



2015 Offshore Safety Conference

From Desktop to Deck Plate: A Holistic Approach to Risk Management

SPEAKER BIOGRAPHIES (IN ORDER OF APPEARANCE)



Brian Salerno
Director
Bureau of Safety and Environmental Enforcement

Brian Salerno was sworn in as the Director of the Bureau of Safety and Environmental Enforcement on August 26, 2013. He is responsible for promoting safety, protecting the environment and conserving resources through the vigorous regulatory oversight and enforcement of offshore operations on the U.S. Outer Continental Shelf.

Prior to his appointment as Bureau Director, Salerno served as the U.S. Coast Guard's Deputy Commandant for Operations where he was responsible for establishing and providing operational strategy, policy, guidance and resources as needed to meet national priorities for U.S. Coast Guard missions, programs and services. Previous Washington, D.C.-based assignments included serving as the Assistant Commandant for Marine Safety, Security and Stewardship, Assistant Commandant for Policy and Planning, and Director of Inspections and Compliance.

Salerno was commissioned as an ensign in the U.S. Coast Guard in December 1976 after attending Officer Candidate School. Over the course of his 36-year active duty career, Salerno attained the rank of Vice Admiral, serving predominantly within the U.S. Coast Guard's marine safety program. His field assignments included commanding units in Boston, MA and San Juan, PR, in addition to other assignments in Baltimore, MD; Port Arthur, TX; Portland, ME; and as the marine safety adviser to the Panama Canal Authority.

Salerno is a 2000 graduate of the U.S. Army War College, with a Masters in Strategic Studies. He is also a graduate of the Naval War College nonresident program, and holds a Master's Degree in Management from the Johns Hopkins University. He is licensed as a master of small passenger vessels.



Allyson Anderson Book
Associate Director of Strategic Engagement
Bureau of Safety and Environmental Enforcement

Allyson Anderson Book is the Associate Director of Strategic Engagement of the Bureau of Safety and Environmental Enforcement (BSEE) at the Department of the Interior. Prior to joining BSEE she was a senior professional staff member on Chairman Jeff Bingaman's Senate Energy and Natural Resources Committee.

Anderson Book came to DC and Capitol Hill as the 2006-2007 American Geological Institute/American Association of Petroleum Geologist Bill Fischer Congressional Science Fellow. While working on the Energy Committee, she worked on many energy and resource related issues including oil and gas exploration and production activities, mineral criticality, carbon sequestration and geothermal energy resources. She also worked on policy related to fossil energy research and development, critical minerals and materials for clean energy technologies and other geological and science related policy areas.

Prior to joining the Energy Committee staff, Anderson Book was a petrophysicist/senior geoscientist at ExxonMobil Exploration Company in Houston, Texas and student/researcher at the Kansas Geological Survey. She earned a Master's degree in Geology from Indiana University-Purdue University at Indianapolis in 2000. She is a former President of the Association for Women Geoscientists and has also served on many other volunteer, professional outreach and education committees through professional geoscientific organizations. Anderson Book is also currently an adjunct professor and Energy Scholar at Georgetown University's Science in the Public Interest Program.



Ian Thomson, Ph.D.
Shinglespit Consultants Inc.

Ian Thomson has more than 30 years of experience in the resource industries, and a perspective that is sought-after to provide forward-looking guidance as well as provoke better industry practice. He has worked for governments, companies, commercial banks and international financial institutions, non-governmental organizations and communities. Dr. Thomson is a frequent speaker at industry conferences world-wide, publishing in both peer-reviewed and industry journals, leading workshops and teaching at universities in Canada and Peru.

Dr. Thomson has led development of standards and guidelines for the management of social issues during mineral exploration and mine development programs. He authored the first version of the Community Engagement for the Prospectors and Developers Association of Canada's e3Plus on-line manual of good practice, facilitated construction of the Principles and Guidance

for Responsible Exploration for the Prospectors and Developers Association of Canada, and co-developed quantitative metrics for the Social License to Operate. He was the 2010 recipient of the AMEBC Hedley Award for Excellence in Social and Environmental Responsibility and is a 2015/6 CIM Distinguished Lecturer.

Dr. Thomson received his PhD from the Imperial College of Science and Technology, University of London, England.



Harry van der Meijden
Inspector-General
State Supervision of Mines, The Netherlands

Harry van der Meijden succeeded Jan de Jong as Inspector-general of the Dutch regulator for natural resources in September 2014. The focus of his first year in office was risks associated with seismicity as a result of production of the giant Groningen natural gas field, onshore in The Netherlands. He reports directly to the Minister of Economic Affairs.

He joined Royal Dutch Shell in 1977 and served as a geologist in various functions in The Netherlands, Nigeria, Australia, The United Kingdom and in the United States. Following supervisory positions related to Shell's upstream activities in Australia, New Zealand, China and The Philippines, he became Director of Shell's Headquarters in The Hague. Van der Meijden retired from Shell in 2008. For some time he was Director General Affairs of Dutch Consultancy Firm Boer & Croon in Amsterdam.

Van der Meijden obtained his MSc in geology from Utrecht University in 1977 and an MBA from Henley Management College (UK) in 1991. He is Chairman of various boards, among them the Dance and Music Hall of The Hague.



Bob Sussman
Principal
Sussman and Associates

Bob Sussman is the principal in Sussman and Associates, a consulting firm that offers advice on energy and environmental policy issues to clients in the non-profit and private sectors. He is also an Adjunct Professor at the Georgetown University Law Center and a Visiting Lecturer at Yale Law School.

Sussman served in the Obama Administration as Co-Chair of the Transition Team for EPA and then as Senior Policy Counsel to the EPA Administrator from 2009-2013. He served in the Clinton Administration as the EPA Deputy Administrator during 1993-94. At the end of 2007, Bob retired as a partner at the law firm of Latham & Watkins, where he headed the firm's

environmental practice in DC. Sussman was a Senior Fellow at the Center for American Progress in 2008, writing and speaking about climate change and energy. He is currently serving on a number of committees of the National Academy of Sciences and is a Commissioner on the Interstate Commission for the Potomac River Basin.

Sussman is a *magna cum laude* 1969 graduate of Yale College and a 1973 graduate of Yale Law School.



Stuart Smith
CEO
National Offshore Petroleum Safety and Environmental Management Authority (NOPSEMA)

Stuart Smith was appointed CEO of the National Offshore Petroleum Safety and Environmental Management Authority (NOPSEMA) in September 2014; Australia's independent regulator of offshore safety, well integrity and environmental management of offshore oil and gas facilities around Australia.

Prior to this appointment, he spent 11 years with the Western Australian Public Service as Director General for the Department of Fisheries (2008-14) and Acting Director General and Deputy Director General for the Department of Industry and Resources (2003-2008). Smith has also worked previously in the Australian Public Service (1989-2003) where he held industry development and regulatory roles in Canberra, Melbourne and Perth.

Smith holds a Bachelor of Economics from the University of Western Australian and a Graduate Diploma in Economics from the Australian National University.



Charles (Bud) V. Darr
Senior Vice President
Technical and Regulatory Affairs
Cruise Lines International Association

As Senior Vice President of Technical and Regulatory Affairs for the non-profit Cruise Lines International Association (CLIA), Bud Darr is responsible for the cruise industry's interests in shipboard operations, safety, security, environmental stewardship, emergency response planning and exercises, medical facilities, public health matters both in the U.S. and internationally. He also coordinates and represents the industry with regard to regulatory and legislative matters.

Darr left the United States Coast Guard in September 2010 after 17 years of service in a variety of roles, both military and civilian. He represented the United States as a delegate to the International Maritime Organization (IMO) at the Assembly, Committee, Sub-Committee, and

Working Group levels, and served in capacities as head of delegation, advisor, and elected Chairman. During his notable career, Darr was also an enlisted submarine nuclear propulsion supervisor in the US Navy from 1983-1989, after which he enrolled at the US Merchant Marine Academy, where he graduated with honors in the Marine Transportation program and received his Merchant Marine License as a Deck Officer.

Darr is also licensed to practice law in the Commonwealth of Virginia and a graduate with high honors of the George Washington University Law School.



J. Robinson West
Senior Advisor
Energy and National Security Program,
Center for Strategic and International Studies

J. Robinson West is a senior adviser with CSIS Energy and National Security Program. The former chairman and founder of PFC Energy (1984-2013), he has advised chief executives of leading national and international oil and gas companies on corporate strategy, portfolio management, acquisitions, divestitures, and investor relations.

Before founding PFC Energy in 1984, West served in the Reagan administration as Assistant Secretary of the Interior for Policy, Budget, and Administration (1981-1983), with responsibility for U.S. offshore oil policy. His duties included preparation of the department's \$6-billion budget and general administrative oversight of its 75,000 employees. He conceived and implemented the five-year Outer Continental Shelf (OCS) leasing schedule and managed the \$14-billion per year OCS policy, the largest non-financial auction in the world at that time. Between 1977 and 1980, West was a first vice president of Blyth, Eastman, Dillon & Co., Inc., an investment banking firm. Prior to that, he served in the Ford administration as Deputy Assistant Secretary of Defense for International Economic Affairs (1976-1977) and on the White House staff (1974-1976). In 1976, he received the Secretary of Defense Medal for Outstanding Civilian Service.

West has served on many government boards and commissions in several administrations. In 2003 and again in 2008, he was nominated by the president to be a director of the U.S. Institute of Peace (USIP) and was confirmed by the Senate. He served as Chairman of the Board from 2004 until 2014 and is now Chairman Emeritus. He has served as vice chairman of the Secretary of Energy Advisory Board, as a trustee of the Trans-Alaska Pipeline Liability Fund, and as a member of the Chief of Naval Operations Executive Panel, the Industry Policy Advisory Committee on Multilateral Trade Negotiations, and the National Advisory Committee on Handicapped Children. Currently, he is cochairman of the German Marshall Fund of the United States, a board member of the Center for the National Interest, and on the Board of Advisors of the National Interest Magazine. West recently joined the Board of Directors of Repsol S.A., a global energy company based in Madrid. He is also a member of the National Petroleum Council and the Council on Foreign Relations. In addition, he is president of the Wyeth Foundation for American Art.

West received a B.A. from the University of North Carolina at Chapel Hill, a J.D. from Temple University, and was admitted to the Pennsylvania Bar.



Francis Slakey, PhD
Upjohn Lecturer on Physics and Public Policy
Georgetown University

Francis Slakey is the Upjohn Lecturer on Physics and Public Policy at Georgetown University, the Executive Director of the Georgetown University Energy Prize, and author of the international best-selling memoir *To The Last Breath*.

Dr. Slakey received his PhD in Physics in 1992 from the University of Illinois, Urbana-Champaign. His technical publications have received more than 500 citations. He has written widely on science policy issues, publishing more than fifty articles for the popular press including *The New York Times*, *Washington Post*, and *Scientific American*. He has served in advisory positions for a diverse set of organizations including the National Geographic, the Council on Foreign Relations, and the Creative Coalition - the political advocacy organization of the entertainment industry. He is a Fellow of the APS, a Fellow of the AAAS, a Lemelson Research Associate of the Smithsonian Institution, and a MacArthur Scholar.

Dr. Slakey became the 28th American to summit Mt. Everest in an environmental expedition that was the subject of the movie *Beyond the Summit*. He is the first person in history to both summit the highest mountain on every continent and surf every ocean. In recognition of his adventures, as part of the 2002 Olympic Games, he carried the Olympic torch from the steps of the U.S. Capitol.



David Wichner
Senior Manager
Safety Culture
Pacific Gas & Electric Company (PG&E)

Mr. Wichner brings over 25 years of direct risk, program, and operational management experience, as well as serving commercial and government clients. As a senior manager in the safety sensitive aviation industry, he designed and implemented creative but realistic solutions to complex risk management challenges, using variety of standard methodologies including systems engineering and controls reliability. His experience gives him the pragmatic perspective of the rank and file, with the sensitivity of a manager who must deliver solutions to meet tight constraints.

Wichner is currently Senior Manager for Safety Culture at Pacific Gas and Electric Company, where he leads a team of six safety leadership coaches who are delivering a behavioral safety program to over 1,100 front line leaders.



Anne Myhrvold
Director General
Norway's Petroleum Safety Authority (PSA)

Anne Myhrvold is the Director General of Norway's Petroleum Safety Authority (PSA), she started the post in May 2013.

Myhrvold holds a MSc from the University of Bergen. She has more than 23 years' experience within health, safety and environment. Earlier posts include working in a research institute for 6 years, and thereafter with the safety area at the Norwegian Petroleum Directorate (NPD) for 4 years. Myhrvold worked for BP Norway from 2002-2013. She was a member of BP Norway's top management as head of HSE from 2009 to 2013.

In addition to the role as Director General for PSA, Myhrvold is the leader of the 3-partite Safety Forum in Norway. She is also member of International Regulators' Forum (IRF) and the North Sea Offshore Authority Forum (NSOAF).



David Kaplan
Safety and Mission Assurance Partnership Development
National Aeronautics and Space Administration (NASA)

David Kaplan is a leader at the NASA Johnson Space Center (JSC) with more than 30 years of experience in aerospace engineering and management. He has been a Project Manager for Mars hardware, a Space Shuttle flight controller, and managed the crew health care equipment on the International Space Station.

Most recently, Kaplan served as Chief of the Quality Division at JSC. In that position, he managed the NASA Failure Analysis Laboratory, which is instrumental in detecting counterfeit parts and assisting projects to reduce their risks associated with fabrication and operations. Currently, Kaplan is involved in assessing the applicability of NASA quantitative risk management techniques to the Oil & Gas Industry.



Walt Fennell
Partner
PricewaterhouseCoopers

Mr. Fennell is a partner working in Public Sector Practice of PwC. Mr. Fennell has over 28 years of Federal and nonprofit accounting and auditing experience. For the last 23 years, Mr. Fennell has conducted CFO Act audits and performance audits at numerous civilian and defense agencies and bureaus in addition to completing financial audits of various Legislative organizations. Mr. Fennell has worked on the development and implementation of audit and

accounting guidance used within the Federal government.

More recently, Mr. Fennell has worked with Chief Financial Officers, Comptrollers and Internal Auditors to identify financial management and organization risk, and to help improve the financial management effectiveness and efficiency of his clients.

Walt enjoys the learning and educational aspects of his job, conducting lectures at local colleges and universities and frequently instructing classes internal to PricewaterhouseCoopers. Although the topics have ranged over the years, the focus recently has been OMB's Circular A-123, GAO's Green Book, the COSO framework and other internal control related courses.

A native Floridian, Mr. Fennell earned a master's degree in accounting from The George Washington University and a bachelor's degree in business administration with an emphasis in accounting from Southern Adventist University. Mr. Fennell has also studied abroad in the United Kingdom. For the last 26 years, Walt and his wife Nancy have lived in Maryland. They are the proud parents of three children. Walt is an active member in his church and serves on the school board of Spencerville Adventist Academy and the board of Adventist HealthCare.



Eric Loewen, PhD
Chief Engineer
GE Hitachi

Dr. Eric Loewen, Chief Engineer for GE Hitachi Nuclear Energy, promotes the sodium cooled fast reactor (SFR) and the proven electro-metallurgical processing of used nuclear fuel and surplus nuclear materials in the GEH Advanced Recycling Center.

Dr. Loewen is the Past-President of the American Nuclear Society & was the American Nuclear Society's 2005 Congressional Fellow. Dr. Loewen coordinated Senator Chuck Hagel's (R-NE) work addressing global climate change policy leading to the Energy Act of 2005. At the Idaho National Laboratory 1999 - 2006, Dr. Loewen contributed to development of new reactor and fuel types and also supported the President's Climate Change Technology Program. From 1992 - 1997 he was Director of Research, Molten Metal Technology, where he developed and deployed nuclear applications for hazardous waste management.

Dr. Loewen served 10 years in the U.S. Navy as an Instructor for the Nuclear Power School, deployments in the nuclear powered cruiser USS Long Beach (CGN-9), and as Commanding Officer of two Naval Reserve material support units for combatant units. Graduating Western State College with a BA, Mathematics and Chemistry (1983), MS, Nuclear Engineering (1992) and PhD, Engineering Physics (1999) from the University of Wisconsin - Madison.



Dan Chicoyne
Chief Safety Officer
Canada-Newfoundland and Labrador Offshore Petroleum Board
(CNLOPB)

Dan Chicoyne is the Chief Safety Officer for the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB). He is a graduate of the Royal Military College where his studies ranged from Astrophysics to Oceanography. During his military career he attained the rank of Colonel. He has accumulated approximately 4000 flying hours on 10 different types of military and civilian aircraft ranging from Gliders, to Jets, to Helicopters, to

multi-engine aircraft such as the Hercules. In 1989, he was posted to Goose Bay Labrador where he flew the Twin Huey Helicopter in the Search and Rescue role and served as Squadron Flight Safety Officer.

Chicoyne is also a graduate of the Southern California Safety Institute which included studies in Accident Investigation, Safety Management Systems, Jet Propulsion Systems, and Human Factors. Colonel Chicoyne held the position of Director Flight Safety for the Canadian Forces. He has also served as Executive Assistant to the Chief of the Air Staff.



Carlos de Regules
Executive Director
Agencia de Seguridad, Energía y Ambiente (ASEA)

Carlos de Regules was appointed Executive Director of ASEA in November 2014. In the two years prior, he served as Deputy Director of Strategic and Operational Planning at Petroleos Mexicanos (PEMEX), a position in which he was responsible for, among other themes, the company's sustainable development.

He has a long-standing career in environmental issues and industrial safety of the hydrocarbons sector owing to the diverse high-responsibility positions held in these fields. Among them, he was responsible for defining and evaluating PEMEX's environmental strategy and Climate Action Plan.

De Regules holds a Bachelor's Degree in Chemical Engineering from the Monterrey Institute of Technology and Higher Education (ITESM); a Master's Degree in Engineering and Environmental Management from the École des Mines of Paris, France; and has pursued studies at the LEAD Program for Advanced Studies on Environment and Development at the College of Mexico (COLMEX).



Tony Hetherington
Director, Energy Division
Health and Safety Executive, United Kingdom

Having joined the HSE in 1986, Hetherington spent more than 10 years as a field inspector before working on the implementation of the original Construction, Design and Management (CDM) regulations. He was worked in Hazardous Installations Directorate since 2010.



Dan Vergano
Science Reporter
Buzzfeed

Dan Vergano is the Washington D.C. science reporter for BuzzFeed News. He was previously a senior writer-editor at National Geographic and the senior science writer at USA TODAY.

In his career, he has reported on accidents in the energy, space and pharmaceutical fields for national news audiences. His educational background is in science policy and engineering, and he was a 2007-08 Nieman Fellow at Harvard, where he studied the intersection of politics and science.



Sonja Haber, PhD
President and Executive Consultant
Human Performance Analysis Corporation

Dr. Sonja B. Haber is President and Executive Consultant of Human Performance Analysis, Corp. She has been conducting work in the area of human performance analysis for over 35 years. Dr. Haber has been involved in the evaluation and intervention of organizational culture and human performance strategies in various applications.

For the last 25 years, Dr. Haber's work has focused on improving human performance within organizations that must operate with a high degree of reliability. She has been extensively involved in conducting fieldwork for various international agencies and commercial entities in efforts related to enhancing organizational safety culture and human performance. Her work has also included cross-cultural analysis of organizational issues, in the areas of safety culture and management and supervisory skills.

Most recently, Dr. Haber has been conducting organizational safety culture assessments in various organizations, providing consultation in organizational interventions including leadership and management training, enhanced communication and observational skills training, and working towards the development of performance measures for organization and management processes. Dr. Haber has a Ph.D. in Psychology.



Mike Witt, Ph.D.
Global Director, Toxicology and Environmental Research and Consulting
The Dow Chemical Company

Dr. Mike Witt currently serves as Global Director of Toxicology and Environmental Research and Consulting at The Dow Chemical Company. In this role, he leads the global organization that provides environmental and toxicological testing, research and consultative services to all Dow businesses. Dr. Witt serves as the chair of Dow's Product Sustainability Governance Team and the Chemical Policy & Health Leadership Group within the International Council of Chemical Associations (ICCA). He also serves as the management sponsor for the Disability Employee Network (DEN) within Dow.

Dr. Witt has previously held a variety of positions in Environment, Health & Safety (EH&S), Dow's Energy Business, Public Affairs, and Supply Chain. He served as Dow's global leader for EH&S Regulatory Affairs and Auditing. He also led Dow's Energy & Climate Change team and worked in Dow's product stewardship organization supporting the Specialty Chemicals, Designed Polymers, and Custom & Fine Chemicals businesses. Here, Dr. Witt managed product stewardship and regulatory compliance activities in both North America and South America.

Prior to that, he served as a consultant for the Global Chlorinated Organics business and as a Research Specialist in Toxicology and Environmental Research and Consulting.

Dr. Witt holds masters and doctoral degrees in environmental engineering from Michigan State University, and a bachelor's degree in civil/environmental engineering from The University of Michigan. He also holds an MBA in management from Northwood University. He is the co-author of several publications and patents.



Mike McKeon
Senior Manager, Operational Risk
Deloitte Advisory

Mike McKeon leads the Operational Risk team within Deloitte's Energy Regulatory and Risk practice responsible to refine the go-to-market strategy and implementation of Operational Risk Advisory services.

Prior to joining Deloitte, McKeon spent his entire career in the aerospace industry, most recently serving as the Director for The Extreme Engineering Business Segment of Aerojet Rocketdyne responsible for providing engineering and risk services to the Offshore Oil & Gas market. McKeon's extensive leadership experience includes Director of Engineering, Director of Hypersonics & Advanced Programs, Director of Controls & Health Management, Program Director for the ISTAR Rocket Based Combined Cycle Consortium, and Program Manager for all propulsion of the X-33 Flight Demonstrator Program. His early career was spent supporting the Space Shuttle Main Engine Program in

various capacities including Turbomachinery Engineering, Engine Systems Engineering and Engine Flow Manager at The Kennedy Space Center.

McKeon holds a Bachelor of Mechanical Engineering Technology from Northeastern University in Boston and an MBA from Pepperdine in Malibu, California.



Christopher Munley
Principal, Lead for U.S. Commercial Energy, Oil & Gas Market Team
Booz Allen Hamilton

Christopher Munley, a Principal at Booz Allen Hamilton, is a leader in the firm's U.S. Commercial Energy Oil and Gas Market Team. In this capacity, he helps clients mitigate risk, innovate towards intelligent operations and maintain situational awareness of their global operations. Munley and his team develop new services and capabilities aligned to the key opportunities and challenges that ONG

companies face in today's geopolitical and economic environment. He leverages the firm's capabilities and services to help ONG clients overcome their greatest challenges and capitalize on their best opportunities in the areas of Analytics and Data Science, Digital Innovation, Compliance and Risk, and Cybersecurity.



Gary Jobson
Jobson Sailing, Inc.

Gary Jobson is a world class sailor, television commentator and author based in Annapolis, Maryland. He is a Vice President of the International Sailing Federation and President of the National Sailing Hall of Fame. He has authored 19 sailing books and is Editor at Large of *Sailing World* and *Cruising World* magazines.

Jobson covered the 34th America's Cup for NBC. He won an ACE (Award for Cable Excellence) for the 1987 America's Cup on ESPN. In 1988 Jobson won an Emmy for his production of sailing at the Olympic Games in South Korea, and won an Emmy for the 2006 Volvo Ocean Race on PBS. His newest book is *Chasing Roosters: A Century of Sailing on Barnegat Bay*. In 2013 Jobson was presented a Telly Award (Recognizes distinction in creative work in broadcast/non-broadcast video productions) for *Unfurling the World: The Voyages of Irving and Electa Johnson*.

He has won many championships in one design classes, the America's Cup with Ted Turner, the infamous Fastnet Race and many of the world's ocean races. In college at SUNY Maritime, he was an All American sailor three times and was twice named College Sailor of the Year. Jobson

is also an active cruising sailor. He has led ambitious expeditions to the Arctic, Antarctica and Cape Horn.

Jobson was inducted into the National Sailing Hall of Fame (2011) and the America's Cup Hall of Fame (2003) by the Herreshoff Marine Museum. In 1999 Jobson won the Nathanael G. Herreshoff Trophy, US SAILING's most prestigious award.

Jobson has been the National Chairman of The Leukemia Cup Regatta program since 1994. These events have raised over \$50 million to date. In 2012, the University of Maryland Medical School established The Gary Jobson Professorship in Medical Oncology. Jobson was awarded a Doctor of Letters from the State University of New York Maritime College in 2005 and a Doctor of Humane Letters from Lakeland College in 2013.

Over the past 40 years, Jobson has given over 2500 lectures throughout the world. He started his career as a sailing coach at the U.S. Merchant Marine Academy and the U.S. Naval Academy. He is a Past President of US Sailing (2009-2012).



C. Peter Watson, P. Eng. FCAE
Chair and CEO
National Energy Board

Peter Watson was designated as the Chair and CEO of the National Energy Board of Canada on June 13, 2014. His term is for a period of seven years, on a full-time basis.

Watson has extensive senior executive leadership experience in energy, natural resources and environmental issues. In his most recent position as Deputy Minister of the Alberta Executive Council, he was responsible for the administration of the Executive Council Office, Cabinet and committees, and was also Head of the Alberta Public Service. Watson served as Deputy Minister, Alberta Department of Energy (2008–2011), Deputy Minister, Alberta Department of Environment (2005–2008), and Assistant Deputy Minister, Environmental Assurance Division, Alberta Environment (2002–2005). Previous to these senior positions with the Alberta government, Watson served as Regional Director, Southern Region, Alberta, and held various engineering and management positions at Alberta Environment. He was named Alberta's Resource Person of the Year in 2011 by the Alberta Chamber of Resources. Watson holds a B.Sc. in Civil Engineering from the University of Alberta.



Garry Moon
Principal Consultant
Lloyd's Register's Human Factors Team

Garry Moon is a Principal Consultant within Lloyd's Register's human factors team and is based in their London office. He is also a Chartered

Occupational Psychologist registered with the Health Care Professions Council in the UK, and an Associate Fellow of the British Psychological Society. Moon specializes in organizational development, culture and change, training, career development and appraisal, selection and assessment, and human-machine interaction.

Moon has worked in individual and organizational performance improvement for over 15 years. While at Lloyd's Register, Moon's work has helped organizations with various human reliability issues in the oil and gas, nuclear and marine industries, where his work has mainly focused on safety culture improvement, competence assurance, human factors awareness training, and safety critical task assessment. Before his current role he managed change in a medium sized risk focused organization with the aim of improving performance across the organization.



Tracy G. Dillinger, PhD
Manager of Safety Culture
Human Factors in Mishap Investigations, and Human
Reliability Assessment
NASA

Dr. Tracy Dillinger is the manager for three programs: Safety Culture, Human Factors in Mishap Investigations and Human Reliability Assessment at NASA Headquarters. Dr. Dillinger is the Chair of the Safety Culture Working Group and responsible for the NASA Safety Culture Survey, Safety Culture Courses and NASA Organizational Safety Assessments (OSAs).

After 21 years, Dr. Dillinger retired as a Lieutenant Colonel in the United States Air Force (USAF). She was stationed at USAF Safety Center Headquarters as the Chief of the Safety Assessment Division from 2005 to 2008, and was the USAF Chief of Aviation Psychology from 1998 to 2008. Earlier, she developed and instituted the OSA program and the Air Force (AF) Culture Assessment Safety Tool as safety prevention tools for leadership. Dr. Dillinger conducted human factors portions of USAF investigations, developed a witness interview guide for use by investigation teams published in AF guidance and spearheaded assessment efforts to identify risks and hazards embedded in USAF organizations.

Dr. Dillinger was a member of the Columbia Accident Investigation Board in 2003 and the Space Shuttle Independent Assessment Team in 1999.

In 2006, Dr. Dillinger was awarded the USAF Chief of Staff Individual Safety Award for her record-breaking contributions to reducing mishap rates while ensuring mission success. She has expertise in pilot personality, witness interviewing, human factors, safety culture and organizational dynamics. She has taught and conducted human factors investigations, organizational assessments and witness interviewing, and has authored several articles in these subjects. Dr. Dillinger also has held a license in clinical psychology for the past 19 years.



Dr. Dillinger received Bachelor of Arts degrees in Psychology and Dance and a Master of Arts degree in Counseling Psychology from the University of Iowa, a Doctor of Psychology degree in Clinical Psychology from the Chicago School of Professional Psychology (CSPP), a Post-Doctoral Fellowship from the University of Illinois in Aviation Psychology, and an Honorary Doctor of Psychology degree in Business and Organizational Psychology from CSPP.



W. Earl Carnes
U.S. Department of Energy (retired)
Senior Advisor for High Reliability &
Liaison Officer with Institute of Nuclear Power Operations

Over 40 years W. Earl Carnes served private sector and government organizations evaluating and improving operations of complex technology organizations that perform societally critical missions. His principal focus was organizational assessment and executive advisory support on leadership, culture, governance and organizational systems needed to promote excellence in safety and performance. He received the U.S. Department of Energy (DOE) Award for Distinguished Career Service for his contributions to the United States and the Department, and a Proclamation of Distinguished Career Service by the Institute of Nuclear Power Operations for his contributions to the nuclear industry and the Institute.

Carnes served for 23 years in oversight, policy and advisory positions for the DOE research, nuclear defense and environmental missions. His portfolio included safety management systems, human and organizational factors, safety culture, accident investigation, and organizational learning. He served as liaison with other U.S. federal agencies, the International Atomic Energy Agency, the academic community and the private sector facilitating reliability collaborations for the nuclear industry, the U.S. electrical transmission grid, health care, petro-chemical operations, energy pipelines, and transportation.

Before joining DOE, he served for 17 years in the commercial nuclear industry with the Institute of Nuclear Power Operations, with a nuclear operating utility and as a nuclear management advisor. Prior to joining the nuclear industry he was a university faculty member teaching and conducting research.

In retirement, Carnes continues his pursuit of learning and professional service by supporting educational fora on high reliability, assisting with independent investigations and advisory reviews, and participating as an associate with the U.C. Berkeley Center for Catastrophic Risk Management.