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Speakers Vitae

Dr. Robert Font

Dr. Font is a Certified Professional and Petroleum Geologist and a Licensed Geologist in multiple states. He also holds the title of “European Geologist” as awarded by the EFG and the title of “Chartered Geologist” in the UK.

Font is the is Owner and President of Geoscience Data Management, Inc.

He earned a Bachelor of Science Degree and a Master of Science Degree in geology from Baylor University and a Ph.D., specializing in engineering geology, from Texas A&M University.

Font has over 35 years of professional experience in both academia and industry.

He is a Past National President of the AIPG, Past President of the Texas Section of AIPG and Past President of the Dallas Geological Society.

Dr. Font is the author of multiple publications and courses and the author of the “Test your Knowledge” column in AIPG’s TPG magazine.

Font is an active member of the AAPG and a Fellow of the GSA and the Geological Society of London. He is the recipient of various awards including:

- a) Conoco’s “Professor of the Year in Geophysics.”
- b) The 2008 recipient of the AIPG’s Martin Van Couvering Memorial Award.

Dr. Detlev Doherr

Dr. Doherr holds title of “European Geologist” as awarded by the EFG.

He is currently Dean and Professor of Informatics, Environmental Computing and GIS at the University of Offenburg in Germany. He also heads the Computer Center, the Department for Continuing Academic Education and the Steinbeis Transfer Center of Information Technologies at the University of Offenburg.

Dr. Doherr earned his Doctorate and undergraduate degrees from the University of Göttingen in Germany.

He has a distinguished 25-year career in the geosciences, GIS and administration of data management systems.

Dr. Doherr is a former official delegate representing Germany at the Council of the European Federation of Geologists and former President of the German Organization for Professional Geologists.

He is also the author of various publications.

Mr. William J. Siok

Mr. Siok is an AIPG-Certified Professional Geologist. He also holds the title of “European Geologist” as awarded by the EFG.

Mr. Siok is the Executive Director of the AIPG. He was recently appointed by the Secretary of Interior to serve on the National Cooperative Geologic Mapping Program Federal Advisory Committee, as a representative of the private sector.

He earned his Bachelor of Science Degree in geology from Rensselaer Polytechnic Institute in Troy, New York and his Master of Science Degree in geology and hydrogeology from the South Dakota School of Mines and Technology in Rapid City, South Dakota.

Mr. Siok has a distinguished career in the geosciences and four decades of experience in business management. His experience includes:

Teaching earth science at the secondary level.

State government research and regulatory work.

Hydrogeology consulting for industrial clients.

Mr. Siok serves as an AIPG liaison to the CCPG and the EFG to promote international comity and mobility of credentials. He is especially dedicated to the promotion of stronger K-12 science education and to the education of state and national lawmakers regarding the significance of science in public policy.

Dr. Christopher M. Keane

Dr. Keane is the Director of Communications and Technology of the American Geological Institute (AGI).

He is responsible for the ongoing survey and analysis of the AGI’s Geoscience Workforce Program and acts as liaison with geoscience departments and AGI’s industry partners.

He also represents the AGI to the Commission on Professionals in Science and Technology and is a Commissioner on the US Commission to UNESCO where he chairs its Young Professional Program Committee.

Dr. Keane earned his PhD from the University of Maryland's Marine, Estuarine and Environmental Science Program. His background is in geology with a concentration on quantitative terrain-analysis methods.

His career highlights include:

Working for the Industrial Minerals Branch of the US Bureau of Mines, providing mineral commodity economic analysis.

Spearheading AGI's component of the Sloan Career Cornerstone Project that promotes student understanding of geoscience work, including a focus on minority and women's issues.

Being the Editor of the magazine "Earth", previously known as "Geotimes" and the Editor of the annual Directory of Geoscience Departments published by the AGI.

Having acted as AGI's Executive Producer on the Discovery Communications television series "Faces of Earth".

Mr. Gareth L. Jones

Mr. Jones is a Professional Geologist in Ireland who also holds the title of European Geologist as awarded by the EFG. He is a Past President of the Institute of Geologists in Ireland and of the European Federation of Geologists (EFG).

Mr. Jones is a practicing professional geologist in Ireland. He is also the Secretary General of the Geothermal Association in Ireland and Convener of the EFG's Expert Panel on Geothermal Energy.

He holds a Bachelor of Science Degree (with honors) from Queens University in Belfast, Ireland, and a Master of Science Degree from Trinity College, Dublin, Ireland.

Mr. Jones has a distinguished 30-year career as a professional geologist working in biostratigraphy, mineral exploration, caves and karst, industrial minerals and geothermal energy.

He is the author of multiple publications and has been a recognized leader on professional geology affairs for the past 20 years.

Mr. David Abbott, Jr.

Mr. Abbott is a Certified Professional and Petroleum Geologist. He holds the title of "European Geologist" as recognized by the EFG and the title of "Chartered Geologist" in the UK. He is also a Fellow of the Australasian Institute of Mining and Metallurgy, a

Fellow of the Society of Economic Geologists and a Fellow of the GSA. In addition, he is a Licensed Geologist in multiple states.

Mr. Abbott is a consultant and economic geologist specializing in the due-diligence review of reserve and resource estimates and related topics.

He holds a Bachelor Degree in Earth Science from Dartmouth College and a Master Degree in Geology from the Colorado School of Mines.

His career highlights include:

A distinguished 21-year career as a geologist the U.S. Securities and Exchange Commission (SEC).

Being the author of the “Professional Ethics and Practices” column in the AIPG’s TPG publication.

Mr. Abbott is active in the AIPG, AAPG, RMAG, and other organization and is also the author of multiple publications and seminars on the topic of professional ethics.

Dr. Thomas Ewing

Dr. Ewing is a Licensed Professional Geologist and an AAPG-Certified Petroleum Geologist.

He currently operates as the Owner of Frontera Exploration Consultants, Inc. He is also a Staff consultant and Senior Explorationist with Venus Oil and its successors.

Dr. Ewing earned his Bachelor Degree in geology from Colorado College, his Master Degree in geochemistry from the New Mexico Institute of Mining and Technology and his Ph.D. in geological sciences from the University of British Columbia, Canada.

Dr. Ewing has a distinguished 25-year career in the geosciences.

1. He worked as a research geologist for the Texas Bureau of Economic Geology.
2. He is a Past President of the:

Division of Professional Affairs of the AAPG

Energy Minerals Division of the AAPG

South Texas Geological Society

3. He is also a former Vice-Chairman of the AAPG House of Delegates, the author of multiple publications and recipient of various awards including AAPG’s:

Gulf Coast Section Levorsen Award

Distinguished Service Award

Mr. Robert E. Tepel

Mr. Tepel has a distinguished career as an Engineering Geologist.

Currently, he is a member of the California State Mining and Geological Board, appointed to the post by the current and former governors of the State of California.

Mr. Tepel earned his geology degree at the California State University, Los Angeles.

His career highlights include:

Being the author of the textbook “Professional Licensure for Geologists, an Exploration of Issues”.

Being the Past President of the Association of Environmental and Engineering Geologists (AEG) and of the AEG Foundation.

Mr. Oliver Bonham

Mr. Bonham is a Registered Professional Geoscientist in Ontario, British Columbia, Canada, as well as in Ireland. He also holds the “European Geologist” title as awarded by the EFG.

Currently, he is the Chief Executive Officer of the Canadian Council of Professional Geoscientists (CCPG).

Mr. Bonham earned a geology degree from Trinity College Dublin in Ireland. He also holds a Master Degree in economic geology from Dalhousie University in Halifax, Nova Scotia, Canada.

He is a former Executive Director and Registrar of the Association of Professional Geoscientists of Ontario.

He has a distinguished 25-year career as a professional geoscientist in mining and mineral exploration and is a former Manager of Exploration working in three continents, having worked in 5 provinces in Canada, as well as in the UK, Chile and Ireland.

Mr. Rick Ericksen

Mr. Ericksen is a Registered Professional Geologist in the states of Mississippi and Texas. He is also an AAPG-Certified Petroleum Geologist.

Mr. Ericksen is currently the Executive Director of the Mississippi Board of Registered Professional Geologists and he is also the President of the Division of Professional Affairs of the AAPG.

He holds a Bachelor Degree and a Master Degree in geology from Northern Illinois University in DeKalb, Illinois.

Mr. Ericksen developed ample experience in oil and gas exploration with Chevron and other companies and as a geosciences consultant.

He is the author of multiple publications and a co-developer of a patented NORM remediation process undergoing a pilot test in Mississippi.

Mr. Ericksen serves on the:

Mississippi Mineral Research Institute's Advisory Board

Mississippi Water Resources Advisory Council

Mississippi Remote Sensing and GIS Coordinating Council

Mississippi Waste Water Advisory committee

Mr. Manuel Regueiro y Gonzalez-Barros

Mr. Regueiro is a European Geologist and current President of the European Federation of Geologists (EFG)

He is the Chief of External Affairs of the Spanish Geological Survey and an Associate Professor of the Department of Crystallography and Mineralogy of the Faculty of Geology of the Complutense University of Madrid, Spain.

Mr. Regueiro earned a Bachelor of Science Degree in geology at the Complutense University of Madrid in Spain.

Mr. Regueiro has a distinguished geological career, having worked as a specialist on industrial minerals and rocks, in the cement and oil industries and in the areas of mining and geological engineering.

He is the author of multiple papers and books covering a wide range of geoscience topics, including mineral resources, geologic hazards and geological heritage.

Mr. Regueiro has been Principal Investigator, Director and participant in a large number of research projects for the IGME.

He is a two-time President of the EFG.

Ms. Maria Isabel Gomez Garcia

Ms. Gomez Garcia represents the ICOG and Spain. She currently works for the Spanish Railway Infrastructure Administration (ADIF). She has her geology degree from the Complutense University of Madrid and an MBA from the Instituto de Empresas in Madrid. She has been engaged as a Faculty Member at the University and has served the ICOG as Vice Secretary. Her fields of expertise include geology and business administration, specifically paleontology, corporate administration and human resources.

Ms. Laurie Scheuing (Ms. Mary Anne Holmes, co-author)

Ms. Scheuing is an AIPG-Certified Professional Geologist and a Licensed Geologist in Pennsylvania.

She is a Senior Managing Scientist with Quantitative Environmental Analysis, LLC in Glen Falls, New York.

Ms. Scheuing specializes in hydrological investigations and remedial projects and is currently involved in the Hudson River PCB project.

She previously worked for Geo Trans, Inc., Dames & Moore and Eckenfelder, Inc.

She serves as a member at large on the AGI Executive Committee and is on the board of directors of the NE Chapter of the AIPG and the NYS Council for Professional Geologists. She has also served as President of the Association of Women Geoscientists and of the Hudson-Mohawk Professional Geologists' Association.

Ms. Holmes is a clay sedimentologist and Associate Professor of Practice in the Geosciences Department at the University of Nebraska at Lincoln. She serves on the Advisory Board for the Women and Gender Studies Program at the University of Nebraska and on the Chancellor's Commission on the Status of Women. She is a Past President of the Association of Women Geoscientists and has published on and conducted workshops for geoscientists on strategies to overcome barriers to women's advancement in the Geosciences, funded by NSF grants. She is the recipient of AWG's Enhancement and President's Awards and has been named a Fellow of the AWG in 2008.

Mr. Derek Doyle

Mr. Doyle is a Professional Engineer and an MBA operating in Canada.

He is currently the Executive Director and Registrar of the Association of Professional Engineers and Geoscientists of British Columbia.

Mr. Doyle is a graduate of the University College at Dublin, Ireland and a graduate of the University of Manitoba in Canada.

He has broad experience in industry, consulting and government.

He is also a former Commissioner of the Oil & Gas Commission of the British Columbia.

Mr. Doyle has been instrumental in bringing conflict resolution to the environmental assessment field. He has an extensive public policy development experience and has led provincial negotiations with many First Nations delivering ratified agreements in record time.

Mr. Doyle is a champion on ethics and contends that “we must always place our duty before relationships”.

Dr. Wilson (Woody) Herrod

Dr. Herrod is a Registered Professional Geologist.

He currently heads his own consulting business, Herrod Geoscience Consulting, LLC., and is also the current President of the National Association of State Boards of Geology (ASBOG).

Dr. Herrod earned his Bachelor Degree in geology from Florida State University and his Doctorate in petroleum geology from the Colorado School of Mines.

Dr. Herrod had a distinguished 21-year career with Marathon Oil Co. Having served in the U. S. Army, he is active in the Wyoming Geological Association; the Rocky Mountain Association of Geologists, the AAPG, and the Wyoming Board of Professional Geologists where he has served for 7 years.

Ms. Joan Underwood

Ms. Underwood is an AIPG-Certified Professional Geologist and a Licensed Geologist, working for Earth Tech Corporation and based in Plymouth Wisconsin.

As listed in the AIPG Member Directory, her range of expertise includes hydrogeology, waste disposal and geophysics.

Ms. Underwood is a Past President of the National Association of State Boards of Geology (ASBOG) and she is listed as part of ASBOG’s Honor Roll.

Dr. Richard Spruill

Dr. Spruill is the three-term Chairman of the North Carolina Board for Licensing of Geologists and an Executive Board Member for the National Association of State Boards of Geology (ASBOG), where he is also the Chairman of the Examination Committee.

Dr. Spruill earned his PhD at the University of North Carolina at Chapel Hill.

He is currently an Associate Professor of Geology and Hydrogeology at East Carolina University.

Dr. John Williams

Dr. Williams is a Professor in the Department of Geology at San Jose State University. He is also the President of the ASBOG Foundation.

He holds a Bachelor Degree in Geology from the College of William and Mary and a Master Degree and Ph.D. in geology from Stanford University.

Dr. Williams has a distinguished 30-year career as a faculty member at San Jose State University, having served for 25 years as Department Chair.

He also worked for 6 years for the California Division of Mines and Geology.

Dr. Williams is a Past President of the Association of Environmental and Engineering Geologists (AEG), Past President of the National Association of State Boards of Geology (ASBOG) and Past President of the AEG Foundation.

Dr. Christopher C. Mathewson

Dr. Mathewson is a Registered Professional Geologist and a Licensed Professional Engineer.

Dr. Mathewson is a Regents Professor at Texas A&M University specializing in Engineering Geology. He also serves in the Council of Examiners of the National Association of States Boards of Geology.

He holds a Bachelor Degree in Civil Engineering from the Case Institute of Technology in Cleveland, Ohio, as well as a Master Degree and a Ph.D. in Geological Engineering from the University of Arizona.

Dr. Mathewson served as a “Commissioned Officer” with the National Ocean Survey.

He is a past President of the American Geological Institute and of the Association of Engineering Geologists

He is the author of multiple papers and of an Engineering Geology textbook.

He is also the recipient of many awards, including:

The “Faculty Distinguished Achievement Award” from Texas A&M University.

The “Claire P. Holdredge” and “Floyd T. Johnson Awards from the AEG.

The “Meritorious Service Award” from the GSA.

Mr. Shane McDonald

Mr. McDonald is and AIGG-certified Professional Geologist.

He is a hydrogeologist with Malcom Pirnie living in King of Prussia, Pennsylvania. He is also a Hydrogeology Knowledge Team Leader and a Contaminant Hydrogeology Quality Consultant with the firm.

Mr. McDonald has more than 22 years of professional experience.

He is a former Editor of AIPG's NE-Section Newsletter.

His talk today is based on course work in "Problem Solving" that he has been engaged in at Penn State University, where he is currently working toward a Master Degree in Systems Engineering.

Dr. Madhurendu B. (MB) Kumar

Dr. Kumar is a Certified Professional and Petroleum Geologist and a Licensed Professional Geologist in multiple states.

Currently, he is the Director (Administrator and Chief Geologist) of the Geological Oil and Gas Division, Office of Conservation at the Louisiana State Department of Natural Resources.

He earned his PhD in Geology, from the Louisiana State University.

He is a Fellow of the GSA and former National Vice President of the AIPG.

Dr. Kumar has served the State of Louisiana in a distinguished career for more than 26 years.

He has played a vital role in the regulation, conservation and development of the petroleum resources of the State of Louisiana.

His experience spans a full spectrum including research, exploration and development, as well as teaching.

He is the author of multiple publications and the recipient of various awards including:

The Sir Henry Medal from the Mining, Geological and Metallurgical Institute of India.

AIPG's Martin Van Couvering Award.

AIPG's Ben

H Parker Memorial Medal.

Mr. Douglas Kenaley

Mr. Kenaley is an experienced professional geologist who is currently a Senior Technical Consultant to the Exxon-Mobil Upstream Companies.

He has also recently served as Exxon-Mobil's:

Geoscience Technical Coordinator of the Production Department's Special Studies Group.

Geological Advisor with the Exploration Company.

Advisor in the Unconventional Resource New Business Development Exploration Group.

Mr. Kenaley holds a Bachelor of Science Degree in Geology from the University of Akron Ohio and a Master of Science Degree in Geology from the University of North Dakota.

In addition to a distinguished 26-year career in oil and gas, Mr. Kenaley has experience in uranium and gold exploration.

He is part of the Exxon-Mobil Science Ambassador Project which donates funds and scientist's time to the Houston area public schools systems.

He is also an active member of the AAPG, GSA, West Texas Geological Society and the Houston Geological Society.

His talk today pertains to a fascinating subject that has critical implications relative to our global energy needs.

Mr. Larry D. Woodfork

Mr. Woodfork is a Certified and Licensed Professional and Petroleum Geologist.

He currently operates as an Independent Consultant and is Chairman of the Board of the "International Year of Planet Earth". He is also an Adjunct Professor of Geology at Marshall University.

Mr. Woodfork holds a Bachelor and a Master degree in Geology from Indiana University at Bloomington. In addition, he did post graduate work at West Virginia University.

In terms of career highlights, Mr. Woodfork has over 40 years of experience in industry, government and academia.

He retired after a 34-year distinguished career with the West Virginia Geological and Economic Survey where he served as Director and State Geologist, as well as Adjunct Professor at West Virginia University.

Mr. Luis Eugenio Suarez Ordoñez

Mr. Suarez is a Spanish Professional Geologist and Attorney at Law.

He is the Director of Quality, Environmental and Information Systems of the Executive Management of Infrastructure Maintenance of the Spanish Railway Infrastructure Administration (ADIF). He is also an Associate Professor of the Complutense University of Madrid, lecturing on geological legislation and standards.

Mr. Suarez holds a Bachelor Degree in geology from the University of Oviedo in Spain. He earned his Law Degree as awarded by the Spanish University for Distance Learning. He is a Diplomate and Master in geological engineering from the Complutense University of Madrid, Spain.

Mr. Suarez is also the President of the Official Spanish Association of Geologists, or “Ilustre Colegio Oficial de Geólogos de España” (ICOG).

He is also Vice-President and Secretary of external relations of the Association of the Master of Geological Engineering and President of the Training Commission of the Professional Union in Spain.

Mr. David Norbury (Author); Ms. Ruth Allington (Speaker)

Mr. Norbury is a Professional Engineering Geologist practicing in the UK.

He has over 30 years of professional experience in the investigation, interpretation and assessment of the ground for construction of geological, geotechnical, groundwater and remediation projects.

His experience is global in nature and has worked on projects involving major power stations, tunnels, motorways and sites of mass movement.

He specializes in developing proper models of the ground and in communicating these to the design and construction industries and translating them into working practices.

Mr. Norbury has served as Secretary General of the European Federation of Geologists.

He is a mentor, a teacher and an expert witness who lectures on the implementation of Eurocode 7 and on soil and rock description.

Mr. Norbury’s paper will be presented by Ms. Ruth Allington.

Ms. Ruth Allington

Ms. Allington is a Consultant Engineering Geologist with GWP Consultants based in Charlbury, Oxon, in the UK.

She holds a Bachelor of Science Degree, a Master of Science Degree and a Master of Business Administration Degree, as well as the titles of Chartered Engineer and Chartered Geologist. She is a Fellow of the Geological Society, the Association of Consulting Engineers and the Institute of Materials, Minerals and Mining.

Ms. Allington has a range of expertise, including experience in the design of mines and quarries, the cement industry and gypsum recovery, the opencast coal mining industry, ground stability and hydro-geological issues. She has acted as an Expert Witness on many occasions.

Ms. Dawn Garcia

Ms. Garcia is a Certified and Registered Professional Geologist.

She is currently a Senior Hydrogeologist at SRK Consulting in Tucson, Arizona, specializing in environmental compliance services for the mining industry. She was also appointed by the Governor of the State of Arizona to serve on the Arizona Board of Technical Registration.

Ms. Garcia holds a Bachelor and Master Degrees in Geology from Bradley University in Illinois and from the California State University at Long Beach.

Ms. Garcia has a distinguished 20-year career in the geosciences.

She has served as officer and committee member for various organizations including the AIPG, ASBOG, the Arizona Geological Society and the Arizona Hydrological Society.

She is also a regular guest lecturer and Canyon Ranch.

Dr. Bruce Broster

Dr. Broster is the current President of the Canadian Council of Professional Geoscientists (CCPG)

He is a Professor and Chair at the Department of Geology at the University of New Brunswick in Canada. He is also an Associate Editor for the journals “Environmental and Engineering Science” and “Geoscience Canada”. In addition, Dr. Broster is the Geoscience Member of the Province of New Brunswick Scientific Advisory Committee on Protected Natural Areas.

Dr. Broster has a distinguished professional career.

He teaches engineering geology and applied glacial geology at the University of New Brunswick.

He specializes in the application of geoscience to exploration, engineering and environmental topics, and targeting terrain evaluation.

His current research emphasizes the occurrences of brackish water in shallow wells and the landward migration of saltwater along rivers in the coastal areas of New Brunswick.

Ms. Ashley Coles

Ms. Coles is currently a PhD student in the Department of Geology and Regional Development at the University of Arizona. She is also a Research Associate for the UDALL Center for Studies in Public Policy.

Dr. Aydin Aras

Dr. Aras works in the Mineralogy Lab for the General Directorate of Mineral Research and Exploration (MTA) in Turkey. He obtained his Master of Science Degree from the Middle East Technical University (METU) where he worked on the “Ankara Clay” and earned his PhD from the Katholieke University of Leuven in Leuven-Belgium where he investigated the German “Westerwald Clays”.

His experience includes geological mapping and using physical methods in determinative mineralogy covering optical, spectral and X-Ray techniques. He has worked on mullite ceramics and has researched the industrial applications of kaolinite.