



Gary M.B. Kribbs, P.G.

President, Principal Geologist

Environmental & Geological Consulting

EDUCATION

Master of Science, Geology, Structural focus, The University of Toledo, 1982

Bachelor of Arts, Geology, The University of Toledo, 1979

PROFESSIONAL REGISTRATION

Commonwealth of Pennsylvania, Registered Professional Geologist PG-000682-G

State of Delaware, Registered Professional Geologist-S40001025

State of Texas, Licensed Geoscientist-Geology- 1428

State of Tennessee, Licensed Professional Geologist- TN4226

PROFESSIONAL HISTORY

AEON Geoscience, Inc. Founder & President 5/97 to Present

Adjunct Professor LaSalle University, Philadelphia PA Fall 2010 to Present

DMJM+HARRIS, Sr. Project Manager, (office merger between TC&B & FRH) 5/2000 to 3/2001

Turner Collie & Braden Inc., Senior Project Manager, 2/1997-5/2000

AGES Corporation, Director of Geosciences, Senior Project Geologist, 2/1989-2/1997

GEO-Technical Services, Inc., Staff Geologist to Senior Geologist/Project Manager, 10/1983-2/1989

Toledo Testing Laboratories, Laboratory and Geotechnical Field Technician, 2/1983 10/1983

Cumberland Mineral, Inc., Kentucky, Geological Resource Consulting, 12/1982- 2/1983

CERTIFICATIONS

40-Hour OSHA Trained; 8 Hour OSHA Supervisory Trained; Troxler Nuclear Testing Equipment Certified

REPRESENTATIVE EXPERIENCE

Mr. Kribbs has over thirty five years of experience directing and implementing a wide-range of geologic, hydrogeologic, engineering geology, geophysical and environmental investigations and providing leadership and guidance for teams of professionals and technicians in the geoscience, geophysical and engineering disciplines. His technical responsibilities have included developing and conducting geologic, hydrogeologic (water supply, remediation design and construction and dewatering) and geotechnical surface and subsurface investigations. Mr. Kribbs has successfully completed and cost-effectively managed dozens of projects ranging in budget from several thousand to several hundred thousand dollars. His geological exploration investigations exceed 95,000 lineal feet of geotechnical and water well drilling with inspection and/or responsible direction, logging and interpretation. Over the past thirty five years, Mr. Kribbs has managed numerous consultant teams and interacted closely with public sector and private corporate clients.

- **Large Scale Hydrogeological Investigations for Raw Agricultural Commodities** (including major structurally controlled water sources & Water budgets, Infiltration and Recharge Evaluations)

Summer Springs, South Tamaqua PA Responsible geologist hydrogeological spring water supply evaluation as a raw water harvesting source.

Egg Harbor Spring Water, Tower City PA Responsible geologist hydrogeological spring water supply evaluation as a raw water harvesting source.

McNair Spring hydrogeological evaluation, RealPure Bottling Inc. Magee, Mississippi. Responsible geologist hydrogeological spring water supply evaluation for FDA compliance. Project involves pump testing evaluation, as well as resource predictions.

Fort Franklin Spring Water Source Development Snyder, PA. Responsible geologist and project manager for a full scale hydrogeological spring water supply evaluation for water harvesting. Project involves installation of 3 wells, equipment design, construction and permitting and water processing as well as resource predictions.

Hickory Springs, Ellore, South Carolina Responsible geologist for a hydrogeological spring water supply evaluation for additional water harvesting. Project involves evaluation of a spring and 2 wells, as well as resource predictions.

Vogel Farms Spring Water Source Development, Carbon County, PA. Responsible geologist and project manager for a full-scale hydrogeological spring water supply evaluation for water harvesting. Project involves installation of 2 wells, permitting and water processing as well as resource predictions, facility construction and operation assistance.

Broad Mountain Spring Water Source Development, Carbon County, PA. Responsible geologist and project manager for a full-scale hydrogeological spring water supply evaluation for water harvesting. Project involves installation of 1 production well, permitting and water processing as well as resource predictions.

Pine Valley Farms Spring Water Source Development New Ringgold, PA. Responsible geologist and project manager for a full scale hydrogeological spring water supply evaluation for water harvesting. Project involves installation of 2 wells, permitting and water processing as well as resource predictions. The project was one of the first permitted large volume spring permit in Eastern PA in 4 years. Permit Amendment design involved innovation piping design to eliminate above ground tank and tanker pump.

New Horizon Spring Water Source, Lebanon New Jersey Responsible geologist and project manager for a hydrogeological spring head water supply evaluation for water harvesting.

Hegins Water Authority Well Site, Hegins, PA. Responsible geologist and project manager for a FDA Criteria Evaluation for spring water supply source for private spring water company for a permit amendment to the Authorities well.



Totts Gap Medical Research Institute, Bangor PA. Responsible geologist and project manager for a full scale hydrogeological spring water supply evaluation for water harvesting, permitting and design. Project involves installation of well (s), permitting and water processing as well as resource predictions.

Tower City Water Authority Tower City Well Site , PA. Responsible geologist and project manager for a FDA Criteria Evaluation for spring water supply source for private spring water company and replacement well siting and further water harvesting.

- **Water Bottling Plant Permitting and Development**

Dutch Valley Foods (Weis) Sunbury PA, Responsible geologist and project manager for a Reconstituted bottling line for commercial spring water raw agricultural water harvesting.

YBCo. Pottsville PA. Responsible Geologist for a source water exploration for a Beer bottling facility.

Crossroads Beverage Group, LLC, Reading PA. Responsible geologist and project manager for a full-scale hydrogeological water supply evaluation for new 325,000 sf commercial Spring Water raw agricultural water harvesting. Project involves permitting and development of new plant, 3 bottling lines and permitting 6 new sources through FDA and New York Department of health.

Wissahickon Spring Water, Hamburg PA. Responsible geologist and project manager for a full-scale hydrogeological water supply evaluation for commercial spring water raw agricultural water harvesting. Project involves installation of 3 existing wells, permitting and water processing as well as resource predictions.

- **Large Scale Hydrogeological Investigations, Public Water Supplies and Power Plants** (including major structurally controlled water sources & Water budgets, Infiltration and Recharge Evaluations)

Duke Farms Estate Water Budget for Man-made lake, falls & fountain system Somerville, New Jersey. Responsible Technical expert for a 100 year old man-made 60-acre lake, fountain & falls system involving water budget calculations, hydrologic characterization and monitoring specifications for an in-stream mitigation site.

Morgan Hill Development Golf Course Irrigation Water Source Development Williams Township, PA. Responsible geologist and project manager for a full scale hydrogeological irrigation water supply evaluation for commercial development. Project involves installation of supply well(s), permitting and impact analysis to surrounding domestic wells, wetlands and springs and resource predictions.

M & M Stone Argillite Quarry, Telford, PA. Responsible geologist and project manager for a hydrogeological impact investigation to the surrounding domestic and public water supply wells involving multiple and multi-level piezometer installations to 500 feet in a dual fractured bedrock aquifer system.



Drexel Brook Associates, Upper Darby PA. Responsible geologist and project manager for a full-scale hydrogeological public/community water supply evaluation for commercial development. Project involves installation of 2 extraction wells, permitting and water processing as well as resource predictions.

Amore Estates Housing Development, Lower Pottsgrove Township, PA. Responsible geologist and project manager for a full scale hydrogeological water supply evaluation and permitting.

Lansford/Coaldale Joint Water Authority, Schuylkill County, PA. Evaluating geologist for investigations conducted at an abandoned NPL site to assess the impact to a nearby public water supply. A 48 hour, high yield, long term pumping test was conducted with gradient reversal monitored.

North Eastern Power Company NEPCO Cogeneration Plant McAdoo, PA. Project manager and responsible geologist for the cooling water supply for the cogeneration power plant. A 24 hour long term test was conducted for permitting to the SRBC.

Graterford Prison Water Supply Study, Bucks County, PA. Responsible geologist in the design, location and installation of three (3) 600' water supply wells on the prison property. A 24 hour long term pump test was conducted for the permitting process.

- **Legal Consulting in Hydrogeological/Geological, Karst and Solid Waste Disciplines**

MC Resource Development Environmental Hearing Board Review of Pine Valley Farms Spring Water Source Development New Ringgold, PA and Sale to Crossroads Beverage Group LLC Reading PA. Responsible geologist and project manager for a re-evaluation of permit by DEP Project involved litigation support of the Permit and PADEP criteria. 2013-2017

Grimm Spring/Fix Property Fayette County PA Lead geologist & expert for a litigation on the hydrogeological evaluation of property take and value as possible commercial spring water development 2009-2013.

Chrin Landfill Northampton County PA. Continued Karst Geology evaluation & geological expert on Karst strata beneath are in and around subject property. 1989-2013

M & M Stone Argillite Quarry, Telford, PA. Lead geologist & expert for a litigation on the hydrogeological impact investigation to the surrounding domestic and public water supply. (Mr. Doug Blazey, Esq.) (1989-2012)

Montgomery County Pa. Private Home Karst Case forensic report to support legal negotiation for karst repair work 2009.

Crane Collapse-Karst Zajac, Esq. Forensic evaluation of technical work conducted leading up to a Karst sinkhole causing crane collapse in Lancaster County. Numerous human injuries. Expert evaluation 2007.



MC Resource Development Environmental Hearing Board Review of Pine Valley Farms Spring Water Source Development New Ringgold, PA. Responsible geologist and project manager for a full-scale hydrogeological spring water supply evaluation for commercial development. Project involved litigation support of the Permit and PADEP and DRBC criteria. 2001-2004

U.S. Department of Justice, Washington, D.C. for the U.S. EPA and the Dorney Road Landfill Lehigh Co., PA. Expert Technical support to the DOJ and EPA in defense to a counter suit against the EPA. (Ms. Nancy Flickenger, Esq.)

Eccleston & Wolf, Baltimore, Maryland. Evaluation of the feasibility of the Permitted Expansion of the existing Frederick County facility. Technical and factual testimony. (Mr. A.I. Frederick, Esq. & Mr. M. Ranck, Esq.)

Cohen, Shapiro, Polisher, Shiekman & Cohen, Philadelphia, PA for DSCWA at the Colebrookdale Landfill, Berks Co. PA. Factual and technical testimony and support. (Mr. D. Brooman, Esq.)

Walsh and Menapace, Sunbury, PA for Kreamer Automotive, Kreamer, PA. Defendant in a class action suit involving LUST and public water supply. Technical testimony (Mr. R. Walsh, Esq.)

Anderson, Coe & King, Baltimore, Maryland. Technical support for several LUST and surface spills. (Mr. Macy Nelson, Esq.)

Robert J. Kline, Esq. For Whitehall Township, Lehigh Co., PA. Evaluation of Township construction activities related to karst (sinkhole) collapse, explosion and loss of life.

- **Delaware River Geotechnical Investigations for Channel Depth expansion. Philadelphia Army Corps of Engineers and Philadelphia River Port Authority.**

Several contracts from 2010 to 2016 through GBA and PRPA project geologist for logging and quality control for rock coring and vibra-coring from Tinicum PA to the Delaware Bay. Two month long mobilizations on a lift boat wire-ling coring the bedrock for potential blasting evolutions. Three multi-day mobilizations for vibra-coring to evaluate the sediment texture and quality. 2016 Calibrating a new drilling barge with precision penetration & logging equipment for the final blasting work.

Delaware River Eddystone Access channel Geotechnical Investigations.

Responsible geologist for private short term contract diamond core drilling, inspection rock quality analysis and recommendations.

- **Large Scale Geotechnical Investigations**

SR 476 RES Montgomery County PA. Karst Evaluation consultant to PennDOT (F.R. Harris) team for the Schuylkill Expressway to the Turnpike.



SR 76 Montgomery County PA. Geotechnical consultant to PennDOT team (Boles Smyth) for the slope stability of Schuylkill Expressway interchange and Henderson Road.

Reading Regional Airport, Berks County PA. Karst Evaluation Consultant to DMJM Aviation for runway and drainage design rehabilitation .

Chrin Brothers, Inc, Northampton, County, PA. Project geologist for a geological/geotechnical investigation for the karst conditions for a curative amendment to the Township Zoning.

Cross Valley Expressway (Rte. 309) Luzerne County, PA. Project manager for a PennDOT roadway and highway structure (4 bridges), subsurface investigation through deep and surface coal mines, geotechnical investigation of varied clay and mines.

L.R. 1045 - H60 (I-78), Lehigh County Project manager for a PennDOT roadway and highway structure (3 bridges) and subsurface investigation in karstic area.

L.R. 1010 - D3T (I-476), Montgomery County Project manager for a PennDOT roadway and highway structure (9 bridges) subsurface investigation in karstic area and geotechnical investigation of a residual waste disposal area.

L.R. 1010 - D2R (I-476), Montgomery County Project manager for a PennDOT roadway sinkhole collapse investigation and remediation design.

L.R. 1067 - 1 (I-81), Cumberland County Investigating geologist for PennDOT roadway and structure investigation in karstic area.

TR - 144 (Route 322 bypass, Center County Investigating geologist for a PennDOT roadway corridor evaluation through mountainous terrain and karstic areas.

8South 3rd Street Bridge, City of Easton (Northampton County) Investigating geologist for a large span bridge (Lehigh River) foundation investigation in karstic terrain.

Ingersoll-Rand Company Shippensburg, Pennsylvania Managed construction and inspection of caisson foundations in karstic terrain.

Lackawanna Valley Expressway, Lackawanna County, PA. Investigating geologist for a Coal Mine evaluation for PennDOT roadway corridor study.

Route 222 Reading Bypass, Berks County, PA. Investigating geologist for a PennDOT roadway subsurface investigation in karstic terrain.

North Eastern Power Company NEPCO Cogeneration Plant McAdoo, PA. Project manager and responsible geologist for a deep and surface mine evaluation for cogeneration plant site. Geotechnical subsurface investigation of a seven acre site. Inspection and certification of 190 caissons for the plant's foundations.



- **Major Slope Stability, Landslide Dam Stability Projects**

FEMA District 3.0 DFO New Castle DE. Inspection and evaluation of flood event damage to highway, 2 bridges and twin sluice gates along Silver Lake Road in Middletown DE. for FEMA.

FEMA District 3.0 Philadelphia PA. Inspection and appeal evaluation of flood event 1093 damage to earth embankment dike in River Front Park in Harrisburg PA, for FEMA.

FEMA District 3.0 Philadelphia PA.. Project Manager and geologist for the geological-geotechnical evaluation of flood event 1093 damage to a water supply dam second appeal in Pennsylvania, for FEMA.

FEMA District 6.0 Denton, Texas Inspection and evaluation of flood event 1257 damage to 2 150 year old rock & cedar crib wall structure on the San Marcos River, Hays County Texas, for FEMA.

FEMA District 9.0 California. Statewide mud and landslide evaluation for FEMA disaster #1203. Project involved field inspections and reports of dozens of slides across the state for FEMA funding eligibility.

Lowell Street Landslide Investigation Clifton Forge, Virginia. Project Geologist and project manager of mudslide investigation within the City of Clifton Forge Virginia. Geological & subsurface investigation of a 3000' long natural unconformity escarpment positioned upslope of a school and residential area.

Eisenhuth Dam Stability Evaluation, Ryan Township, Schuylkill County, PA. Project geologist for a geological & geotechnical slope stability and longevity evaluation of a 115 year old 40' high 1500' long puddled clay core dam. Specifics included detailed subsurface investigation, in-situ and laboratory testing, piezometer installation, monitoring and evaluation.

Wolf Creek Dam Stability Evaluation, Blythe Township, Schuylkill County, PA. Project geologist for a geological & geotechnical slope stability and longevity evaluation of a 75 year old 62' high 1400' long concrete core dam. Specifics included detailed subsurface investigation, in-situ and laboratory testing, piezometer installation, monitoring and evaluation.

Chrin Brothers Sanitary Landfill, Northampton, County, PA. Project manager and geologist for a geological/geotechnical investigation for the stability evaluation of overtopping an unlined natural renovation landfill to facilitate expansion.

Colebrookdale Sanitary Landfill Expansion, Berks County, PA. Project manager and geologist for geological/geotechnical slope stability evaluation for the construction of six double lined cell expansions for an active facility.

Colebrookdale Sanitary Landfill Sedimentation Basin , Berks County, PA. Project manager for geological/geotechnical slope stability evaluation for a large sediment basin evaluation constructed on a historic slump prone slope.



Cross Valley Expressway (Rte. 309) Luzerne County, PA. Project manager and geologist for a PennDOT roadway slope stability & rock fall evaluation with near vertical rock road cuts in deep coal mined areas.

L.R. 1045 - H60 (I-78), Lehigh County Project manager and geologist for a PennDOT roadway, with an eighty feet deep road cut through karst and slide prone terrain.

- **Large Scale Environmental Assessments, Spill Remediation & Storage Tank Evaluations**

Durkin Contracting, Philadelphia, PA. Currently the responsible geologist and project manager for the characterization, evaluation and remediation of a large “offsite source” volatile organic plume.

DRPA Teir-1 Phase 1 Environmental Assessment, Philadelphia Pennsylvania, Former Navy Yard environmental assessment of 300 acres of the Mustin Field and east half of the facility.

JFK International Airport, New York City, New York. Project manager overseeing a Deicing Study to access new technologies, capture and treatment for proposed 100-acre 54 gate American Airlines Apron Expansion.

New Castle County Airport, New Castle, Delaware Project Manager responsible for producing a fast tracked first edition of Storm Water Pollution Prevention Plan required mitigating a notice of violation pursuant to new DREC NPDES regulations.

Bangor Borough Authority, Bangor, PA. Responsible geologist and project manager for the assessment, evaluation and restoration Work Plan development of an abandoned incinerator and municipal incinerator ash disposal facility.

Philadelphia International Airport Runway 8-26 Expansion, Philadelphia & Delaware Counties. Project manager of oversight and technical review contract for the environmental aspects of this new runway design. Involved wetlands, geotechnical complexities, and constructing over a closed delisted NPL site within a sole-source aquifer district. Interacted with four consultants, clients and agencies.

Pennypack Park Wetland Mitigation Project, Philadelphia PA. Project Manager and responsible Geologist for the construction of a waste disposal area and subsequent completion of the design of a 14.5 acre Incinerator Ash waste facility in conjunction with a 12 acre tidal wetland mitigation project. Coordinated on a team of three consultants.

Colebrookdale Landfill, Berks County, PA. Responsible geologist and project manager for water quality evaluation of historical contamination present within an active operating lined facility’s monitoring system.

Barger/Mobil, Camden, NJ. Responsible geologist and project manager for the characterization, evaluation and construction of a pump and treat remediation system from a LUST in a paleoestuary system.

Colwell Lane Site, Plymouth Meeting, PA. Responsible geologist and project manager for the characterization and evaluation of an abandoned industrial dump site.

Mill Run Corporate Center, Lehigh County, PA. Responsible geologist and project manager for a Phase 1 and 2 assessment of an abandoned cement and concrete facility.

Social Security Administration Building, Wilkes Barre, PA. Responsible geologist and project manager for a geotechnical evaluation of a building site, including initial coal reserve estimation through subsurface investigation to foundation excavation inspection and certification.

V.A. Federal Building, Wissahickon Avenue, Philadelphia, PA. Responsible geologist and project manager for an environmental evaluation of an existing industrial site and building and preliminary geotechnical investigation.

- **Large Scale Brownfield's Restorations to Wetlands & Hydrogeomorphology Investigations**

Philadelphia International Airport Current Expansions, Philadelphia & Delaware Counties. PG., oversight, design and evaluation for expansion mitigation projects.

FDR Park site evaluation for mitigation project , Philadelphia PA. Responsible geologist for the design and 20-30 acre Brownfield wetland mitigation Site involving significant historical fill materials.

River's Edge Memorial Center (Mausoleum) site evaluation for mitigation project , Philadelphia PA. Responsible geologist for the design and 8-10 acre Brownfield wetland mitigation Site involving significant hazardous materials.

Pennypack Park Wetland Mitigation Project #2 , Philadelphia PA. Responsible geologist for the design and 8-10 acre Brownfield wetland mitigation Site.

Tacony Warehouse, Philadelphia PA. Responsible geologist for the design and 6-8 acre Brownfield wetland mitigation Site closed under Act 2 protocol.

PennDOT Route 202 Corridor-Montgomery & Bucks County, PA. Project Manager for ongoing hydrogeological evaluation of the constructed wetland mitigation sites in and around the Route 202 in Bucks County. Total of 26 wells in and around the constructed wetland and reference wetlands. Ongoing analysis of data logger records of surface and groundwater water conditions on the sites.

New Jersey Turnpike Secaucus Interchange Project, Secaucus, New Jersey. Responsible Technical expert for a 50-acre wetland mitigation project involving water budget calculations, hydrologic characterization and monitoring specifications for an in-stream mitigation site.



Philadelphia International Airport Runway 8-26 Expansion, Philadelphia & Delaware Counties. Hydrogeologic and environmental evaluation of a 26-acre tidal wetland constructed in Henderson Tract within John Heinz Wildlife Refuge, Tincum Township, Delaware County PA.

Pennypack Park Wetland Mitigation Project, Philadelphia PA. Project Manager and responsible hydrogeologist for the groundwater quality evaluation and environmental investigation of a 12 acre tidal Brownfield wetland mitigation project.

PennDOT Route 202 Corridor-Montgomery & Bucks County, PA. Project Manager for a hydrogeological siting evaluation of over 25 mitigation site candidates and groundwater and surface water evaluation of the final six proposed wetland mitigation sites in and around the Route 202 corridor for the Environmental Impact Statement.

Wheelabrator Transfer Facility- Morrisville, PA. Project Manager for a hydrogeological evaluation of a 5 acre wetlands mitigation site in a steel-kiln waste dump area. Included well siting, drilling and slug testing for aquifer parameters, monitoring and variation prediction.

Colebrookdale Landfill -Earl Township, Berks County PA. Project Manager for a hydrogeological & geotechnical evaluation of candidate sites for 2 acre mitigation site.

John Heinz Wildlife Refuge-Tincum, PA. Project Manager for Sediment environmental quality evaluation of a constructed 25 acres mitigation site.

- **Major Solid Waste Facility Projects**

Chrin Brothers Sanitary Landfill, Northampton, Co. PA. Current on call Geological Expert.

Chrin Brothers Sanitary Landfill, Northampton, Co. PA. Responsible geologist and project manager for a complete geological/hydrogeological characterization for the facility expansion, groundwater monitoring and statistical evaluation, and groundwater contamination abatement system design.

Colebrookdale Sanitary Landfill, Berks, Co. PA. Responsible geologist and project manager for the geological/hydrogeological confirmation during expansion construction. Characterization for additional expansion design. Creation and implementation of old dump exhumation program and remediation within an active facility. Also, groundwater/surface water monitoring and evaluation of the overall site.

Hamms Sanitary Landfill, Sussex Co. NJ. Responsible geologist and project manager for groundwater quality monitoring and evaluation for the facility to New Jersey DEPE.

M & M Development Construction Demolition Landfill (Harleysville Quarry), Montgomery Co., PA. Responsible geologist and project manager for a complete geological/hydrogeological characterization of the proposed facility converting an exhausted argillite strip pit to a state of the art disposal facility.



Sugarloaf Landfill, Luzerne Co., PA. Responsible geologist and project manager for a complete deep and strip mine subsidence evaluation, geological/ hydrogeological characterization beneath a closed natural renovation facility in order to convert and reopen the site to a double lined municipal solid waste facility.

Coatesville Landfill, Chester Co., PA. Responsible geologist and project manager for groundwater quality monitoring and statistical evaluation of a closed natural renovation facility.

- **PROFESSIONAL COURSE WORK (TEACHING)**

PCPG Instructor for Continuing Education (PDH) Course work

Basic and Advanced Principals of Hydrogeology, Instructor

Soil Science: Basic and Practical Field Methodologies and Applications,

Instructor (geotechnical section)

Fundamentals of Geology & Applied Geology, Instructor (Engineering Geology Section)

LaSalle University (adjunct Professor)

Structural Geology (303), Fall 2010, Fall 2012, Fall 2014, Spring 2015, Fall 2016

Hydrogeology (306) Spring 2012, Spring 2014, Spring 2015, Spring 2017,

Environmental Geology "Field Methods" Spring 2018, Scheduled Structural Geology

Fall 2018, Scheduled Hydrogeology Spring 2019.

- **PUBLICATIONS**

Dean, S.L., Kulander, B.R. Baronoski, M.T. , Bertoli, L.A., Kribbs, G.M., Lockman, D., Mumpower, D.S., & Stephens, T.C. Regional Joint Patterns and Chronology of Origin in Western Valley and Ridge and Eastern Allegheny Plateau of West Virginia and Maryland, Geological Society of America, Abstracts with Programs, Southeastern Section, 1983, 15,96.

Dean, S.L., Kulander, B.R. Baronoski, M.T. , Bertoli, L.A., Kribbs, G.M., Lockman, D., Mumpower, D.S., & Stephens, T.C. Regional Joint Analysis of the Western Valley and Ridge and Eastern Allegheny Plateau of West Virginia and Maryland, Proceedings of American Association of Petroleum Geologist, Annual Convention, 1983.

Deutsch W.L., Beratan J., Kruppenbacher, T., Kribbs, G., An Overview of the Innovative Geotechnical Aspects of the Runway 8-26 Project at Philadelphia International Airport., Mid-Atlantic Industrial & Hazardous Waste Conference, July 12-15, 1998 Villanova University, Villanova Pennsylvania., pgs 62-74.

Beratan, J., Coval, M., Richards, W.G., Velez, V.G., Scheinfeld, R.A., Boschen, C. E., K, Kribbs, G., Philadelphia International Airport's Runway 8-26 Development Land Recycling of a Delisted Superfund Site, Mid-Atlantic Industrial & Hazardous Waste Conference, July 12-15, 1998 Villanova University, Villanova Pennsylvania., pgs 121-130.



Beratan, J., Scheinfeld, R.A., Cairns, J. D., Atkinson, S. A., Green S. A. Young P. S., Kruppenbacher, Boschen, C. E., Kribbs, G., Groundwater Remediation System for the Runway 8-26 Development Project: Philadelphia International Airport, Philadelphia PA. Mid-Atlantic Industrial & Hazardous Waste Conference, July 12-15, 1998 Villanova University, Villanova Pennsylvania., pgs.889-899.

Beratan, J., O'Neill, P., Velez, V.G., Scheinfeld, R.A., Boschen, C. E., Kribbs, G., Environmental Cooperation on the Runway 8-26 Development Project, Mid-Atlantic Industrial & Hazardous Waste Conference, July 12-15, 1998 Villanova University, Villanova Pennsylvania., pgs 829-838.

Lee R. , Callahan. P., McInnes, S, Shelly B., Didier D., Snyder, K, Iqbal A., and Kribbs, G. MASW Survey Identifies Causes of Sink Activity Along I-476 (Blue Route), Montgomery County, Pennsylvania, GEO-Institute, GeoFlorida Geophysical conference February 2010.

Diggory, Molly and Martin Helmke, West Chester University Department of Geology and Astronomy, West Chester, PA.; Gary Kribbs, Aeon Geoscience, Inc., Havertown, PA. Evaluation of Stormwater Infiltration Basins as a Sinkhole-Triggering Mechanism AEG Annual Meeting Seattle Washington, September, 2013.

- **PROFESSIONAL AFFILIATIONS AND ADVISORY COMMITTEES**

PA DCNR Conservation & Natural Resource Advisory Committee Board Member

Term October 2002 to January 2020 (Chairman)

Pennsylvania Council of Professional Geologists (PCPG) Board of Directors 2001 through 2008
Past President 2006 through 2007. Current Member and Board of Directors 2011 through 2016. 2016 President. Past President 2017-2018

PA Act 220 Delaware Basin Regional Water Resources Committee Member PG. representative. 2004 through 2013.

Association of Engineering Geologists Manuscript reviewer for the EEG 2001& 2006.
Current member.

Association of Ground Water Scientists and Engineers (NGWA). Current Member.

Member of the Delaware Basin Regional Water Resources Committee Term

September 2003 through September 2013. Current member.

American Water Resources Association (AWRA), 1995 National Publications Committee. Manuscript reviewer for the Journal of the American Water Resources Association, 1997, 1998, 1999, 2012.

