Jersey and southern New York. In D. L. Cremeens and J. Hart (Eds.), Geoarchaeology of Landscapes in the Glaciated Northeast, p. 163-179. New York State Museum, Albany.
- 2002 Geoarchaeological study of late Quaternary terraces at the apex of the Great Bend of the Susquehanna River. In J. Inners (Ed.), Fieldtrip Guide for the 67<sup>th</sup> Annual Field Conference of Pennsylvania Geologists, Tunkhannock, Pennsylvania. Pennsylvania Geological Survey, Harrisburg.
- 2001 Historic and possible prehistoric impacts on floodplain sedimentation, North Branch of the Susquehanna, Pennsylvania, U.S.A. In D. Maddy, M. G. Macklin, and J. C. Woodward (Eds.), River Basin Sediment Systems, p. 375-403: Rotterdam: Balkema.
- 2001 Allostratigraphy of Holocene alluvium in glaciated reaches of the Susquehanna River valley, Pennsylvania, U.S.A. Annual Meeting, Geological Society of America, Boston, Massachusetts.
- 2001 Piedmont rocks uplifted into Coastal Plain sediments: a possible source of prehistoric lithic raw material. 50<sup>th</sup> Annual Meeting, Southeastern Section of the Geological Society of America, Raleigh, North Carolina.
- 2001 Chemical analyses of some cultural sediments from cultural resources management projects in the eastern United States. 66<sup>th</sup> Annual Meeting, Society for American Archaeology, New Orleans, Abstracts, p. 370.
- 2000 Brief note on studies of Cooke's Island in the Federal Channel at Whitehall, New York. New York Glaciogram, v. 35, no.2, p. 17.
- 2000 Brief note on studies for the proposed Millennium Pipeline right-of-way, New York. New York Glaciogram, v. 35, no. 1.
- 2000 More on a murky subject: impacts of prehistoric agricultural activities in the Wyoming Valley. Pennsylvania Archaeologist, v. 70, no. 1, p. 81-82.
- 2000 Semi-primary prehistoric occupation surfaces in stratified colluvium of the Conewango Valley, western New York. Annual Meeting, Geological Society of America, Reno, Nevada. GSA Abstracts, v. 32, no. 7, p. 261

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**PROFESSIONAL PAPERS** (continued)

- 2000 Possible effects of North Atlantic Ocean surface temperatures on the Holocene alluvial stratigraphy of the Susquehanna River valley (with Ervan Garrison). 35<sup>th</sup> Annual Meeting, Northeastern Section of the Geological Society of America, New Brunswick, New Jersey.
- 2000 The Delaware State Route 1 Corridor: Blackbird, Frederick Lodge, and Black Diamond Site Complexes. In Current Issues in Mid-Atlantic Geoarchaeology, edited and compiled by Douglas C. Kellogg. Guidebook for the First Annual Fieldtrip of the Geoarchaeology Interest Group, Society for American Archaeology, 65<sup>th</sup> Annual Meeting.
- 2000 Micromorphological comparison of Holocene and Pleistocene paleosols from Pennsylvania (with Ervan Garrison). Southeastern Section of the Geological Society of America, 49<sup>th</sup> Annual Meeting, GSA Abstracts, v. 32, no. 2, p. 55.
- 2000 Geochemical, mineralogical, and petrographic analysis of ceramic raw materials derived from feldspathic rocks in the vicinity of Monte Albán, Oaxaca, Mexico (with Mary S. Thieme, Hector Neff, and J. Michael Elam). 32<sup>nd</sup> International Symposium on Archeometry, Mexico City, Mexico, Abstracts, p. 117-118.
- 2000 Holocene paleogeography and potential preservation of submerged archaeological sites in New York and New Jersey Harbor. Society for American Archaeology, 65<sup>th</sup> Annual Meeting, Philadelphia, Pennsylvania. Abstracts, p. 158.
- 2000 Paleoenvironmental and Archaeological Contexts in the New York and New Jersey Harbor Region. Society for American Archaeology, 65<sup>th</sup> Annual Meeting, Philadelphia, Pennsylvania. Abstracts, p. 329.
- 2000 Archaeological site formation in settings with ice-contact and meltwater-derived deposits, southern New York and New Jersey. The New York Natural History Conference VI, Albany, New York.
- 2000 Modeling site formation and preservation in northeastern Pennsylvania: examples from the Susquehanna and Delaware Valley floodplains (with Joseph Schuldenrein and Jamie McIntyre). The New York Natural History Conference VI, Albany, New York.
- 2000 Stratigraphy and pedology of some sites in the Carolina Sand Hills. 55<sup>th</sup> Annual Meeting, Southeastern Archaeological Conference, Macon, Georgia, Abstracts, p. 47-48.
- 1999 Late Pleistocene through Holocene degradational sequence in the Chattahoochee alluvial valley below the Fall Line. Southeastern Geology, v. 38, no. 4, p. 279-290.
- 1999 The Derewal Prehistoric Site (28Hu530): A Multicomponent Stratified Site in the Delaware River Valley (with Ian Burrow, Bill Liebkecht, and Joseph Schuldenrein). Bulletin of the Archaeological Society of New Jersey, p. 12-43.
- 1999 Signatures of ecological and anthropological disturbance in Susquehanna Valley floodplain stratigraphy. Annual Meeting, Geological Society of America, Denver, Colorado.
- 1999 Hands washed in a muddy stream: corrections and further thoughts on "Wyoming Valley Landscape Evolution..." Pennsylvania Archaeologist, v. 69, no. 2, p. 45-52.
- 1999 Great Bend archaeological site and the Holocene alluvial terrace of the Upper North Branch Valley, in Inners, Jon D., Braun, Duane D., Kovach, Jim T., and Thieme, Donald M., Starucca, Tunkhannock, and the Summit Cut-Off: Geology and Railroad Engineering in the Endless Mountains Region of Northeastern Pennsylvania, p. 19. Pennsylvania Geological Survey, Harrisburg.
- 1999 Brief note on new findings in Manhattan and New York Harbor. New York Glaciogram, v. 34, no. 1, p. 18.

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**PROFESSIONAL PAPERS** (continued)

- 1999 Signatures of ecological and anthropological disturbance in Susquehanna Valley floodplain stratigraphy. Annual Meeting, Geological Society of America, Denver, Colorado.
- 1999 Geoarchaeology in the Governors Island National Historic Landmark District. Northeastern Section of the Geological Society of America, 34<sup>th</sup> Annual Meeting, Providence, Rhode Island, GSA Abstracts, v. 31, no. 2, p. 72.
- 1999 Geochemical analysis of cultural residues: recent studies on prehistoric and historic archaeological sites. Southeastern Section of the Geological Society of America, 49<sup>th</sup> Annual Meeting, Charleston, South Carolina. GSA Abstracts, v. 31, no. 3, p. 70.
- 1999 Historic sedimentation and site formation process in the Middle Atlantic Province (with Joseph Schuldenrein). 29<sup>th</sup> Annual Meeting, Middle Atlantic Archaeological Conference, Harrisburg, Pennsylvania, Abstracts, p. 35.
- 1999 Chemical analysis of cultural sediments: recent results from Georgia and New York. 56<sup>th</sup> Annual Meeting of the Southeastern Archaeological Conference, Abstracts, p. 48-49.
- 1998 Late Pleistocene through Holocene paleohydrology of the Hackensack and Passaic drainages and the potential for deeply buried archaeological sites. 33<sup>rd</sup> Annual Meeting, Northeastern Section of the Geological Society of America, Portland, Maine, GSA Abstracts, v. 30, no. 1, p. 98.
- 1998 Wyoming Valley Landscape Evolution and the Emergence of the Wyoming Valley Culture. Pennsylvania Archaeologist, v. 68, no. 2, p. 1-17.
- 1998 Brief note on Governors Island geoarchaeological studies. New York Glaciogram, v. 33, no. 2, p. 8.
- 1998 Review of "Alluvial Geoarchaeology: Floodplain Archaeology and Environmental Change," by A. G. Brown. Society for Archaeological Sciences Bulletin, v. 20, nos. 3-4, p. 18-19.
- 1998 Geoarchaeology in some Pennsylvania canals. 65<sup>th</sup> Annual Meeting, Eastern States Archaeological Federation, Wilkes-Barre, Pennsylvania, Abstracts, p. 5.
- 1997 Tradition and continuity of ceramic production and utilization of clay sources in the vicinity of Santa Maria Atzompa from the Late Formative to the present. 96<sup>th</sup> Annual Meeting, American Anthropological Association, Washington, D.C.
- 1997 Late Glacial through Holocene paleogeography and human occupancy of the Hackensack and Passaic drainages. 64<sup>th</sup> Annual Meeting, Eastern States Archaeological Federation, Trenton, New Jersey, Abstracts, p. 20.
- 1997 Prehistoric landscapes and site preservation in northern New Jersey: advances in geoarchaeology and environmental reconstruction. 64<sup>th</sup> Annual Meeting, Eastern States Archaeological Federation, Trenton, New Jersey, Abstracts, p. 18.
- 1997 Archaeological stratigraphy of the Dundee Canal Site (28PA143) and other sites in the Route 21 corridor. 64<sup>th</sup> Annual Meeting, Eastern States Archaeological Federation, Trenton, New Jersey, Abstracts, p. 18.
- 1997 Archaeological implications of degradational sequences in Georgia river valleys. 46<sup>th</sup> Annual Meeting, Southeastern Section of the Geological Society of America, Auburn, Alabama, GSA Abstracts, v. 29, no. 3, p. 74.
- 1997 Soil horizons on stratified archaeological sites in the northeastern United States. 3<sup>rd</sup> International Conference on Soils and Geomorphology, Thunderbird Research, Woodstock, Virginia, Abstracts.

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**PROFESSIONAL PAPERS** (continued)

- 1997 Post-processual trends and the changing role of geoarchaeology (with Mary Ann Owoc). 62<sup>nd</sup> Annual Meeting, Society for American Archaeology, Nashville, Tennessee, Abstracts, p. 169.
- 1996 Before and below Kasihta: the alluvial stratigraphy of Lawson Field, Fort Benning, Georgia. 53<sup>rd</sup> Annual Meeting, Southeastern Archaeological Conference, Birmingham, Alabama, Abstracts.
- 1996 Mid-Holocene warming and development of the Hackensack tidal marsh on the bed of glacial Lake Hackensack (with Joseph Schuldenrein and Terryanne Maenza-Gmelch). 14<sup>th</sup> Biennial Meeting, American Quaternary Association, Flagstaff, Arizona, Abstracts, p. 134.
- 1996 Examination and analysis of the clay body of Zapotec Urns from Xoxocotlan, Oaxaca, Mexico (with Samantha Alderson). 30<sup>th</sup> International Symposium on Archaeometry, Urbana, Illinois, Abstracts.
- 1994 Some simulations of agricultural potential on northern Black Mesa, Arizona based on a water-balance model and late Holocene patterns of variability in annual precipitation. 13<sup>th</sup> Biennial Meeting, American Quaternary Association, Minneapolis, Minnesota, Abstracts, p. 168.
- 1993 A water balance simulation of the changing agricultural potential of northern Black Mesa, Arizona. 58<sup>th</sup> Annual Meeting, Society for American Archaeology, St. Louis, Missouri, Abstracts, p. 139.
- 1992 Archival and archaeological approaches to the history of the Ocoee gorge. 10<sup>th</sup> Annual Symposium on Ohio Valley Urban and Historic Archaeology, Knoxville, Tennessee, Abstracts.
- 1992 The prehistory of the Ocoee River drainage as evidenced by recent archaeological reconnaissance and limited testing in the Cherokee National Forest. Tennessee Anthropologist, v. 17, no. 2.
- 1992 A tentative regional paleoclimatic and depositional sequence for the mid-South. 49<sup>th</sup> Annual Meeting, Southeastern Archaeological Conference, Little Rock, Arkansas, Abstracts.
- 1991 Seasonal specialization, assemblage diversity, and the concept of a subsistence-settlement system - a statistical analysis of the Riverton culture. Midcontinental Journal of Archaeology, v. 16, no. 1, p. 85-117.
- 1991 Archaeological reconnaissance and limited testing in the Ocoee District of the Cherokee National Forest. 58<sup>th</sup> Annual Meeting, Eastern States Archaeological Federation, Williamsburg, Virginia, Abstracts.
- 1989 Patches and Plots: The Relationship between Local Land and Water Resources and Corn Farming on Northern Black Mesa, Arizona. Master's Thesis, Southern Illinois University at Carbondale.

**TECHNICAL REPORTS**

- 2006 Geology, Landforms, and Soils in the Vicinity of Sites 9FT145 and 9FT115, Telfair County, Georgia. Report to the Fernbank Museum of Science, Atlanta, Georgia.
- 2005 Stratigraphy, Mineralogy, and Paleontology Studies at the CEMEX Limestone Quarry - Report on the Results of Student Projects, Georgia Southern University, Statesboro, Georgia.

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**TECHNICAL REPORTS** (continued)

- 2005 Soils and Geomorphology of the Tabby Site (9Ch1062), Ossabaw Island. Appendix to Final Report published by the Lamar Institute, Athens, Georgia.
- 2004 Geomorphological and Geoarchaeological Study of Fort Bragg and Camp Mackall, North Carolina (with Joseph Schuldenrein and Alistair Pitty). Report submitted to Fort Bragg Cultural Resources Program, Fort Bragg, North Carolina.
- 2002 Geoarcheological Investigations at the Sandom Branch Site Complex (7NC-J-227/228) (with Joseph Schuldenrein). Report submitted to Parsons Engineering Science, Fairfax, Virginia.
- 2001 Phase II Geoarcheological Study of the Harford Village Bridge Replacement. Report submitted to the Pennsylvania Department of Transportation District 4-0, Dunmore, Pennsylvania.
- 2001 Geoarcheological investigations for site 36SQ17, Hallstead/Great Bend Bridge Replacement Project, Susquehanna County, Pennsylvania (with Joseph Schuldenrein). Report submitted to the Pennsylvania Department of Transportation District 4-0, Dunmore, Pennsylvania.
- 2001 Geomorphological and Archeological Study of Borings on the Jersey Flats.(with Richard Orson and Joseph Schuldenrein). Report prepared for the U.S. Army Corps of Engineers, New York District by Geoarcheology Research Associates, Inc. and Panamerican Consultants, Inc., Buffalo, New York.
- 2001 Geomorphological Study of Cooke's Island in the Federal Navigation Channel, Whitehall, New York. Report prepared for the U.S. Army Corps of Engineers, New York District by Geoarcheology Research Associates, Inc. and Panamerican Consultants, Inc.
- 2000 Geomorphological and Archeological Study of Borings Northeast of Shooters Island. Report prepared for the U.S. Army Corps of Engineers, New York District by Geoarcheology Research Associates, Inc. and Panamerican Consultants, Inc.
- 2000 Geomorphological and Archeological Study of New York and New Jersey Harbor Navigation Channels. Report prepared for the U.S. Army Corps of Engineers, New York District.
- 2000 Geomorphological Investigation of the Proposed S.R. 2001 Bridge Replacement over Carley Brook. Report prepared for Cultural Heritage Research Services, Inc., North Wales, Pennsylvania.
- 1999 Geomorphology and Site Formation Processes at the City Island Site, 36DA12 (with Joseph Schuldenrein). Report prepared for the Pennsylvania Historical and Museum Commission, Harrisburg, Pennsylvania.
- 1999 Geomorphological Deep Testing of the Proposed Sewage Treatment Plant in Dalmatia Township, Pennsylvania. Report prepared for Pan Cultural Associates, Pittston, Pennsylvania.
- 1999 Geomorphology and Alluvial Stratigraphy (with Joseph Schuldenrein and Suanna Selby-Crowley). In Phase II Cultural Resources Investigations of the Millennium Pipeline Corridor Crossing of the Susquehanna River in Broome County, New York. Report prepared for the Millennium Pipeline Company, L.P. by Gray and Pape, Inc., Cincinnati, Ohio.
- 1999 Geomorphological Deep Testing in the Lazy Brook Subdivision, Tunkhannock Township, Pennsylvania. Report prepared for Pan Cultural Associates, Pittston, Pennsylvania.

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**TECHNICAL REPORTS** (continued)

- 1999 Geoarchaeological Deep Testing of Areas to be Impacted by Replacement of the S.R. 611 Bridge over Mud Run in Northampton County, Pennsylvania. Report prepared for Kittatinny Archaeological Research, Inc., Stroudsburg, Pennsylvania.
- 1999 Report of Geomorphological Investigations at the Proposed Wetland Replacement Area on the Berinski Farm, Morris County, New Jersey. In Route 21 Freeway Extension, Section 6L Phase I/II Archaeological Investigation, Lincoln Park, Wetland Mitigation Site, Morris County, New Jersey, Appendix A. Report prepared for the New Jersey Department of Transportation by URS Greiner, Inc., Florence, New Jersey.
- 1999 Geoarchaeological Investigations at Site 28PA145, Route 21 Corridor, Passaic County, New Jersey. In Archaeological Investigations at Sites 28PA39, 28PA40, 28PA145, the Early Dundee Canal Terminus Area, and the Eagle Foundry Site, Route 21 Extension Cultural Resources Mitigation, Passaic County, New Jersey, Volume 2, Appendix A. Report prepared for the New Jersey Department of Transportation by URS Greiner, Inc.
- 1999 Geoarchaeology and Sediment Stratigraphy. In Technical Report, Phase II Evaluation of Six Archaeological Sites in the Governors Island National Historic Landmark District, Governors Island, New York. Report no. 939, Public Archaeology Laboratory, Inc., Warwick, Rhode Island.
- 1998 Geomorphological Overview, Probability Statements, and Deep Testing Results (with Joseph Schuldenrein, Susan T. Goodfellow, and Christopher Dorion). In Phase I Cultural Resources Investigations of the Millennium Pipeline System: Erie and Pike Counties, Pennsylvania, and Chautauqua to Westchester Counties, New York. Report prepared for The Millennium Pipeline Company, L.P. by Gray and Pape, Inc., Cincinnati, Ohio.
- 1998 Riverlog of Quaternary Deposits and Archaeological Sites along the North Branch of the Susquehanna River, Pa-NY Border to Northumberland, Pennsylvania. Report prepared for the Pennsylvania Geological Survey, Harrisburg, Pennsylvania.
- 1998 Paleoenvironmental Analysis of the Combined Sewer Overflow Planning Study Area IA, North Bergen (West), Hudson County, New Jersey (with Joseph Schuldenrein). Report prepared for Richard Grubb and Associates, Inc., Cranbury, New Jersey.
- 1998 Phase I Geoarchaeological Investigations, I-276 Extension into New Jersey for the I-95/I-276 Interchange Project. Report prepared for KCI Technologies, Inc., Philadelphia, Pennsylvania.
- 1998 Archaeological Monitoring for the City Island Temporary Force Main, Bronx, NY (with Eugene Boesch). Report prepared for Spearin, Preston, and Burrows, Inc., Staten Island, New York.
- 1997 Results of the Geomorphological Investigations. In Technical Report, Phase IB Archaeological Survey of the Governors Island National Historic Landmark District, Governors Island, New York. Report prepared for the U. S. Coast Guard by the Public Archaeology Laboratory, Inc., Warwick, Rhode Island.
- 1997 Geoarchaeological Investigations for Project AMD 32/2447 101.1 along Crooked Creek, Indiana County, Pennsylvania. Report prepared for Cultural Heritage Research Services, Inc., North Wales, Pennsylvania.
- 1997 Geomorphology, Alluvial Stratigraphy, and Cultural Sediments (with Joseph Schuldenrein and Alistair Pitty). In Cultural Resources Survey, Lawson Army Airfield, Ft. Benning, Georgia and Alabama. Report to the National Park Service Southeast Archaeological Center prepared by New South Associates, Inc., Stone Mountain, Georgia.

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**TECHNICAL REPORTS** (continued)

- 1997 Sections on Delaware Valley Prehistory and Sedimentology in Archaeological Data Recovery at the Derewal Prehistoric Site (28-Hu-530), Kingwood Township, Hunterdon County, New Jersey. Report to the Philadelphia District, U. S. Army Corps of Engineers prepared by Hunter Research, Inc., Trenton, New Jersey.
- 1997 Geomorphological Investigations in the Wyoming Valley for the Wyoming Valley Levee Raising Project, Luzerne County, Pennsylvania (with Joseph Schuldenrein). Report prepared for the U. S. Army Corps of Engineers, Baltimore District.
- 1996 Management Summary for Goethals Bridge Phase IB Geomorphological Analysis (with Joseph Schuldenrein). Report prepared for Parsons, Brinckerhoff, Quade, and Douglass, Inc., Newark, New Jersey.
- 1996 Management Summaries: FTS-III/Bedford and FTS-III/Uniontown Discharge Projects, Deep Testing Program (with Joseph Schuldenrein). Report prepared for Texas Eastern Transmission Corporation, Houston, Texas.
- 1996 Geoarcheological investigations at the future site of PS-56, Staten Island, New York (with Joseph Schuldenrein). Report prepared for Historical Perspectives, Inc., Westfield, Connecticut.
- 1996 Quaternary paleoenvironments in the Hackensack Meadowlands: a geological and palynological study of borings for the proposed North Arlington Force Main and Pumping Station, Lyndhurst, New Jersey (with Joseph Schuldenrein and Terryanne Maenza-Gmelch). Report prepared for Neglia Engineering Associates, Lyndhurst, New Jersey.
- 1996 Geomorphological Investigations: Eagle Suction, CNG Line 10240 Corridor, Lancaster County, PA. Report prepared for Gray and Pape, Inc., Cincinnati, Ohio.
- 1996 Geomorphological Investigations: Eagle Suction, CNG Line 10240 Corridor, Adams County, PA. Report prepared for Gray and Pape, Inc., Cincinnati, Ohio.
- 1996 The Reading Lateral Pipeline crossing of the Union Canal: Report of Geoarcheological Monitoring (with Joseph Schuldenrein). Appendix C in Report submitted by Gray and Pape, Inc. to Texas Eastern Transmission Corporation, Houston, Texas.
- 1995 Preliminary Geoarcheological Observations in the Vicinity of Lawson Airfield, Fort Benning, GA (with Joseph Schuldenrein). Report prepared for New South Associates, Inc., Stone Mountain, Georgia.
- 1995 Management Summary: I-95 Interchange Project. Report prepared for KCI Technologies, Inc., Philadelphia, Pennsylvania.
- 1995 Section on Delaware Valley Prehistory and Sedimentology. in Data Recovery Plan for the Derewal Prehistoric Site (28-Hu-530) submitted by Hunter Research, Inc. to U.S. Army Corps of Engineers, Kansas City District.
- 1995 Geomorphological and Pedological Observations at Basket Flat, Mouth of Maurice River. Report prepared for Hunter Research, Inc., Trenton, New Jersey.
- 1994 Geoarcheological observations at the Burnt Fly Bog Superfund Site. Report prepared for Richard Grubb, Inc., Cranbury, New Jersey.
- 1994 Geomorphological and pedological observations along Stony Creek. Report prepared for Hunter Research, Inc., Trenton, New Jersey.
- 1994 Phase IA Cultural Resources Survey for the Former Koppers Company, Inc. Property, New Castle County, Delaware (with Douglass C. Kellogg, Betty C. Zebrocker, and Joseph Schuldenrein). Report submitted by MAAR Associates, Inc. to Woodward-Clyde Consultants, Plymouth Meeting, Pennsylvania.

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**TECHNICAL REPORTS** (continued)

- 1994 Phase IA Background Archaeological and Historical Research for Remedial Investigations of the Former Koppers Company, Inc. Property, New Castle County, Delaware (with Douglass C. Kellogg, Betty C. Zebrocker, and Joseph Schuldenrein). Report prepared for MAAR Associates, Inc. to Woodward-Clyde Consultants, Plymouth Meeting, Pennsylvania.
- 1994 Geoarcheological investigations on the north bank of the Schuylkill River at Betzwood Bridge, Valley Forge, PA. Report prepared for Geoarcheology Research Associates to Greiner, Inc., Florence, New Jersey.
- 1993 Management Summary: Deep Testing of a Proposed Wetlands Mitigation Site on Biles Island, Bucks County, Pennsylvania. Report prepared for Geoarcheology Research Associates to Greiner, Inc., Florence, New Jersey.
- 1993 Deep Testing in the Tulpehocken Creek Floodplain, Reading Lateral Archaeological Investigations (with Joseph Schuldenrein). Report prepared for Gray and Pape, Inc., Cincinnati, Ohio.
- 1993 Management Summary: Geoarcheological Investigations of the Long Run Interceptor Project Right-of-Way. Report prepared for Kittatinny Archaeological Research, Stroudsburg, Pennsylvania.
- 1993 Management Summaries: FTS-III/Bedford and FTS-III/Eagle Discharge Projects, Deep Testing Program (with Joseph Schuldenrein). Report prepared for Texas Eastern Transmission Corporation, Houston, Texas.
- 1992 Commentary on Map of Clay Mines in the Vicinity of Santa Maria Atzompa, Oaxaca. Map and comments submitted to Drs. Gary Feinman, Steven Kowaleski, and Hector Neff in conjunction with ethnographic and archaeological fieldwork.
- 1992 Stream Trends within a Five-Mile Radius of the Proposed Site of the FTMI Hazardous Waste Management Facility, Noxubee County, Mississippi. Submitted to Patricia Thompson, Senior Geologist, DRE Environmental Services (now Franklin Engineering, Inc.), Franklin, Tennessee.
- 1992 The Stratigraphy of the Austin Cave Site (40Rb82) and Complex Environmental Response to Climatic Changes in the Middle Cumberland River Valley: A Proposal for Further Analysis. Submitted to Emmanuel Breitburg and Gary Barker, Tennessee Division of Archaeology, Nashville, Tennessee.
- 1991 National Register Nomination for the Old Copper Road, Cherokee National Forest. Prepared for the Tennessee Historical Commission, Nashville, Tennessee.
- 1991 Cultural Resources Survey and Evaluation of the Whitewater Olympic Venues, Cherokee National Forest (with Glyn D. DuVall). Report prepared for Quentin Bass, Archaeologist, Cherokee National Forest, Cleveland, Tennessee.
- 1991 Archaeological Reconnaissance of Appalachian Power Company's Transmission Line Replacements and Construction Access Roads through portions of the Cherokee National Forest, Unicoi and Washington Counties, Tennessee (with Glyn D. DuVall and James D. Merritt). Report prepared for Quentin Bass, Archaeologist, Cherokee National Forest, Cleveland, Tennessee.
- 1991 Archaeological Reconnaissance Report, Preferred Alternative and Access Roads, Right-of-Way, State Route 40, Polk County, Tennessee (with Glyn D. DuVall and James D. Merritt). Report prepared for Parsons, Brinckerhoff, Quade, and Douglas, Inc. by ERCE, Inc., Knoxville, Tennessee.

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**TECHNICAL REPORTS** (continued)

- 1991 Soil Profiles and Geomorphological Setting, 15Lv204, Livingston County, Kentucky. Report prepared to the U.S. Army Corps of Engineers, Nashville, Tennessee.
- 1991 Terrace and floodplain stratigraphy of the Spicewood Tract, Bell's Bend, Cumberland River. In report by Richard D. Taylor, Glyn D. DuVall, Richard Josephs to Spicewood Services, Nashville, Tennessee.
- 1990 Depositional and environmental history of the location of Archaeological Trench I, Achugao Nansay, Saipan inferred from visual inspection of the samples, particle size analysis, and microscopic analysis of the coarse fractions with supplementary notes on a sample from Archaeological Unit 24. Report prepared for Brian M. Butler, Center for Archaeological Investigations, Southern Illinois University, Carbondale, Illinois.
- 1990 Geological, environmental, and paleofluvial characteristics of the locations of Sites J-715, J-246, and N-5 on the property of the Southern Illinois University Airport, Jackson County, Illinois. Report submitted to Michael Hargrave, Center for Archaeological Investigations, Southern Illinois University, Carbondale, Illinois.
- 1987 Archaeological Survey for the McLeansboro Sewage Treatment Plant, McLeansboro, Illinois (with Brian M. Butler and James P. Novelli). Manuscript on file, Center for Archaeological Investigations, Southern Illinois University, Carbondale, Illinois.
- 1985 National Register Nomination for Tsosie Rockshelter (Arizona D:7:2085). Manuscript on file, Center for Archaeological Investigations, Southern Illinois University, Carbondale, Illinois.

**GRANTS, AWARDS, SERVICE, AND CONTINUING EDUCATION**

- 2006 Reader for Advanced Placement Environmental Science (APES) Examinations, Educational Testing Service, Princeton, New Jersey
- 2004 Newsletter editor, Atlanta Geological Society
- 2003 Institute for Rock Magnetism, University of Minnesota. Visiting Fellow to study "Environmental Magnetism of Susquehanna Valley alluvium"
- 2003 Workshop in Monitor/Environmental Well Construction and Direct Push Technology presented by MACTEC Engineering and Consulting, Inc. for the Atlanta Geological Society
- 2003 Pennsylvania Geological Survey Mapping Grant for sampling of fluvial and glaciofluvial deposits for optical dating.
- 2002 Fundamentals of Geology Examination administered by the Georgia Board of Registration for Professional Geologists and the National Association of State Boards of Geology
- 2001 Short Course in Sequence Stratigraphy presented by Exxon Mobil at the Annual Meeting, Geological Society of America, Boston, Massachusetts.
- 2001 Pennsylvania Geological Survey. Mapping Grant for measurement of fluvial and glaciofluvial gravel in the North Branch of the Susquehanna River valley.
- 2000 Short Course in Sediment Transport presented by Eastern Section, SEPM at the 35<sup>th</sup> Annual Meeting, Northeastern Section of the Geological Society of America, New Brunswick, New Jersey.
- 1999 Pennsylvania Geological Survey Mapping Grant for coring and cutbank description of Holocene alluvium, North Branch of the Susquehanna River.
- 1998 Pennsylvania Geological Survey Mapping Grant for coring and cutbank description of Holocene alluvium, North Branch of the Susquehanna River.

Donald M. Thieme  
(continued)

**GRANTS, AWARDS, SERVICE, AND CONTINUING EDUCATION** (continued):

- 1997 Pennsylvania Geological Survey Mapping Grant for coring and cutbank description of Holocene alluvium, North Branch of the Susquehanna River.
- 1996 University of Georgia Franklin College Travel Grant for doctoral dissertation research in Pennsylvania
- 1996 Student Travel Award for the 14<sup>th</sup> Biennial Meeting of the American Quaternary Association, Flagstaff, Arizona.
- 1995 Collections study grant to work with Zapotec urns at the American Museum of Natural History, New York, NY
- 1994 Student Travel Award for the 13th Biennial Meeting of the American Quaternary Association, Minneapolis, Minnesota.
- 1994 8 hour Refresher for Hazardous Waste/Materials Workers presented by Woodward-Clyde, Inc. to comply with OSHA 29 CFR 1910.120
- 1991 40 hour Waste Site Worker (HAZMAT) course presented by Hygiene, Safety, and Training, Inc. to comply with OSHA 29 CFR 1910.120

**PROFESSIONAL AFFILIATIONS**

American Geophysical Union	Sigma Xi, the Scientific Research Society
Geological Society of America	Atlanta Geological Society
SEPM Society for Sedimentary Geology	Society for American Archaeology
Soil Science Society of America	Register of Professional Archaeologists
American Quaternary Association	Eastern States Archeological Federation
Fluvial Archives Group	Southeastern Archaeological Conference
Georgia Academy of Science	

**REFERENCES**

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- Dr. Paul Schroeder, Department of Geology, University of Georgia, Athens (706) 542-2384
- Dr. Joseph Schuldenrein, Geoarcheology Research Associates, Riverdale, NY (718) 601-3861