

SEGH: A proud history; our past Presidents

In the year in which SEGH celebrates its 50th birthday, we have been looking back at the list of Presidents who have built up the organisation, and taken it to where it currently finds itself: looking forwards to another fifty years of influencing, teaching, learning, sharing, supporting, networking, but most of all disseminating new knowledge. Our past Presidents have set a precedent which future Presidents will undoubtedly live up to.

Hopefully you will find inspiration from each of the brief biographies we have created for them. Unfortunately there are some gaps in our knowledge. If you can help to fill in those gaps please contact us so that we can rectify this.

Inevitably, sadly some of the past Presidents have died. If this is the case, we have included their year of birth and year of death. Otherwise Presidents are still living, and in many cases actively contributing to the ongoing activities.

Information on many of the people concerned has been taken from other publicly available material, such as obituaries. Where this is the case, those sources have been acknowledged.

SEGH is a broad church. This is reflected in the specialisms of the past presidents, which span a plethora of interests, thoroughly encompassing both geology, human health, and the interactions on all points between.

1972-1973 Delbert Hemphill. (1918-1995) Trace substances in Environmental Health.
No information available

1973-1974 Paul Newberne. (1920-2015) Nutritional pathology

TOXICOLOGICPATHOLOGYISSN09 12-6233 Volume 16, Number 2, 1988
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(<https://www.tandfonline.com/doi/pdf/10.1080/01635581.2015.1069124>)

Looking back at his career beginnings, the Navy recruited him as a naval aviator between 1942 and 1945, but Paul decided that a career in science could get him to higher altitudes. Thus, in 1950, the native of Adel, Georgia, graduated from Auburn University with a Doctor of Veterinary Medicine, followed by a Masters of Science in Veterinary Pathology and a Ph.D. degree in Nutritional Biochemistry and Human Pathology from Missouri University in 1958. The following years after post-doctoral training were spent as Animal Pathologist and Professor in Auburn, until he moved to MIT in 1962 for the rest of his first career.

Paul's research interests which center around the pathology and biochemistry of nutritional liver disease, nutrition and carcinogenesis, food safety and toxicology as well as food-borne diseases. In every one of these areas, Paul became a leader and advised over 150 students through the years. His activities also include consultancies to several branches of the National Institutes of Health, including the National Institute of Environmental Health Sciences, the National Cancer Institute, National Heart and Lung Institute, and the Nutrition Study Section and several National

Academy of Sciences and National Research Council subcommittees, such as the Committee to Overview the National Center for Toxicological Research.



1974-1975 Lucille Hurley (1922-1988) Zinc deficiency in maternal and perinatal health.
(<https://nutrition.ucdavis.edu/people/lucille-hurley> obituary)

Lucille S. Hurley was internationally acclaimed for her studies on the role of maternal nutrition in perinatal development. She was one of the first to recognize that the phenotypic expression of some deleterious genotypes could be prevented by appropriate dietary manipulations. With her death in 1988, the scientific community lost an eminent scholar and member; present and future students lost an exceptional educator; and the public lost one of its more articulate advocates for the need to improve the diets of pregnant women in order to optimize the outcome of their pregnancies.

Among her numerous, prestigious research awards are two Guggenheim Fellowships (1962, 1969), the Borden Award in Nutrition (1965), the IntraScience Research Foundation Medal (1978), the E. V. McCollum International Lectureship (1980), the Osborne and Mendel Award for Basic Research in the Science of Nutrition (1981), the French Academie Nationale de Medecine Medal (1985), and the Lederle Award in Human Nutrition (1985). In 1987, she received the University of California, Davis, Faculty Research Lecturer Award, the highest honor the University of California can bestow on faculty members.

Professor Hurley's research contributions were prodigious and far reaching in scope. She published over 300 papers and chapters. The area for which Lucille is probably best known is her investigation of the effects of maternal zinc deficiency on pregnancy outcome. She published the first of 175 papers on this topic in 1966. The overriding theme was the identification and characterization of the structural and biochemical lesions associated with perinatal zinc deficiency.

Professor Hurley believed that an individual's contribution to society depended not only on what one did in one's own private workspace, but also upon how, and to what extent, one interacts with other people. Throughout her career, Lucille was one of those rare individuals who carefully balanced personal achievements in research with an ability to give time and share ideas with others.



1975-76 Jacob Freedman. Iron ore storage. Franklin & Marshall College, Lancaster, PA USA.

No information available

1976-77 George Davies. Agricultural Economics. Member of staff at University of Florida Gainesville

No information available

1977-1978 Ivan Smith (1934- 2017)

He attended Horton High School and graduated from Atchison County Community High School in 1952. Following High School, he attended Emporia State University where he earned a BS in Education in 1956 and Kansas State University where he earned a Ph.D. in Chemistry in 1960. Following graduation he joined Phillips Petroleum in Bartlesville, OK, as a Research Scientist. He joined Midwest Research Institute (MRI) in 1961 where he rose from the position of Associate Chemist to Senior Advisor for Science and Technology. He conducted and managed research in such diverse fields as: rocket propellants, fuel cells and batteries, industrial coating technology, agriculture science, environment and waste management and human health. He was the author of eight books as well as numerous articles and technical publications. He served as Chairman of a National Academy of Science Committee, "Environmental Geochemistry and Health." The Committee consisted of a team of international scientists looking at relationships between the environment and human health. He served as editor of an International Journal "Science of the Total Environment" published in Amsterdam. He also served as President of the International Society of Environmental Geochemistry and Health and as Chairman of the Kansas City Section of the American Chemical Society. He accepted an assignment with the Solar Energy Research Institute (SERI) (now the National Renewal Energy Laboratory) in 1979 to head a large international solar energy program (SOLERAS), jointly funded by the United States and Saudi Arabia. He later assumed management responsibility for all SERI International programs which afforded numerous opportunities to travel to Europe and the Middle East. In

1982 he returned to MRI Operations in Kansas City to organize, structure and manage MRI Ventures, a for-profit subsidiary of MRI established to commercialize MRI developed intellectual properties. In 1985 he left MRI to serve as President and CEO of a new commercial venture, ENZYTEC. He left ENZYTEC in 1988 to establish Kansas City Tech Associates which conducted research for industry and government. He merged KC Tech Associates into a new company, Tech Industry Consultants in 1990 which also served as a contract subsidiary of the Kansas Technology Enterprise Corporation which was established to assist start-up technology companies in Kansas. In 1995 he was a founding Board member, helped structure, was then selected to manage the new Johnson County Business Incubator, now known as the Johnson County Enterprise Center. He served as CEO of that organization until his retirement in 1999.



<https://www.legacy.com/us/obituaries/kansascity/name/ivan-smith-obituary?id=4210554>

1978-1979 Ernest Angino. Member of staff Univ. Kansas, Lawrence, KS

No information available

1979-1980 Howard Hopps.

Professor Emeritus of Pathology, Howard C. Hopps, a faculty member of the University of Missouri-Columbia School of Medicine's Pathology Department (1970-1983).

No Further information Available

1980-1981 Everett Jenne. U.S. Geological Survey, Kennewick, WA. Metal Adsorption

Dr. Everett Jenne has served on the committee of the National Academy of Sciences and as president of the Society for Environmental Geochemistry and Health, and has also held adjunct appointments at the University of Washington and Stanford University. Dr. Jenne is best known for his role in establishing the major role of hydrous oxides, particularly iron, as controls on the solute concentration of transition series metals and other trace elements in soils and sediments and for his efforts in the development and application of geochemical models competent to handle speciation, adsorption, solubility, and mass transfer of major and minor trace elements, including radionuclides, in a wide range of waters. Prior to his retirement in 1995, Dr. Jenne was involved for a number of years in geochemical and acid-

rain related watershed modeling at Pacific Northwest National Laboratory. Simultaneously, he undertook a systematic review of adsorption/desorption data. During this period he also became interested of the rates of dissolution of Al and Si oxides, particularly the amorphous varieties, under both acidic and basic conditions.

(<https://www.elsevier.com/books/adsorption-of-metals-by-geomedia/jenne/978-0-12-384245-9>)

1981-1982 Walter Porries

Walter J. Porries, MD, FACS,
Professor of Surgery, Biochemistry and Kinesiology at East Carolina University (ECU),
Colonel, USA (Ret.)

Dr. Walter J. Porries, earned his BA at Wesleyan University in Middletown, CT, where he was also a member and treasurer of the Mu Epsilon Chapter of Beta Theta Pi. He received his MD with Honor at the University of Rochester where he also completed his surgical training in general and cardio-thoracic surgery. Following his appointments at the University of Rochester and Case Western Reserve, he became the founding Chairman of Surgery at ECU (1977 – 1990). He is currently the Director of the Metabolic Surgery Research Group at ECU.

Dr. Porries research interests have been in nutrition, pediatric and bariatric surgery. His research interests included the first report that zinc is not only an essential element for plants but also animals. He described the role of the element in wound healing, development and the growth of cancers. During these studies he participated in the fortification of animal feeds as well as the addition of trace elements to parenteral and alimentary formulations. This discovery, made as a second year medical student, was a part of the green revolution. The addition of two cents worth of Zn, added to a ton of feed, accelerated poultry egg laying by 45 days, finished broilers in six weeks instead of ten and increased feed efficiency in swine by 20%.

On graduation from medical school, he joined the USAF for twelve years of service, rendering primary care and obstetrics in France and serving as a part-time fellow in head and neck surgery at the University of Nancy. Following his internship, he returned to the University of Rochester to complete his surgical training and serve a year as a biochemist in the Manhattan Project. Following his residency and certification in general and cardio-thoracic surgery, he was named Chief of Surgery at Wright Patterson AFB for five years of the Vietnam War. In 1967, after 12 years as a career military officer, he returned to Rochester as Asst. Professor in an active practice of vascular as well as head and neck cancer surgery. During those two years, he founded and directed the cancer center at the University. In 1969, he moved to Cleveland Ohio to become the Vice-Chair of the Department of Surgery at the Cleveland Metropolitan General Hospital and again, founded and directed that city's cancer center. In 1977, he became the founding Chair of the Department of Surgery of East Carolina University where he maintained a busy surgical practice with a focus on pediatric, thoracic and bariatric surgery.

In 1978, he joined the Army reserves and served as the Commander of the 3274th USA Hospital. He retired from the US Army with the rank of Colonel after 24 years of service with the Legion of Merit. He also received a Presidential Citation for the performance of the regiment under his command in the first Gulf War.

In 1980, he developed the current version of the gastric bypass and was the first to document that the operation produced durable weight loss and the full remission of type 2 diabetes in 83%, even after 9.2 years with a reduction of mortality by 735. To improve the national outcomes from bariatric surgery, he founded the Surgical Review Corporation that developed the international Bariatric Surgery Centers of Excellence Program as well as developing the BOLD database that led to a reduction of the 90 day mortality in the US from about 10% to 0.3%. He was also the first to develop a postgraduate curriculum for graduate surgical education, published through four editions.

His current research interest is the molecular explanation why type 2 diabetes clears within a matter of days following bariatric surgery His group has had uninterrupted funding from the NIH for over three decades.

He served as President of the Society for Environmental Health and Geochemistry, the Association of Program Directors in Surgery, the American Society for Metabolic and Bariatric Surgery, as the 2nd Vice President of the American College of Surgeons and Vice President of the Southern Surgical Association as well as editor-in- chief and associate editor of several journals.



[\(https://asmbs.org/provider/walter-pories-md-E2D/\)](https://asmbs.org/provider/walter-pories-md-E2D/)

1982-1983 Bobby Wixon

Awaiting information

1983-1984- Albert Page, University of California

<https://www.researchgate.net/profile/Albert-Page>) Although this page is held it appears to be inaccessible. This is the only information we have been able find.

1984-1985 Carl Marienfield, University Missouri. Environmental Pollution.

No further information available

1985-1986 Iain Thornton

Iain Thornton, PhD, DSc, DIC is Emeritus Professor of Environmental Geochemistry and was until 2002 Director of the Environmental Geochemistry Research Group, Imperial College, London. He has over forty years of research experience in environmental geochemistry and geochemical mapping, the chemistry and behaviour of trace elements and metals in soils and waters, and the effects of metal exposure on plant, animal and human health. He has also undertaken research into urban geochemistry in the UK, Hong Kong and Gibraltar. He is the editor of the standard text Applied Environmental Geochemistry and has published widely, as author and co-author of over 200 papers in refereed scientific journals, on sources and pathways of metals in the environment and their impacts. He is an elected Member of the Norwegian Academy of Science and Letters. He was President of the Society for Environmental Geochemistry and Health from 1985 to 1987 and was for many years a life member of the Executive Board. He was the first recipient of the J. Julian Chisholm Jr. MD. Award for outstanding contributions in the field of geochemistry and environmental health education. In 2003 he was made an honorary member of the International Society for the



Biogeochemistry of Trace Elements.

1987-1989- Edward Ohanian

No further information available

1989-1981 Brian Davies

Research work was primarily concerned with the distribution of trace elements and heavy metals in soils, sediments and plants including the biological consequences of unusual accumulations of these elements, especially Ag, Cd, Cu, Hg, Pb, Se and Zn. Past projects included field studies, laboratory experimentation, plant growth studies and computer interpretation of data. Special emphasis has been put on baseline surveys and contamination problems in lead mining and smelting areas and pollution from paint and vehicles in urban areas. Studies of trace elements also included the possibility that human health may be adversely affected by the transfer of these elements through food chains. This was investigated by cooperation with epidemiologists working together in the same geographical areas.

Last research projects were located in the USA, Lebanon and Jamaica. In Lebanon, continuing collaboration with Dr Samira Korfali of the Lebanese American University (Beirut) on the chemistry of water and metal rich sediments in a high-carbonate river (Nahr Ibrahim) where flow conditions vary markedly over the wet and dry seasons. Extended to water quality problems in other catchments. In the USA, composition of bed sediments, chemical forms of sediment metals and dispersal of sediments downstream from pollution point sources and ultramafic rocks. In Jamaica (in collaboration with the International Centre for Environmental and Nuclear Sciences – ICENS): geological and toxicological

interpretations of the occurrences of exceptionally high levels of Cd and other heavy metals in calcareous aluminous Oxisols, the parentage of these soils and associated bauxite deposits, chemical forms of the toxic metals, rare earth and other non-compatible elements as evidence of parentage, the role of faulting in generating metal anomalies.

After retirement, collaboration on projects in Lebanon continued.

In January, 1985 I took over the editorship of *Minerals and the Environment* and renamed it *Environmental Geochemistry and Health*, then a quarterly international journal which provided a forum for publishing geochemical results of interest to workers in the animal or human health fields or for epidemiological investigations with environmental chemistry implications. This is now published by Kluwer Academic Publishers, Dordrecht, Netherlands. Resigned from editorship in 2003 and now **Editor Emeritus**.



1992-1995 Nord Gale (Died 2019). Toxicity, Bioavailability.

Dr. Nord Gale, the founding chair of the biological sciences department, passed away Friday, Feb. 1. Gale served Missouri S&T 32 years, retiring in 2000.

During his time at S&T, Gale received 18 Outstanding Teaching Awards and the Governor's Award for Excellence in Education and was named Curators' Distinguished Teaching Professor. One of Gale's final accomplishments before retiring was writing the proposal that was ultimately successful in establishing a graduate biology program.

Missouri S&T's Gale Hufham Scholarship for students in biological sciences is named after Gale and Dr. Jim Hufham, the first faculty member hired by Dr. Gale.

<https://econnection.mst.edu/2019/02/death-of-dr-nord-gale/>

1993-1995 C Richard Cothorn, USEPA Health Risk Assessment

No further information available

1995-1997 Betsy Kagey Maternal and Reproductive Health

Betsy Kagey was awarded her Ph.D. in environmental health and toxicology from the University's School of Public Health in 1995, where her dissertation won her the Paul C. Lemon Ecology Award from the Department of Biological Sciences, "for a thesis that is an

outstanding contribution to our understanding of the ecological and environmental problems, inter-relationships and challenges in the natural world.”

Kagey’s study, “Indicators of Human Reproductive Health within the Great Lakes Drainage Basin Ecosystem,” was chosen over 460 other M.S., Ph.D. and D.A. theses.

Kagey is now an adjunct professor teaching environmental health in the Department of Geography at Frostburg State University in western Maryland.

Kagey’s work has travelled beyond academia to make a lasting contribution in scientific knowledge and its efficient use by government.

Kagey made use of large amounts of data in imaginative ways, “using existing databases on reproductive health not designed to answer geologic and geographic questions. She brought in 20 years of birth records and changed codes in order to get comparable codings. She applied her data to the river basins, not just the lakes, which gave a perspective never achieved before.

Kagey received her masters in environmental epidemiology in 1974 from the University of North Carolina.. From 1976-82, Betsy Kagey was an assistant professor at Downstate Medical Center in Brooklyn.

While there, she worked as co-investigator with a biologist and a geologist on a five-year Environmental Protection Agency study on the health effects associated with strip mining of midwestern coal in Missouri.

1991-92 she started full-time study, leading to the completion of coursework and then her award-winning dissertation.

One very important thing about the School of Public Health was the ability to access existing health Department birth certificate data which spanned 20 years; that provided an historic perspective of maternal health within the Great Lakes drainage basin, a hydrogeologic area.

I believe strongly in the importance of an interdisciplinary approach in the study of the relationship between the environment and human health.”

Through a grant from the Pfizer Pharmaceutical corporation, she is studying the geographic distribution of cancer rates in the coal-mining region of western Maryland. She is also on the executive board of the Society for Environmental Geochemistry and Health.

(<https://www.albany.edu/updates/1997/10-15/otherarticles.html>) Adapted.

1998-2000 Ron Fuge

Professor Ron Fuge graduated with a BSc and followed this with an MSc and a PhD from the University of Wales. Was employed as a Senior Research Fellow at Aberystwyth and is now a part time Lecturer. His research interests are in environmental geochemistry and medical geology.



2000-2002 Jim Fricke. Minewater management .

No further information available

2002-2005 John Farmer

John Farmer is a Senior Honorary Professorial Fellow.

The appointment follows his progress from Lecturer to Professor (2004-08, Environmental Geochemistry) at Edinburgh.

A Glasgow graduate in Chemistry, his subsequent PhD thesis there was on isotopic studies of atmospheric/biospheric carbon cycling.

Postdoctoral research at Woods Hole focused on fallout radionuclide behaviour in the Great Lakes.

Returning to Glasgow, he combined forensic science duties with research on the environment and human health, notably on arsenic.

Moving to Edinburgh in 1987, he spearheaded developments in Environmental Chemistry for 17 years.

Alongside this he pursued environmental change and biogeochemical research on potentially harmful trace elements in various environmental sectors.

Professor Farmer was chairman of major international conferences on Heavy Metals in the Environment (1991) and Environmental Geochemistry (2003) in Edinburgh.

He was also President of the Society for Environmental Geochemistry and Health from 2002-05.

He has been Executive Editor of "Science of the Total Environment" since 2002.

<https://www.ed.ac.uk/news/staff/appointments-awards/2009/farmer-120609>



2005-2006 Andrew Hunt. Associate professor Arlington University

No further information available

2006-2010 Joy Carter

Professor Joy Carter is a Professor Emeritus of the University of Winchester. She is an academic with research based in Geochemistry and Health and was a former President of the international society in her field.

Professor Carter is currently a Co-Chair of the [Climate Commission for UK Higher and Further Education](#), Chair of [St Ethelburga's Centre for Reconciliation and Peace](#) and Chair of the [National Governing Body \(NGB\) of Squash](#).

Professor Carter was formally the Chair of GuildHE, and for many years served on the Universities UK Board. She has also chaired the [Cathedrals Group of Universities](#) and the [Church of England's Advisory Group for the Foundation for Educational Leadership](#). As an ambassador for higher level skills and vocational learning, Professor Carter chaired the [University Vocational Awards Council](#) (UVAC). She is currently the Vice-Chair of the [Universities and Colleges Admissions Service](#) (UCAS) and a former board member of the [Quality Assurance Agency](#) (QAA).

Professor Carter is Patron of 7 charities and is a Deputy Lieutenant for the county of Hampshire. Passionate about all aspects of sustainability and social justice, she has particular interests in climate change, widening participation and animal welfare.

Professor Carter was [awarded a CBE in the New Year Honours](#) in 2018 for services to Higher Education.



<https://www.winchester.ac.uk/about-us/leadership-and-governance/staff-directory/staff-profiles/carter-cbe-dl.php>)

2011-2013 Xiangdong Li

Professor Xiang-dong Li is the Director of Research Institute of Sustainable Urban Development, Chair Professor of Environmental Science and Technology at Department of Civil & Environmental Engineering, Associate Dean (Research) of Faculty of Construction and Environment, The Hong Kong Polytechnic University. He obtained his BSc in Earth Sciences and his MSc in Geochemistry from Nanjing University, and his PhD in Environmental Technology from Imperial College London.

Prof. Li's major research interests include regional pollution, urban environmental studies, and remediation of contaminated soils. He has published more than 200 papers in leading international journals, and is one of the highly cited researchers in Environment/Ecology of the Web of Science database. He was awarded the Outstanding Young Researcher (Oversea) Fund from the Natural Science Foundation of China (NSFC) in 2007.

Professor Li is the past president (2011-2013) of the International Society of Environmental Geochemistry and Health (SEGH). He is currently an Associate Editor for *Environmental Science and Technology* (ES&T). Prof. Li is also an associate editor and editorial board member for several other international journals in related research fields.



2014-1015 Andrew Hursthouse

Andrew Hursthouse serves as a Professor of environmental geochemistry in the School of Computing, Engineering & Physical Sciences at the University of the West of Scotland, Scotland (UWS). His research interests include the environmental geochemistry of metallic elements and persistent organic pollutants; analytical/environmental chemistry; environmental pollution, resources, and implications for human health; environmental protection and legislation, impact of industrial processes.

- Chair local organising committees, SEGH2005, April 2005, Paisley; SEGH2009, Dublin (with ISEE), June 2009,
- Chair European Section of SEGH, 2008-2011.
- President of SEGH 2013-15.

<https://research-portal.uws.ac.uk/en/persons/andrew-hursthouse>



2016-2017 Chaosheng Zhang

Professor Chaosheng Zhang is Director of International Network for Environment and Health (INEH) at University of Galway, and serves as a member of Academic Council Standing Committee of the University. He teaches Geographic Information System (GIS) courses at the University. He is the founding and former head of Ryan Institute GIS Centre. Prof. Zhang's academic background covers both GIS and environmental geochemistry. His research focuses on spatial analyses of environmental variables, especially metals and nutrients in soils, using GIS, geostatistics and other spatial statistical techniques, to identify hotspots and quantify spatial variation, providing scientific bases for improved environmental management, mineral exploration, precision agriculture and human health. Prof. Zhang has published more than 200 papers in peer-reviewed journals.

Prof. Zhang has research experience in China, Sweden, USA, Australia, Jamaica and Ireland. He was a University Fellow of Hong Kong Baptist University in 2013. Prof. Zhang is chair and organizer of several internationally leading conferences in environment, health and GIS: SEGH 2010 International Conference and Workshops on Environmental Quality and Human Health; SESEH 2012 Sino-European Symposium on Environment and Health; ISEH 2016 & Geoinformatics 2016, Joint International Conference on Environment, Health, GIS and Agriculture. Prof. Zhang received National Conference Ambassador Award from Failte Ireland in 2018, the title of "10 Leading Chinese Talents on Science and Technology in Europe 2018" from Federation of Chinese Professional Association in Europe in 2018; Galway City Mayor's Award in "Arts, Culture, Heritage & Cúrsaí Gaeilge" in 2021, and "Distinguished Service Award" from International Medical Geology Association in 2021.



2018-2021 Michael Watts

Michael Watts is Head of Inorganic Geochemistry at the British Geological Survey and is an Associate Professor with the University of Nottingham through the joint Centre for Environmental Geochemistry. His research interests on geochemistry and 'health' interactions employs analytical chemistry for research on pollution pathways via 'natural' or anthropogenic geochemical sources and mineral nutrient dynamics in soil-crop-human/animal systems. Increasingly the research is multidisciplinary with greater emphasis towards challenges and partnerships in developing countries.



2021- Akinade Shadrach Olatunji

Dr. Akinade Shadrach OLATUNJI obtained a Bachelor of Science (*Hons*) from the University of Ilorin in Geology and Mineral Science in 1995, Master of Science in Mineral Exploration (*Geochemistry Option*) in 2000 and Doctor of Philosophy in Applied Geochemistry from the University of Ibadan in 2006. My research focuses on geochemical mapping of the distribution of elemental constituents of environmental and geologic media such as rocks, soils, sediments, road dusts, particulate matter and vegetation in Nigerian cities and urban centres. This has led to the generation of baseline geochemical maps for these several urban centres in Nigeria. The generated maps have become a veritable tool for planning and development of mitigation procedures where contaminations and pollutions have been identified. In addition, an assessment of the suitability of the urban soils and sediments for urban agricultural and gardening is ongoing. Dr. Olatunji is a fellow of the Nigerian Association of Hydrogeologists (NAH), where he is serving as the 2nd Vice President, a fellow of the Nigerian Mining and Geosciences Society (NMGS), where he is a member of Council and the Society's current General Secretary. He is a registered Geoscientist by the Council of Mining Engineers and Geoscientists. He is currently the General Assembly Chair of the International Medical Geologists Association, Nigeria (IMGA-Nigeria) and a Counselor in the Executive Committee of the International Medical Geology Association.

