



2018 DOE Project Management Workshop “Managing Uncertainty”

SPEAKER BIOGRAPHIES

**Anirban Basu**

Chairman & Chief Executive Officer
Sage Policy Group, Inc.

Anirban Basu is Chairman & CEO of Sage Policy Group, Inc., an economic and policy consulting firm headquartered in Baltimore, Maryland with offices in Pennsylvania and Cambodia. The firm provides strategic analytical services to energy suppliers, law firms, medical systems, government agencies, and real estate developers among others.

In 2014, Maryland Governor Larry Hogan appointed him Chair of the Maryland Economic Development Commission. He also serves as chairman of the Baltimore County Economic Advisory Committee. He is also the Chief Economist to Associated Builders and Contractors and Chief Economic Advisor to the Construction Financial Management Association. He serves similar functions for Visit Baltimore, the Maryland Association of Realtors, and Marcum, LLC.

He lectures at Johns Hopkins University in Global Strategy and has also taught international economics, urban economics, micro- and macroeconomics at Hopkins. His radio show can be heard weekdays on 88.1FM, WYPR, Baltimore.

**Lisa Cazalet**

EVM Program Manager

**Dale Christenson**

Federal Project Director
Uranium Processing Facility Project Office

Dale Christenson is the Federal Project Director for the Uranium Processing Facility (UPF) Project at the Y-12 National Security Complex in Oak Ridge, TN. He previously served as the UPF Deputy Federal Project Director. He has over 15 years' experience in the nuclear operations field and over 20 years in Department of Energy (DOE) project management. Prior to joining UPF, he was the Federal Project Director on multiple capital line item projects at Y-12 including the Highly Enriched Uranium Materials Facility Project (HEUMF), the Security Improvements Project and the Beryllium Capabilities Project. The HEUMF Project was completed over 2 months ahead of schedule and \$25 million under budget. For his leadership on the project he was awarded the NNSA Award of Excellence by the NNSA Administrator.

Mr. Christenson served on active duty as an officer in the U.S. Navy for 8 years in the Naval Nuclear Reactor program as a qualified submarine officer, and 22 years as a Navy Reserve Engineering Duty Officer. He retired as a Captain in the U.S. Navy in 2013 following 30 years of commissioned service.

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Mr. Christenson received a Bachelor of Science Degree in Civil Engineering from the University of Washington and a Master of Science Degree in Civil Engineering and Construction Management from the University of Maryland.



Paul M. Dabbar
Under Secretary for Science
U.S. Department of Energy

The Honorable Paul M. Dabbar, Under Secretary for Science, serves as the Department's principal advisor on fundamental energy research, energy technologies, and science, driving this mission through programs including nuclear and high energy particle physics, basic energy, advanced computing, fusion, and biological and environmental research, and direct management over a majority of the Department's national labs and their world-leading user facilities. In addition, Mr. Dabbar manages the environmental and legacy management missions of the Department, addressing the U.S. legacy of nuclear weapons production and government-sponsored nuclear energy research.

Prior to confirmation as Under Secretary for Science, Mr. Dabbar worked in operations, finance, and strategy roles in the energy sector. As a Managing Director at J.P. Morgan, leading various energy business areas, he has over \$400 billion in investment experience across all energy sectors including solar, wind, geothermal, distributed-generation, utility, LNG, pipeline, oil & gas, trading, and energy technologies, and has also led the majority of all nuclear transactions. In addition, he had a senior leadership role for the company's commodity trading business, including power, oil and gas.

Before joining J.P. Morgan, Mr. Dabbar served as a nuclear submarine officer in Mare Island, California, and Pearl Harbor, Hawaii, including deploying to the North Pole where he conducted environmental research. He also served on the Department of Energy Environmental Management Advisory Board. He has been a lecturer at the U.S. Naval Academy Economics Department, and conducted research at the Johns Hopkins Applied Physics Laboratory.

Mr. Dabbar received a B.S. degree from the U.S. Naval Academy, and an M.B.A. degree from Columbia University. Mr. Dabbar and his wife, Andrea, are the parents of two children.



Norbert S. Doyle, MS, MBA
Associate Deputy Assistant Secretary, Acquisition and Project Management
U.S. Department of Energy

Norbert S. Doyle is the Associate Deputy Assistant Secretary, Acquisition and Project Management, for the Office of Environmental Management, Department of Energy, located in Washington, D.C. The Office of Environmental Management awards almost \$7 billion of contracts annually in support of the world's largest cleanup program. "Norb" assumed this role in January, 2018. He also serves as the Head of the Contracting Activity for the Office of Environmental Management where he is responsible for the oversight of the contract award and administration processes for all Environmental Management contracts. He joined the Department of Energy in 2015. Norb retired from the U. S Army as a Colonel in 2008. He is a graduate of the U.S. Military Academy, University of Florida, and the Industrial College of the Armed Forces.

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G. Edward Gibson, PhD, PE, NAC, F.ASCE
Professor, Arizona State University

Dr. Edward Gibson is currently the Director of the School of Sustainable Engineering and the Built Environment (SSEBE) at Arizona State University where he oversees several educational programs encompassing over 60 faculty and 75 staff members, 1700 students, research expenditures of over \$16.5 million per annum, \$19 million in endowments, and a yearly operational budget of over \$10 million. He recently led development and significant fundraising for a new 130k gsf building on campus that houses his School. In addition to ASU, he has served on the faculty of North Carolina State, University of Texas at Austin and University of Alabama, Tuscaloosa. His educational background includes a B.S. and Ph.D. in Civil Engineering from Auburn University and an M.B.A. from the University of Dallas.

Dr. Gibson has been PI or co-PI on almost \$9.5 million worth of funded research in his career with research and teaching interests that include front end planning, organizational change, asset management, alternative dispute resolution, prevention through design, and risk management among others; he has received many awards for excellence in research and teaching. He is the developer of the CII Project Definition Rating Index and FEED MATRS tools, has consulted with over 60 organizations, and taught over 200 short courses to industry. He has been active on many national committees, among them several National Research Council committees, Department of Energy Committees, the Architectural Engineering Institute, and also served as a Fulbright Senior Specialist in Norway in Fall 2004. Dr. Gibson has several years of industry experience, served as an Army officer, and is a licensed professional engineer in Texas. He is an elected member of the National Academy of Construction and a Fellow in the American Society of Civil Engineers. He was awarded the 2016 ASCE R. L. Peurifoy Award for outstanding research.



Edward J. Jaselskis, Ph.D, P.E.
Distinguished Professor, N.C. State

Dr. Edward Jaselskis is the E. I. Clancy Distinguished Professor in the Department of Civil, Construction, and Environmental Engineering at North Carolina State University. He was educated at the University of Illinois, receiving a BS in general engineering, an SM in civil engineering (emphasis in construction engineering and project management) from MIT, and a PhD in civil engineering (emphasis in construction engineering and project management) from the University of Texas-Austin. He has worked for Exxon as a cost and schedule engineer and field engineer in Colombia, South America. He has also worked as an electrical designer for Perkins and Will and civil field engineer for Bechtel. He was faculty member at Iowa State University in Construction Engineering for about 22 years. Recently, he served on three project reviews for the Department of Energy. Dr. Jaselskis is a registered professional engineer in the State of Iowa and has memberships in several organizations (American Society of Civil Engineering, Construction Institute, Transportation Research Board, American Society for Engineering Education, Sigma Xi, and National Society of Professional Engineers). He is also a member of the National Academy of Construction.

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Marianne M. Jennings

Emeritus Professor of Legal and Ethical Studies
W.P. Carey School of Business, Arizona State University

Marianne M. Jennings, Emeritus Professor of Legal and Ethical Studies, has taught at the WP Carey School of Business, Arizona State University from 1977 through the present. She has six textbooks and four monographs in circulation in the areas of business ethics, ethical culture, and legal environment. She was director of the Lincoln Center for Applied Ethics from 1995 to 1999. She has worked with government agencies, professional organizations, colleges and universities, and Fortune 100 companies on ethics training and culture. She is a contributing editor of *Corporate Finance Review* and *Real Estate Law Journal*. Two of her books have been named *Library Journal's* book of the year. Her books have been translated into three languages. Her book, *The Seven Signs of Ethical Collapse*, was published by St Martin's Press and has been used as both an audit tool and a primer by numerous organizations for creating and sustaining an ethical culture.

She served on the board of directors for Arizona Public Service (now Pinnacle West), the owner of the Palo Verde Nuclear Station, from 1987 through 2000. She has served on INPO's advisory council since 2005. In 2015, she was named an affiliated scholar with the Center for the Study of Economic Liberty at Arizona State University. She conducts ethics training and ethical culture assessments for businesses, including Fortune 100 companies, government agencies, professional associations, and nonprofit organizations.



David Kester

Program Analyst, Office of Project Management
U.S. Department of Energy

David Kester is a Program Analyst for the Department of Energy's Project Controls Division (PM-30). He supports the deployment of policies and assessment methods, and the responsibility for reviewing contractor Earned Value Management System (EVMS) plans and verifying initial and continuing compliance with EVMS criteria.

Mr. Kester has over 30 years of professional experience in both public and private sectors working for the National Security Agency (NSA), Booz Allen & Hamilton, the Naval Air System Command (NAVAIR), and the Defense Contract Management Agency (DCMA) prior to his current work with the Department of Energy (DOE). He holds a Bachelor of Science in Industrial Management from LeTourneau University, Longview, TX and Master of International Management from the University of Maryland University College, College Park, MD. Mr. Kester is a certified Acquisition Professional in the DAWIA Business, Cost Estimating and Financial Management (BCF) and Program Management (PMT) career fields. He holds DCMA EVMS Certification Program credentials, and a certificate in Manufacturing, Production, and Supply Chain Management from the College of William and Mary, Mason School of Business.



Derek Lehman

Washington River Protection Solutions, LLC
EFCOG Scheduling Task Team Lead

Derek Lehman is the Deputy Project Control Services Manager and Lead Scheduler with Washington River Protection Solutions at the DOE Hanford Site. Mr. Lehman is responsible for overseeing all facets of planning and scheduling on the multi-billion dollar Tank Operations Contract including, Baseline development and maintenance, policy and procedure development, schedule health, and field execution.

Mr. Lehman has been a part of the EFCOG Project Delivery Work Group for 4 years and has been the Lead of the Scheduling Task Team within the Project Control/EVMS Subgroup since its inception. In this role, Mr. Lehman has helped develop tools and processes which improve project reporting and self-governance while leading to increased focus on the importance of the schedule within the overall Earned Value Management System. He is a certified Earned Value Professional through AACE and has a BA in Operations Management.

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Colonel John P. Lloyd

Commander, Pittsburgh District
U.S. Army Corps of Engineers

Colonel John P. Lloyd assumed command of the Pittsburgh District, U.S. Army Corps of Engineers, on July 29, 2016. As the Commander he is responsible for carrying out the District's mission within the Ohio River Basin, which includes more than 328 miles of navigable waterways on the Allegheny River, Monongahela River and upper Ohio River. Pittsburgh District's 26,000 square miles include portions of western Pennsylvania, northern West Virginia, eastern Ohio, western Maryland and southwestern New York. Our infrastructure includes 23 navigation locks and dams, 16 multi-purpose flood damage reduction reservoirs, 80 local flood damage reduction projects and other projects to protect and enhance water resources. With 150 years of experience, the Pittsburgh District has developed expertise to accomplish its varied Civil Works missions in the areas of navigation, flood damage reduction, recreation, environmental restoration, hydropower, storm damage reduction, regulatory, water supply and emergency response.

Colonel Lloyd was commissioned in the U.S. Army Corps of Engineers in May 1995 through the Reserve Officer Training Corps at Cameron University in Lawton, Oklahoma. He earned his Bachelor's Degree from Cameron University, a Master's Degree in Joint Campaign and Strategic Planning from the National Defense University and is a graduate of the Canadian Forces College where he studied National Security. Colonel Lloyd also holds a certificate in Advanced Security Cooperation from the Asia Pacific Center, and is a graduate of the Joint Advanced Warfighting School, Norfolk, VA.

Prior to his assignment with the Pittsburgh District, Colonel Lloyd served in a variety of engineer command and leadership positions to include Battalion Commander of the 19th Engineer Battalion at Fort Knox, KY. Before commanding the 19th Engineer Battalion, COL Lloyd served as the Army Fellow assigned to the Asia Pacific Center for Security Studies, Honolulu, Hawaii.

Additional assignments included: Brigade Executive Officer, 1st Bde U.S. Army Cadet Command (Fort Knox), Brigade Executive Officer, 20th Engineer Brigade (Fort Bragg), Battalion Operations Officer and Executive Officer, 37th Engineer Battalion (Fort Bragg), Strategic Planner, 18th Airborne Corps (Fort Bragg and Iraq), Combat Engineer Trainer, National Training Center (Fort Irwin), Aide de Camp to the Deputy Commanding General, 18th Airborne Corps (Fort Bragg), 175th Topographic Company Commander, 30th Engineer Battalion (Fort Bragg), Brigade Plans Officer, 20th Engineer Brigade (Fort Bragg), Sapper Platoon Leader, Company Executive Officer and Battalion Logistics Officer, 14th Engineer Battalion (Fort Lewis).

Colonel Lloyd's military awards and decorations include the Bronze Star Medal, Defense Meritorious Service Medal, Army Meritorious Service Medal, Army Commendation Medal, the Joint Service Achievement Medal and the Army Achievement Medal, the National Defense Service Medal, and the Bronze Order of the "de Fleury Medal". Colonel Lloyd is a graduate of the US Army Sapper School, Air Assault School, Pathfinder School, and is a senior rated jumpmaster.

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Scott McNeill

Program Manager of Technology
Big Data & Analytics Center of Excellence

Scott McNeill is a Professional Engineer with more than 30 years of professional experience in Information Technology, Project Management, and Technical Consulting.

His business process experience encompasses Engineering, Construction, Procurement, Supply Chain Management, Contract Management, Financial Management, and Electronic Commerce. He has conducted software project management and execution of large enterprise systems valued at more than \$10 million.

Mr. McNeill joined Bechtel in 1981 and since then has developed a successful career performing various roles, including construction engineer, cost & scheduling engineer, manager of software development, and director of software engineering. Currently, Mr. McNeill co-leads Bechtel's Big Data & Analytics Center of Excellence (BDAC) as the Program Manager of Technology.

In his current role, Mr. McNeill designed and implemented Bechtel's BDAC, from the initial proof of concept, through the scale-up, to a production-ready system running in the Amazon Web Services cloud. He recruited data engineers, data analysts, and data scientists to build a full team dedicated to solving high-value business problems using data science.

Mr. McNeill earned a bachelor of science degree in civil engineering at Oregon State University. He also holds a Professional Engineer certification in Oregon.



Stephen W. Meador

Associate Director, Office of Project Assessment, U.S. Department of Energy

Stephen W. Meador was appointed as the Associate Director for the Office of Science (SC) for the Office of Project Assessment (OPA) in the U.S. Department of Energy (DOE) on August 24, 2014.

Steve has spent more than a decade with OPA as a Senior Technical Advisor and Engineering and Construction Manager. During that time, he has gained broad and deep experience in evaluating science facility construction projects, usually focusing on the very largest projects in SC. In addition, he has more than 20 years' experience evaluating, integrating, and managing large, complex environmental regulatory and cleanup programs and projects.

OPA plays an essential role in defining and upholding SC's high standards for project management. Its work is vital to successful execution of SC's major projects. As head of OPA, Steve will serve as one of the Associate Directors for SC. He will be responsible for conducting independent technical, cost, schedule, and management peer reviews of SC construction projects; developing and implementing policies, plans, and procedures related to SC projects; and managing the federal technical and administrative staff in OPA. Steve is located at DOE's Germantown facility.

Steve has a B.S. in Mining Engineering, and an M.S. in Organizational Learning. He is a Registered Professional Engineer.

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Mark Menezes

Under Secretary of Energy
U.S. Department of Energy

The Honorable Mark Wesley Menezes, Under Secretary of Energy serves as the Department's principal advisor on energy policy and on a wide array of existing and emerging energy technologies. The Under Secretary is responsible for driving transformative energy policy, and technology solutions through coordinated planning, management and performance of the Department's energy programs.

Prior to being confirmed as Under Secretary of Energy, Mr. Menezes was an executive with Berkshire Hathaway Energy in its Washington, D.C. office. Before joining BHE, Mr. Menezes was a partner at Hunton & Williams LLP, where he headed the Regulated Markets and Energy Infrastructure practice group. Prior to Hunton, he served as Chief Counsel, Energy and Environment, U.S. House of Representatives Committee on Energy and Commerce, serving as chief negotiator for the House Majority in the enactment of the Energy Policy Act of 2005. Before his service with House Energy & Commerce, he was Vice President with Central and South West, and upon its merger with American Electric Power, served as Vice President and Associate General Counsel for federal and state legislative and regulatory affairs.

Mr. Menezes has been named in National Journal's "Hill 100"—top Congressional staff for his work on both energy and environmental matters. He has been frequent guest speaker and lecturer before numerous associations and civic groups, including legal education seminars where he has been called on to address the nation's energy and environmental policies, utility restructuring, telecommunications, ethics, merger and acquisition practices, and regulatory and legislative processes. He has co-authored numerous articles, a practice manual, and been quoted in the New York Times, Law360, Oil and Gas Journal, Politico as well as interviewed by E&ETV. He's been listed Best Lawyers in America 2013–2016, Corporate Counsel's Top Lawyers 2006–2011, Washington Post's Top Lawyers 2008–2016, and DC Super Lawyers 2012–2016.

Mr. Menezes is a graduate of Louisiana State University receiving both his undergraduate and juris doctor degree. Until joining the government he was a charter member of the Advisory Council, Louisiana State University Law John P. Laborde Energy Law Center, and served on the Board of Directors of the Congressional Chorus & American Youth Chorus.



Keith R. Molenaar, Ph.D., DBIA, NAC

College of Engineering and Applied Science
University of Colorado Boulder

Keith Molenaar is the K. Stanton Lewis Professor of Construction Engineering and Management in the Department of Civil, Environmental and Architectural Engineering and the Associate Dean for Research in the College of Engineering and Applied Science at the University of Colorado Boulder. His teaching and research focus on risk and decision analysis, cost engineering, and innovative project delivery methods. Keith has published more than 200 journal articles, technical reports and conference proceedings. He has performed risk and cost analysis for projects including the ITER fusion project, the SLAC National Accelerator Laboratory Linac Coherent Light Source II (LCLS II), the Long Baseline Neutrino Facility/Deep Underground Neutrino Experiment (LBNF/DUNE), the San Francisco-Oakland Bay Bridge in California, the Tappan Zee Bridge in New York, and the Panama Canal Expansion in Panama. Keith holds a Bachelor of Science degree in Architectural Engineering and Masters of Science and Doctoral degrees in Civil Engineering from the University of Colorado. He was elected into the National Academy of Construction in 2017 and the Pan-American Academy of Engineering in 2012.

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Lisa Nicholson

Federal Project Director, SPR-LE2 Project

Ms. Lisa Nicholson has over 26 years of experience in the engineering, construction, and petrochemical operation at the Strategic Petroleum Reserve. She led field acceptance testing of the first Life Extension effort including development of system turn over test procedures and protocols. She oversaw development of the first ever SPR Distributed Control System Functional Specification that drove the instrumentation level for all the field equipment as well as the programming effort of the control system. She has served on various source evaluation boards and panels for selection of SPR DOE prime contractors as well as fee determination official for two, both A-E and Construction Services contracts. She led the effort for the Strategic Petroleum Reserve Long Range Plan that led to successful attainment of both CD-0 and CD-1 for Life Extension 2 and is Federal Project Director for Life Extension 2, an approximately \$1 billion capital project to upgrade facilities at each of the four SPR sites over the next 5 years, with the intent of extending the life of the facilities for 25 years. Ms. Nicholson is the Assistant Project Manager (APM) for Systems and Projects at the Strategic Petroleum Reserve (SPR) Project Management Office (PMO) in New Orleans. In her role as APM, she is responsible three SPR Divisions - Information Systems and Technical Services, Project Engineering, Systems Engineering, and the Office of Special Projects and Configuration Management. She has also supported Fossil Energy and the SPR with international outreach and cooperation efforts with Japan and China.

Lisa holds both a Bachelor and Master degrees in Electrical Engineering from Tennessee Technological University in Cookeville, TN, a short 20 miles from her hometown of Livingston, TN.



Michael O'Byrne

Program Manager of Business
Big Data & Analytics Center of Excellence

Michael O'Byrne is a Project Controls and Project Management professional with more than 35 years of experience.

During his career, Mr. O'Byrne has performed various roles, including positions in Estimating, Planning, Cost Engineering, Management Information, Functional Management and Project Management. He has also been a corporate instructor of Project Management and Project Controls certifications.

Mr. O'Byrne joined Bechtel in 1981 and has lived and worked in the USA, Hong Kong, the United Kingdom, Australia, and Canada. Currently, Mr. O'Byrne co-leads Bechtel's Big Data & Analytics Center of Excellence (BDAC) as the Program Manager of Business.

In his current role, Mr. O'Byrne is an embedded subject matter expert (SME) on the BDAC team. He provides on-the-spot guidance to the BDAC data scientists, engineers, and analysts. He also leverages a broad network of SMEs and quickly connects the BDAC team to other experts within the Bechtel organization.

Mr. O'Byrne earned a bachelor of science degree in civil engineering at Rutgers University.



Thomas Pollog

Nuclear Team Lead, Technical and Project Management Division
Loan Programs Office, U.S. Department of Energy

Thomas Pollog has 30 years of experience working for DOE, International Atomic Energy Agency and the State of Pennsylvania

May 2010 – Present - US Department of Energy, Loan Guarantee Program Office – lead engineer for all nuclear, wind, and geothermal projects. Currently involved in monitoring the construction of Vogtle Units 3 & 4, the first Generation III nuclear power plant to be built in the United States. Performed technical due diligence, construction and operations monitoring for Blue Mountain, Neal Hot Springs, and Ormat geothermal plants and Shepherd's Flat, Record Hill, Granite wind farms.

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November 1988- May 2010 – US Department of Energy - Managed 75 nuclear utility contracts for spent nuclear fuel disposal services with DOE. Negotiated all spent nuclear fuel management issues. Negotiated multiple settlements with nuclear utilities over DOE's partial breach of contract and recommended approving settlement claims of approximately \$1 billion. DOE witness testifying on behalf of the Government in multiple damages trials.

March 1992- November 1995 - International Atomic Energy Agency, Vienna Austria – Developed a major revision to IAEA Regulations that govern the Safe Transport of Radioactive Material and are used by all Member States of the IAEA.

June 1981- August 1986 - Pennsylvania Department of Environmental Resources – involved with the TMI -1 cleanup and restart.

Markus Popa

Loan Programs Office, Sr. Engineer/COR Nuclear Projects
U.S. Department of Energy



Frank A. (Andy) Prince

Manager of the Engineering Cost Office, NASA's Marshall Space Flight Center

Andy Prince is the manager of the Engineering Cost Office at NASA/Marshall Space Flight Center in Huntsville, Alabama. His office is responsible for parametric cost estimates and analyses, maintenance of the REDSTAR Library, data collection and analysis, and development of the NASA Project Cost Estimating Capability (PCEC). Andy is past ISPA Board Chair and ICEAA co-President, and is currently the ICEAA Vice-President for Professional Development. Andy is a lifetime member of ICEAA and an ICEAA Certified Cost Estimator/Analyst.

Andy has been with NASA 26 years and in the field of cost estimating and analysis for 33. He has done numerous cost estimates, developed cost models, and performed a variety of cost analyses. He is currently enjoying doing research into how behavioral psychology impacts the way that we do cost estimating and analysis and has written a few papers on the topic.



Robert B. Raines

Associate Administrator for Acquisition and Project Management

With over 30 years of experience in construction management, design management, utilities systems operations, employee development, budgeting and contracting, Robert B. Raines serves as the Associate Administrator for Acquisition and Project Management (APM).

Bob comes to NNSA from DOE's Office of Engineering and Construction Management where he served as the Director for Project Management Systems and Assessments since 2008. Prior to joining the Department, he worked for CH2M HILL where he was responsible for environmental remediation work for the U.S. Navy. Bob served for 27 years in the Navy's Civil Engineer Corps retiring as a Captain after two Command tours.

In addition to leading organizations of up to 900 personnel, Bob has been responsible for developing strategic objectives, ensuring client satisfaction, developing innovative contracting and work execution strategies, accomplishing work on schedule and within budget, and providing a positive work



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environment for all team members. Bob is a Registered Professional Engineer and a Federal Acquisition Professional (Level III Warrant).



James T. Ruddell, P.E., CCM, F.ASCE, F.CMAA
Vice President, WSP USA

Jim holds a BSCE from Stanford University. He began his career as a field engineer and superintendent with international contractors building processing and power generation facilities, and the space shuttle launch pad at Vandenberg AFB. Since then Jim has been a major project and program manager on infrastructure works. He is currently leading WSP's services for the \$740M replacement of the Harry W. Nice Bridge spanning the Potomac River and for the \$2.4B Durham-Orange Light Rail project. His previous major projects included the \$1.2B Gerald Desmond Bridge replacement project in Long Beach, CA and the \$2.3B Woodrow Wilson Bridge replacement in Alexandria, VA.



Sandi Tracy
EVMS Compliance Manager, Consolidated Nuclear Security (CNS), LLC

Mrs. Tracy is currently the CNS EVMS Compliance Manager for both Y-12 and Pantex DOE sites, and is responsible for developing the Project Controls and Project Management functional organization work execution tools, processes and procedures, and ensuring appropriate training and compliance of these approved processes.

Sandi has more than 47 years experience with in Project Controls, Estimating, and Project Management in both the private and Federal sectors. Sandi's current assignment is to obtain a CNS EVMS Certification for the new contract at both Y-12 and Pantex and support DOE in a Pilot Project for finalizing the new DOE EVMS Interpretive Handbook and Data Driven review process. Relevant experience includes managing an integrated organization in the development and implementation of cost, schedule, and reporting tools in full compliance with DOE Orders. She is an experienced assessor for evaluating Project Controls, Project Management and performing financial assessments and analysis of a project's health. She is a certified Earned Value Professional through AACEI, and has a BS in Business Management.



John Vonglis
Chief Financial Officer
U.S. Department of Energy

John G. Vonglis serves as the Chief Financial Officer of the Department of Energy. As CFO, he is responsible for all matters financial of the department. Prior to joining DOE, Mr. Vonglis was a senior advisor to Cross Range Capital LLC, a boutique private equity firm. Before Cross Range Capital, he was Senior Vice President of Finance at Red Apple Group, Inc., a \$5B diversified business where he served simultaneously as CFO of its second largest portfolio company. Before this, he was a practice area leader with IBM. From 2002 – 2009 he served at the Department of Defense. Initially, he was Director of Management Initiatives, and later served as Principal Deputy, acting Assistant Secretary (Financial Management and Comptroller), and as the first Chief Management Officer of the U.S. Air Force. In 2000, he was a candidate for the U.S. House of Representatives from his native New York. His private sector experiences include positions within advisory, aerospace/defense, financial services, and high-technology firms. John also is a Colonel in the U.S. Army Reserve and advises the Army Cyber Institute at West Point. In addition to his military awards, he is the recipient of the Air Force awards for Exceptional and Meritorious service, and other civilian federal level recognitions. He is published, has appeared on radio and television, lectured at the U.S. Military Academy, and served on various boards. As a former Eagle Scout, he is active with the Boy Scouts of America. He holds BS and MBA degrees

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from Fordham University, and a Masters in International Public Policy degree from The Johns Hopkins University.



Matthew "Zac" West
Office of Project Management
U.S. Department of Energy

Mr. West has over 30 years of project management, operational planning, and strategic planning experience in the federal government and in the private sector. He is currently an engineer/project analyst within the Office of Project Management at the U.S. Department of Energy. He served in the U.S. Army for 32 years, retiring as a Colonel of Engineering serving as both a combat and facility engineer and as an Army Strategist shaping future Army capabilities and requirements. As an Army engineer, Mr. West worked globally to deliver projects in support of U.S. and allied warfighters as well as support facilities for the Department of Defense and other government agencies to include local police, Department of Interior, and State agencies. In his last engineering position, Mr. West managed the global engineer force for the Department of Defense to meet National security needs, continuously coordinating the delivery of 12,000 to 15,000 engineer personnel and equipment to mission requirements. In 2008, Mr. West focused on strategic planning for the Department of Defense, both teaching strategy and operational planning at National Defense University and leading the Army division charged with establishing future plans and scenarios for the Department of Defense to develop and evaluate requirements in concert with National Security Objectives five to twenty-five years out. From 1982 to 1996, Mr. West served the Army as a reserve member while working as a process and project engineer in industry from 1987 to 1996.

Mr. West is a registered professional engineer in the State of Washington and titled as an Assistant Professor at National Defense University. He is a Project Management Institute certified Project Management Professional. He holds a Master of Science in Joint Campaign Planning and Strategy degree from the National Defense University, a Masters of Business Administration degree from Touro University International, and a Bachelor of Science in Pulp and Paper Science, Technology, and Engineering degree from the University of Washington.



Steven Winburg
Assistant Secretary for Fossil Energy

As Assistant Secretary, Steven Winberg is responsible for the management and oversight of FE's research and development program, encompassing coal, oil, and natural gas, as well as the Office of Petroleum Reserves.

Mr. Winberg has 39 years of experience in the energy industry. He began his career at the engineering firm Foster Wheeler as an engineer on coal-fired utility boilers. From there, he spent 14 years with Consolidated Natural Gas working in a variety of positions before becoming Vice President for CONSOL Energy Research & Development. Immediately prior to coming to DOE, Mr. Winberg served as a Senior Program Manager at Battelle Memorial Institute.

Over the span of his career, Mr. Winberg has participated in a number of policy and energy initiatives. He has also gained extensive experience in numerous energy technologies, including advanced fossil energy combustion, coal-to-liquids, fluidized bed combustion, emulsified fuels, fuel cells, alternative fuel vehicles, and carbon utilization.

Mr. Winberg received a bachelor's degree in nuclear science from the State University of Maritime College in 1978 and an MBA from the University of Pittsburgh in 1991.