278 N. Union St., Suite 135
Lambertville, New Jersey 08530
vuhl@vuawater.com
Tel: 609.947.1703
vuawater.com • sme-engineers.com

VINCENT W. UHL, P.H., P.G.

EDUCATION

MS Hydrogeology, University of Arizona
MS Agricultural Engineering, Oklahoma State University
BS Mechanical Engineering, University of Notre Dame

PROFESSIONAL REGISTRATIONS AND CERTIFICATIONS

Professional Geologist – State of New York – No. 000138
Certified Professional Hydrogeologist - AIH No. 389

EMPLOYMENT HISTORY

2025 to present – Sevee & Maher Engineers, Inc., DBA UHL & Associates, Hydrogeologist
1991 to 2025 – UHL & Associates, Inc., Lambertville, New Jersey, Principal and Hydrogeologist
1984 to 1990 – Geraghty & Miller, Inc., Vice President
1982 to 1984 – Malcolm Pirnie, Inc. Manager Hydrogeology Group
1977 to 1982 – Geraghty & Miller, Inc., Senior Hydrogeologist
1970 to 1977 – Water Development Project, India, Project Manager and Advisor
1966 to 1968 – Peace Corps Volunteer, India

AFFILIATIONS

North Jersey Water Conference
New Jersey Water Association
Global Water Alliance

COUNTRY EXPERIENCE

Asia:	Bangladesh, India, Sri Lanka, Pakistan, Malaysia, and the Philippines.
Africa:	Angola, Botswana, Burkina Faso, Cameroon, Chad, Djibouti, Ethiopia, Kenya, Liberia, Malawi, Mali, Mozambique, Niger, Nigeria, Senegal, Somaliland, Somalia, and South Africa.
Caribbean:	Guatemala, Haiti, Puerto Rico, and St. Croix.
Middle East:	Afghanistan, Jordan, Lebanon, Syria, Tajikistan, and Saudi Arabia
South America:	Ecuador

PROFESSIONAL PROFILE

Mr. Uhl began his career in water supply development and management in Central India where he initiated a water development project for the Lutheran Church at the age of 25. This project evolved into an organization with over 50 employees and provided a full service approach to water supply

development from the siting of production wells utilizing geophysics and remote sensing applications to well repairs and drinking water quality evaluation. The project installed over 3,000 wells in the hard rock regions of central and southern India and provided a training ground for other projects in the region including UNICEF - WES.

Since that time, Mr. Uhl has specialized in the exploration, development, protection, and management of water resources for public, industrial and agricultural uses and in the investigation and remediation of soil, groundwater, and surface water contamination incidence. He has investigated and characterized hundreds of industrial sites, large municipal landfills, interstate petroleum and gas pipelines and formulated monitoring and remedial strategies with regulatory authorities. While with Geraghty & Miller, Inc. he led a 2-year project that culminated in the preparation of the Underground Injection Control (UIC) regulations for the United States Environmental Protection Agency.

At Malcolm Pirnie, Inc., an international civil engineering firm, he managed the firm's Groundwater Group. In 1984, he opened and managed a New Jersey office for Geraghty & Miller, Inc., a highly respected groundwater, and environmental engineering consulting firm. In 1991, he started his own consulting practice that provides water and environmental consulting to industry, municipalities, international governments, consulting firms and legal clients on all projects with water and/or environmental components. He has worked extensively in the United States, Sub-Saharan Africa; the Middle East; South Asia on short and long-term assignments. He has managed and directed many large water-supply development, management, planning, and protection projects in the United States and abroad.

He has a seasoned, field-based background that is invaluable for detailed analysis of groundwater systems as a basis for sustainability/recharge evaluations and optimal groundwater systems management. Mr. Uhl has taught graduate level courses in Hydrogeology at the University of Maryland, the University of Akola in India, and at the New Jersey Institute of Technology in Newark, New Jersey. He has given many presentations at seminars, international conferences, universities, and for corporate forums.

REPRESENTATIVE PROJECTS

Water Supply Development, Planning and Management

Mr. Uhl has a range of experience in water development that covers the initial phase of project development through final analysis of resource sustainability, development alternatives, and groundwater systems installation and commissioning. He has directed projects over large study areas and in complex hydrologic and hydrogeologic settings. He has particular experience in practical applications including appropriate drilling techniques for unconsolidated and bedrock conditions, test and production well design, test drilling, production well drilling and aquifer testing programs. He has been involved with the design and installation of many hundreds of production wells (up to 1000 meters deep) and aquifer pumping tests in all types of hydrogeologic settings.

He is currently managing water development projects for large groundwater based municipal and industrial utilities and international clients. These projects address basic and complex water issues such as protection, management, new source development and sustainability. He has had the opportunity overseas to work in unexplored areas and in large scale multi-disciplinary water resource evaluation and planning.

Morris County Municipal Utilities Authority – Feasibility assessment of potential to use an underground mine (3,200 feet deep) as a storage reservoir with skimmed surface water as a source of supply.

City of East Orange, NJ - Wellfield redevelopment program for a 10 mgd (1,600 m^3/hr.) wellfield, design, and installation of four 1 mgd (160 m^3/hr.) production wells, and aquifer management evaluation. Well field protection and sustainability evaluations. Strategic Planning, Operations.

Montville Township MUA, NJ - Geophysical studies to site test wells, evaluation of recharge and sustainability for the township's main aquifer system, wellhead protection analyses, and aquifer management evaluation. Water quality studies and evaluation of groundwater/surface water interaction. Well redevelopment program(s) management, strategic planning, and operations.

City of Orange, NJ - Design and installation of 2 mgd replacement production well. Permit preparation. River basin sustainability assessment.

New Jersey American Water Company, NJ - Wellfield redevelopment program for a 10 mgd (1,600 m^3/hr.) wellfield.

Borough of Fairlawn, NJ - Water-supply development project from exploration through production well installation that resulted in the development of 1 mgd (160 m^3/hr.) from a consolidated bedrock aquifer system. Permit preparation and regulatory interface.

City of Virginia Beach, VA - Several groundwater exploration and development projects including feasibility study and field program to assess utilization of brackish groundwater for desalination feed water; installation of deep large capacity production wells (350 m^3/hr.); and assessment of shallow aquifer systems within the City.

Hoechst Celanese, NJ - NJDEP groundwater allocation permit for existing and new bedrock production wells involving well installation; aquifer pumping tests, and impact assessment/permit application preparation.

<u>International Projects</u>

Sahel – World Bank – 2021-2022: The Sahel Groundwater Initiative to Inform Equitable Groundwater Irrigated Agriculture is focused on the following six countries in the Sahel Region of Sub-Saharan Africa (SSA): Burkina Faso, Chad, Mali, Mauritania, Niger and Senegal.

The principal project objective is to assist in strategies and polices to enhance Farmer-Led Smallholder Irrigation (FLSI) and Women-Led Irrigation (WLI) in the Sahel by: (a) identifying the key technological, gender and financial barriers that are limiting access to shallow groundwater-based irrigation in the project countries; (b) the development of proposals to address these barriers; and (c) recommendations for and preliminary scopes of work for two pilot areas.

Niger and Burkina Faso – Winrock/USAID – 2019 to 2021: RISE 2 project. Focus on groundwater sustainability assessments and water point surveys at a communal level in Zinder and Maradi Regions.

Worked in close collaboration with two universities and graduate students in coordinating water point surveys of over 5000 water points.

Niger - Stantec/MCC – 2018 - 2024: Technical advisor on irrigation and groundwater matters for MCC initiatives in Niger.

Senegal - Stantec/NRCE/USAID – 2016- 2019: Technical support on groundwater related aspects of the USAID ACCES project. Production well diagnostic evaluations; aquifer pumping tests; groundwater recharge analysis at a country wide level; training of students in water point surveys and field water quality analysis; workshops development; MUS Plan development.

Ethiopia, ATA – 2017, 2018 & 2019: Provision of technical support in shallow drilling technologies for boreholes and hand dug wells and shallow low capacity pumping technologies for small scale irrigation.

MWH/USAID – Global – 2013 to 2016 (Ethiopia, Niger and Senegal): Provision of professional water-related consulting services to USAID headquarters and country missions on matters relating to country water programming; review and evaluation of technical work products by others for USAID missions; development of technical primers on subjects such as groundwater exploration methodologies; sustainable development of groundwater for irrigation; and case studies on large scale groundwater exploration projects. Develop and implement a training workshops (Niger & Senegal) on borehole/well design and maintenance technologies with field demonstrations.

Afghanistan, CIDA – 2014: Evaluation Hydrologist for the Arghandab Irrigation Rehabilitation Project (AIRP) in Kandahar Province. Work Plan development; field infrastructure surveys of Dahla Dam; main diversion weir; 70 km of main canal; secondary canals and canal infrastructure. Draft and final report preparation and submittal. Development of survey forms for local enumerators for farmer interviews and focus group discussions.

Bangladesh, Asian Development Bank – ADB TA 7820 – Supporting the Khulna Water Supply Project – 2012: Project Team Leader. The principal purpose of this capacity building technical assistance (TA) was to strengthen KWASA's capacity in advance of the investment from JICA and the ADB to enable KWASA to implement the Khulna Water Supply Project effectively and efficiently. Main components included: a. Updating the 5-year business plan; b. Development of training programs for KWASA staff on multiple topics; and c. Input on service connection policy, technical standards for meters, etc.

Liberia, The World Bank – 2011 - 2012: Coordinated and implemented a water point sampling program at 200 water points in the capital city of Monrovia, Liberia. The collected samples were analyzed for bacteriological content (total coliform and E coli) and chemical content. The program is designed to assist the World Bank in developing recommendations for improving impacted water sources.

Lebanon, USAID - 2010 – 2014: Litani River Basin – Bekaa Valley. Overview of groundwater conditions in the heavily irrigated Bekaa Valley and development of a program to quantify the impacts of irrigation pumpage on water levels in the valley. Formulation of field data collection activities for the development of a groundwater management model and program.

Afghanistan, USAID – 2009 - 2010: Farah Province – Western Afghanistan. Conducted a groundwater assessment of Bakwa District to evaluate irrigation development potential and studied groundwater resources for specific areas of Farah District along the Farah River.

Catholic Relief Services – 2008 - 2009: Assisted CRS in the development of a Groundwater Development Manual for use by country offices and projects.

Afghanistan, USAID – 2007 - 2008: Provided technical assistance to our partner firm (Basic Afghanistan Services) and Chemonics International for water resource evaluation projects in the northern desert of Afghanistan in Balkh Province. Assisted BAS in an irrigation feasibility assessment project in Northern Afghanistan for Chemonics International and for a village water supply project in Baghlan Province in Northern Afghanistan for ARD.

Sri Lanka, USTDA and WorldWater Corporation – 2005/06: Retained by WorldWater Corporation to provide hydrogeologic exploration and groundwater supply development services for a pilot village water supply program in Southern Sri Lanka. Analyzed satellite imagery, conducted ground geophysical surveys, and installed production wells for selected villages for drinking water supply purposes.

Afghanistan, USAID – 2003: Retained by Development Alternatives Inc. /USAID to develop an overall assessment of groundwater conditions in Afghanistan at large and to assess potential river basins where groundwater might be in a state of overdevelopment. Vincent Uhl travelled to several river basins and interviewed/met with relevant governmental departments and NGOs and United Nations organizations. Developed an analysis of recharge to the principal aquifer systems in the five major river basins and developed the scope of and elements for an in-depth analysis of river basins where overdevelopment of groundwater is a concern. A technical scope was also developed for river basins where groundwater is underutilized and represents a potential source for future irrigation use.

Botswana, Southern Africa – Government of Botswana - 1995 to 2004: Project Team Leader for a two-year regional groundwater exploration project over a 14,000 km^2 study area to identify and assess potable groundwater resources for the Town of Maun on the distal end of the Okavango Delta. A multidisciplinary approach was applied to this large study area to evaluate promising areas for groundwater exploration in a heretofore unexplored region. Most of the study area lies in the Kalahari Desert and a small portion lies within the seasonal swamps of the Okavango Delta. Managed a 30-person multi-disciplinary team from eight countries. The principal technical disciplines for delineation of exploration areas included remote sensing, vegetation analysis, geomorphology, structural geology, surface water hydrology, surface and airborne geophysics, stable and radioactive isotopes, hydrogeochemistry, groundwater and surface water modeling and hydrogeology.

The project included installation of over 60 exploration wells and 50 aquifer pumping tests. It assessed the development potential of six exploration areas which involved groundwater modeling, recharge analysis, assessment of quantities of sustainable recoverable groundwater, and development costs. We developed a strategic plan for phased groundwater development to the year 2030. This was the largest groundwater project conducted for the Government of Botswana Department of Water Affairs. Technical Consultant for the Maun Phase 2 project. Directed a Feasibility Assessment to evaluate applicability of horizontal collector wells for supply to the Town of Maun.

City of Hargeisa, Somaliland – 1998: Evaluated the water supply system for the capital city of Somaliland at the request of the President. The project included an evaluation of operational production wells, analysis of water level changes, and recommendations for mechanical improvements and future hydrologic data collection and analysis.

Madhya Pradesh – India – 1970s: Initiated and directed a rural water-supply development project in Central India that developed groundwater for town, village, agricultural irrigation, industrial and institutional supply. The project evolved into an organization with more than 50 employees and provided services in well siting surveys (primarily geophysics), production well installations, aquifer pumping tests, well and pump maintenance, water-quality studies, and groundwater consulting. The project was funded by the Lutheran World Federation and other NGO and governmental organizations including the Canadian International Development Agency (CIDA).

Environmental Evaluation, Protection and Remediation

Mr. Uhl has directed and managed a wide spectrum of projects in the environmental arena ranging from policy and regulatory matters to site-specific industrial/landfill evaluations and technical support for litigation matters. He led the project team that developed the United States Environmental Protection Agency's Underground Injection Regulations (UIC). He has worked on more than 30 landfill sites and over 150 industrial facilities of various sizes on a wide range of issues from investigation of the nature/extent of land and groundwater pollution to remedial design and implementation. Investigations were at sites and land areas impacted by organic, heavy metal, PCB, and inorganic pollutants.

He has been involved with regulatory negotiation in regard to remediation and has worked on over 20 sites on the federal Superfund list. He is often requested to provide independent review and analysis of technical work carried out by other consultants. A significant part of his environmental experience has been in the assessment of groundwater flow systems, hydraulics, and remediation of contaminated sites underlain by fractured bedrock aquifer systems.

Artificial Recharge

Maun, Botswana, Southern Africa - Assessment of artificial recharge feasibility as a method to sustain the life of the Town of Maun's existing wellfield. The project involved field pilot tests, evaluation of water source alternatives, computer modeling, and economic analysis.

Cessna Facility, NJ - Evaluated a non-functioning injection well system designed for recharge of treated groundwater. Located a more suitable locale for the injection wellfield and designed, installed, and tested a new replacement injection well system.

Prudential-at-Princeton, NJ - Designed a shallow large diameter well system for the recharge of return water (30 m^3/hr.) from a heat pump system used for heating and air conditioning.

Montville, NJ – Evaluation of small watershed improvements to enhance groundwater recharge of high quality water in focused aquifer systems.

EXPERT TESTIMONY

Mr. Uhl has provided technical support and expertise in over 30 legal cases involving water rights, insurance issues and groundwater contamination incidents. He has testified in court for eight of these cases and has been deposed in over twelve cases.

Waterbury, CT - Corden v. Anderson: Represented the Corden family in a matter involving a property transfer and gasoline contamination of a domestic well in Connecticut.
Attorneys: Grady & Riley, Waterbury, CT.

Newark, NJ - Township of Bloomfield v. URS/MSR Engineers, Inc.: Represented URS Inc. in a case involving production well design, capacity, and water quality issues.
Attorneys - Ross & Hirsh, Parsippany, NJ

Doylestown, PA - Carr v. Getty Oil and Magnus Construction Co.: Represented Magnus Construction Company in a case involving gasoline contamination at a service station.
Attorneys - Power, Bowen & Valimont, Doylestown, PA.

Dedham, MA - A&W Artesian v. Leo O'Hara and Marilyn O'Hara. Represented the O'Hara's in a case involving well development and well damage.
Attorney - William P. Lenahan, Mansfield, MA.

Indianapolis, IN - Represented the Northside Landfill Trustees in a case involving potential impacts from an upgradient landfill facility.
Attorneys - Barnes & Thornburg, Indianapolis, IN

Belvidere, NJ – Represented J&D Development in a case involving lot size and groundwater recharge issues.
Attorneys – Garofalo & Pryor

Conshohocken, PA – Solebury Township v. New Hope Crushed Stone and Pennsylvania Department of Environmental Protection (PADEP). Represented Solebury Township, PA in a case involving limiting a quarry pumpage to be in line with a small drainage basin's groundwater recharge characteristics.
Attorneys – Harris & Harris, Warminster, PA

Morristown, NJ – Pio Costa Enterprises v. Township of Montville. Represented Township of Montville in a case involving groundwater allocation in a small glacial basin.

Rockaway Township, NJ – Court appointed expert for the Special Master in a municipal water allocation matter.

PFAS – Multiple cases in NJ/PA – Municipal/Private well impacts at multiple sites

PUBLICATIONS

Technical Peer-Reviewed Journals

Uhl, Vincent W. and J. E. Garton. 1972. Semi-Portable Sheet Metal Flume for Automated Irrigation: **Transactions of the ASCE,** Vol. 15, No. 2, pp. 356-360.

Uhl, Vincent W., V. G. Joshi, A. Alpheus, and G. K. Sharma. 1976. The Application of Step-Drawdown Pumping Tests to Water Wells in Consolidated Rock Aquifers: **Indian Geohydrology**, Vol. II, Nos. 3 and 4.

Uhl, Vincent W. and G. K. Sharma. 1978. Results of Pumping Tests in Crystalline Rock Aquifers: **Ground Water**, Vol. 16, No. 3.

Uhl, Vincent W., K. Nagabushanam and J. O. Johansson. 1979. Hydrogeology of Crystalline Rocks: Case Studies of Two Areas in India: **Nordic Hydrology**, Vol. 10.

Uhl, Vincent W. 1979. Occurrence of Groundwater in the Satpura Hills Region of Central India: **Journal of Hydrology**, Vol. 41, pp. 123-141.

Uhl, Vincent W. 1980. Improving Yields of Open Wells in Consolidated Rocks Using Extension Drilling Techniques: **Ground Water**, Vol. 18, No. 2.

Uhl, Vincent W. and G. P, Westerhoff. 1982. Control Measures for Groundwater VOCs: **Water Engineering and Management**, July 1982.

Uhl, Vincent W., M. R. Warfel and D. I. Stillman. 1983. Tapping Ground Water for Heating and Cooling: **Consulting Engineer**, March 1983.

Uhl, Vincent W. and V. G. Joshi. 1986. Results of Pumping Tests in Deccan Trap Basalts of Central India: **Journal of Hydrology**, Vol. 86, pp. 147-168.

Ray, Chittaranjan and Vincent W. Uhl. 1993. Drinking Water and Nitrate Issues in the United States and India. **Impact Assessment**, Vol. 11.

Uhl, Vincent W., Anthony J. Rana and Jaclyn A. Baron. 1998. Groundwater Resource Evaluation, Maun, Botswana, S. Africa. **The Professional Geologist**, November 1998.

Thangarajan, M., Vincent W. Uhl et al. 2000. Simulation of Arid Multi-Layer Aquifer System - Case Study in Shashe River Valley, Okavango Delta, Botswana. **Journal Geologic Society of India**. June 2000.

Uhl, Vincent W. 2002. The Springs of Bohol Province, the Philippines. **The Professional Geologist**, December 2002.

Coppola, Emery, A. J. Rana, V. W. Uhl, et al. 2005. A Neural Network for Predicting Water-Level Elevations, **Ground Water,** March 2005.

Uhl, Vincent W. 2006. Afghanistan, an Overview of Groundwater Resources and Challenges. **Ground Water,** September 2006.

Uhl, Vincent W. 2006. The East Orange Water Reserve – 100 Years of Wellhead Protection. **New Jersey Flows (NJWRRI)**, Fall 2006, Vol. VII, Issue 3.

Kumpel, E., R. Peletz, J. Albert, D. de Waal, M. Hirn, A. Danilenko, V. Uhl, A. Daw, and R. Khush (April 2016). Urban water services in fragile states: A comparison of water quality between Port Harcourt, Nigeria and Monrovia, Liberia. **American Journal of Tropical Medicine and Hygiene**.

Conference Presentations

Uhl, Vincent W. 1984. Ground Water Investigation in Fractured Bedrock. Paper presented at **National Water Well Conference in New Hampshire**.

Uhl, Vincent W. and Kobinah Atobrah. 1987. A Global View on the Hydrogeology of Crystalline Rocks: Paper presented at **African Water Technology Conference, Nairobi, Kenya**, February 1987.

Uhl, Vincent W. 1989. Abandoned Wells: A Practical Approach for Restoring Yields: Paper presented at **Water, Engineering and Development Conference in Kano, Nigeria**.

Uhl, Vincent W. 1990. Quantifying Well Redevelopment Efforts: Paper presented at **International Groundwater Engineering Conference on Water Well Monitoring, Maintenance and Rehabilitation in Cranfield, U. K.**

Uhl, Vincent W. and D. Sousa. 1990. Case Study of a Well Redevelopment Program on a 10 MGD Well Field: Paper presented at **International Groundwater Engineering Conference on Water Well Monitoring, Maintenance and Rehabilitation in Cranfield, U.K.**

Uhl, Vincent W., M. Findlay, and A. Scillia. 1992. The East Orange Water Reserve: A Case Study of Municipal Water Supply Management and Well Head Protection Planning: Paper presented at **Third Annual Environment Virginia Symposium, Virginia Military Institute, Lexington, Virginia.**

Ray, Chittaranjan and Vincent W. Uhl. 1992. Drinking Water and Nitrate Issues in the Industrial and Developing Countries. Paper presented at conference on **Industrial and Third World Environmental Assessments, World Bank Headquarters, Washington D.C.**

Uhl, Vincent W. and Anthony J. Rana. 1993. Application of Step-Drawdown Pumping Tests in Consolidated Rock Aquifers: Paper presented at **Africa Needs Groundwater Conference, University of Witwatersrand, Johannesburg, South Africa.**

Linn, Flenner, Vincent W. Uhl and Anthony J. Rana. 1998. Groundwater Resources of the Lower Okavango Delta, Northwestern Botswana. Paper presented at **International Conference on the Role of a National Geologic Survey in Sustainable Development, Gaborone, Botswana.**

Tredoux, G., Vincent W. Uhl and Anthony J. Rana. 1998. Artificial Groundwater Recharge as a Sustainable Solution for Water Supply in Arid and Semi-Arid Regions. Paper presented at **International Conference on the Role of a National Geologic Survey in Sustainable Development, Gaborone, Botswana.**

Uhl, Vincent W., Anthony J. Rana, and Jaclyn A. Baron. 1999. Groundwater Resource Assessment for Maun at the Distal Edge of the Okavango Delta, Northern Botswana. Paper presented at the **9th Stockholm Water Symposium, Stockholm, Sweden**

Coppola, Emery, Anthony J. Rana, Vincent W. Uhl et. al. 2003. An Artificial Neural Network Approach for Predicting Depths to Water in a Glacial Aquifer System Under Variable State Pumping and Climatic Conditions. Paper presented at **AWRA 2003 International Conference on Watershed Management for Water Supply Systems.**

Uhl, Vincent W., Anthony J. Rana, and Jaclyn A. Baron. 2004. The East Orange Water Reserve – 100 Years of Wellhead Protection. Paper presented at the **AWWA New Jersey Conference, Atlantic City, New Jersey.**

Uhl, Vincent W. 2004. The Building Blocks of Urban Groundwater Management in the State of New Jersey, United States. Paper accepted for the **14th Stockholm Water Symposium, Stockholm, Sweden**

Uhl, Vincent W. 2005. Afghanistan, a Country Wide Overview of Groundwater Resources and Challenges. Paper presented at the **UN Sponsored Workshop in Cairo on Governance & Management of Groundwater Resources in Arid and Semi-Arid Countries.**

Uhl, Vincent W. and Jaclyn A. Baron. 2005. Wellhead Protection, Strategies for Drinking Water Wells. Paper presented at the **15th Stockholm Water Symposium, Stockholm, Sweden**

Uhl, Vincent W. 2006. The East Orange Water Reserve – 100 Years of Wellhead Protection. Paper presented at the **Second Passaic River Symposium.**

Uhl, Vincent W. 2010. Afghanistan Groundwater Overview. **American Water Resources Association Annual Conference, Philadelphia, Pennsylvania.**

Uhl, Vincent W. 2011. Crystalline Rock Aquifers, a Global View. **National Groundwater Association Conference in Baltimore, Maryland 2011.**

Uhl, Vincent W. and Ashish Daw, 2017. Sustainable Small-Scale Irrigation Utilizing the Irrigable Land Use Potential (ILaP) Calculator. Paper accepted for the **44th IAH Congress in Dubrovnik, Croatia**

Uhl, Vincent W. and Ashish Daw, 2022. Managing Municipal Production Wells. **AWWA Conference, March 2022, Atlantic City, New Jersey.**

Uhl, Vincent W., J. Ayamsegna, A. Daw, J. Baron and Tidjani Amadou. 2024. Bacteriological Quality of Groundwater Based Drinking Water Sources in South Central Niger. **International Association of Hydrogeologists Conference, September 2024, Davos, Switzerland.**

Uhl, Vincent W., Ashish Daw and Jaclyn Baron. 2024. Sustainable Small-Scale Irrigation Through Smart Groundwater Planning. **International Association of Hydrogeologists Conference, September 2024, Davos, Switzerland.**

Uhl, Vincent W., Ashish Daw and Jaclyn Baron. 2024. Lessons Learned from over a Half Century of Groundwater Supply for Concentrated Urban Water Utilities in North Central New Jersey. **International Association of Hydrogeologists Conference, September 2024, Davos, Switzerland.**