

Committee to Advise GRP on Rapid Response to Oil Spills of National Significance

Committee

Scott Lundgren

Chair

Scott Lundgren is the principal of a consulting practice, Lundgren Advisors LLC. He leverages over three decades at NOAA and the U.S. Coast Guard to address client's strategic resilience, preparedness, response, and restoration needs.

Scott completed his 33-year federal career in 2025 as the Director of NOAA's Office of Response and Restoration where he led NOAA's efforts to protect and restore ocean and coastal resources from the impacts of oil, chemicals, marine debris, disasters and other hazards through leadership, training, and time-critical services. His office provided essential products and services to benefit the environment, public, and economy through a nationally distributed staff of 150.

Prior to his 2019 appointment as the OR&R director, Scott led the office's Emergency Response Division providing scientific support for coastal oil and chemical spill preparedness and response nationwide. Before his move to NOAA in 2015, he served as a 23-year civilian employee of the Coast Guard in several environmental response and incident management positions from the field to headquarters, culminating as the senior technical advisor to the Coast Guard's Marine Environmental Response Program.

Scott holds master's degrees from the Naval War College and Harvard University, and a bachelor's degree from Tufts University. After his federal retirement, he and his wife have relocated from Washington, DC, to Midcoast Maine and are enjoying a lifestyle with newfound recreation time.

Victoria Broje

Member

Dr. Victoria Broje has over 25 years of experience in environmental science and emergency response. As a Principal Technical Expert for environmental and scientific aspects of emergency management at Shell, she supports global operations in spill response technologies, research and development, regulatory and public outreach, and environmental impact assessments. Dr. Broje actively contributes to the development of best practices in emergency response and environmental protection through industry associations such as API, ARPEL, IOGP, and IPIECA. She also collaborates with government agencies internationally to strengthen environmental regulations related to emergency response.

In addition to her technical work, Dr. Broje serves as Chair of the Board for Clean Caribbean and Americas, a non-profit organization focused on spill response and environmental outreach. She has also advised numerous academic research projects, including GoMRI, GoMOSES, and MPRI.

Dr. Broje earned a master's degree in Offshore Engineering in 2001 from Saint Petersburg State Technical University in Russia, specializing in modeling oil spill behavior in Arctic marine environments. She received a Ph.D. in Environmental Science and Management in 2006 from the University of California, Santa Barbara. Her doctoral research led to a patented oil skimming technology, which later won the Wendy Schmidt Oil Cleanup X-CHALLENGE for the world's most efficient oil spill recovery equipment.

In 2010, she was seconded to BP to support the Deepwater Horizon response in the Gulf of Mexico. Over the years, she has led numerous research projects aimed at improving spill response efficiency and co-authored three publications for the U.S. National Academy of Sciences, including the latest edition of Oil in the Sea IV. In 2024, she became the first woman to chair the International Oil Spill Conference in its 55-year history.

Thomas J. Eccles, USN

Member

Rear Admiral Tom Eccles (NAE) is co-chairman of Trident Maritime Systems, and a member of Australia's Naval Shipbuilding Expert Advisory Panel. He was Chief Executive Officer of Trident from 2014 to 2025. He served more than 30 years in the U.S. Navy, retiring in 2013 as Chief Engineer of the Navy for ships, submarines, aircraft carriers and their weapons and systems. His fields of expertise include naval architecture and marine engineering, submarines, deep sea diving, and salvage operations. RADM Eccles led submarine design and construction programs and was responsible for research and development submarines, submarine escape and rescue systems, and atmospheric diving systems. His flag officer assignments included Deputy Commander for Undersea Warfare and Technology at NAVSEA and Commander of the Undersea Warfare Centers before becoming NAVSEA's Chief Engineer in 2008. He has served on the National Academies Marine Board and served on the National Academies Committee on the Analysis of Causes of the Deepwater Horizon Explosion, Fire and Oil Spill to Identify Measures to Prevent Similar Accidents in the Future. RADM Eccles earned a B.S. in Electrical Engineering, M.S. in Mechanical Engineering, the professional degree of Naval Engineer, and M.S. in Management of Technology from the Massachusetts Institute of Technology.

Garth N. Graham

Member

A cardiologist, researcher and public health expert, Garth is the Director and Global Head of Healthcare and Public Health at Google Health/YouTube. He previously served in two US administrations as US Deputy Assistant Secretary for Health, and was Assistant Dean for Health Policy and Chief of Health Services Research in the Department of Medicine at the University of Florida School of Medicine. He also served as President of the Aetna Foundation as well as Vice President & Chief Community Health Officer at CVS Health. He currently sits on several boards, including the Advisory Council to the Director of the NIH, the National Academy of Sciences, Engineering, and Medicine's Board on Health Sciences Policy, and the board of the National Quality Forum. He previously served on the National Heart, Lung and Blood Institute Advisory Council.

An elected member of the National Academy of Medicine, Garth obtained his MD at Yale University School of Medicine, MPH at Yale School of Public Health, Internal Medicine at Massachusetts General Hospital and Cardiology fellowship at Johns Hopkins. He holds three board certifications including internal medicine, cardiology and interventional cardiology. He also holds an honorary doctorate of laws from Regis College and an honorary degree from the Eastern Virginia Medical School in 2021.

Edwin (ED) Levine

Member

Mr. Edwin "ED" Levine currently operates his own consulting company providing training and crisis response. He retired from NOAA after 33 years with the Emergency Response Division. He has participated locally, nationally, and internationally in hundreds of incidents involving oil spills, chemical releases, and many other various emergency responses including the Exxon Valdez and Deepwater Horizon oil spills. He provided planning and preparedness activities including training and participation on numerous committees at all levels of government, industry, and academia. He is a member of the Executive Committee of the International Spill Control Organization (ISCO). Among his many recognitions Mr. Levine received the NOAA Distinguished Career Award, three USCG Meritorious Team Commendations, and the USCG Commander's Award for Civilian Service. He received a Master of Science degree from the University of Puerto Rico in Marine Sciences and a Bachelor of Arts degree from Boston University in Coastal Environmental Sciences. Most recently he was the Vice-chair of the National Academies of Sciences, Engineering, and Medicine publication Oil in the Sea IV: Inputs, Fates, and Effects (2022).

Susan L. Santos

Member

Dr. Susan L. Santos is an internationally recognized expert in risk communication with over 40 years of experience in developing and executing risk communication plans, developing materials and facilitating risk communication training for a wide range of environmental risk and health related issues.

She is the founder and principal of FOCUS GROUP, a consultancy specializing in risk communication, health, and environmental management. Dr. Santos combines her extensive research and hands-on technical experience to aid an impressive list of federal, state and local government agencies, and private sector clients with strategic design, comprehensive implementation, and expert evaluation on a wide variety of health, safety and environmental risk and crisis communication issues that include: hazardous waste investigation and cleanup, emergency response, the risks from exposures to toxic chemicals such as perfluoroalkyl substances (PFAS), solvents, lead, radiological and biological materials. She has experience in communicating occupational health risks, and public health risks such as COVID 19, Long COVID, Ebola, H1N1, and “Mad cow disease”. Dr Santos has expertise in disaster preparedness and response, climate change and sustainability communications among others. She recently completed a project supporting the CDC in updating the guidance for investigating and communicating about cancer cluster concerns.

Dr. Santos served as the Director for Education and Risk Communication for the VA’s War Related Illness and Injury Study Center (WRIISC), in East Orange, NJ for over 20 years and subsequently served as a Senior Advisor in Education and Risk Communication for the national VA Office of Public Health and the Airborne Hazards Center of Excellence located in NJ. Dr. Santos has developed a wide range of education products for healthcare providers, Veterans and other stakeholders using platforms including webinars, podcasts and on-line curricula. Part of her curricula was made mandatory for VA healthcare providers nationwide. She also supported development of a certification program for providers in military environmental exposures with the American College of Preventive Medicine. Dr. Santos is also a qualitative research methods expert who has participated in numerous research projects. For 10 years Dr. Santos was a faculty member in the School of Public Health at Rutgers University and served as a Senior Teaching Fellow and Technical Advisor at Boston College’s Center for Corporate Citizenship.

Dr. Santos has an interdisciplinary doctorate degree in risk communication and public policy from Northeastern University. She received her graduate degree in civil engineering and public health from Tufts University, and her undergraduate degree in chemistry and sociology from Boston College. Dr. Santos previously served as a member of the National Academy of Medicine’s Roundtable on Environmental Health and served for eight years on the IOM Board on Population Health and Public Health Practice. She has served on several IOM and NRC committees and a reviewer for several NASEM reports including clinician guidance for PFAS and an equitable framework for the COVID 19 vaccine. Dr. Santos has published widely in the areas of risk communication.

Monica Wilson

Member

Dr. Wilson is based in St. Petersburg, Florida, with the UF/IFAS Extension of the Florida Sea Grant College Program and Nature Coast Biological Station. Dr. Wilson was a member of the Sea Grant Oil Spill Science Outreach Team whose focus was on the two-way transfer of science between the people whose livelihoods depend on a healthy Gulf or who are involved in the protection and management of the Gulf's coastal and marine resources. Monica started as a physical oceanographer, modelling circulation, flushing, and the impacts of tropical storms on coastal systems in the region. During her graduate tenure at the University of South Florida (USF) College of Marine Science, her research involved using numerical models as a tool to aid in the understanding of the circulation and flushing changes in the Tampa Bay Estuary during extreme events such as hurricanes and extratropical/winter storms. She investigated both short-term and long-term effects of large-scale weather events on the flow field and tidal residual circulation, as well as their cumulative impact of flushing on the bay.

In her current role, as Coastal Debris Project Coordinator for Operation TRAP (Trash Reduction for Aquatic Preserve), Dr. Wilson oversees all aspects of the project. The project focuses on prevention, removal, and research of common debris entering Florida's Gulf Coast waterways. She coordinates deployment, maintenance, and data collection of litter catchment devices. Recruits, coordinates, and supervises volunteers.

Michael H. Ziccardi

Member

Michael Ziccardi has been a part of both the One Health Institute (OHI) and the Karen C. Drayer Wildlife Health Center (WHC) since the founding of each — as a graduate student, as staff, and as a director. He received his DVM, as well as his master's degree and doctorate in epidemiology, from UC Davis. Since 1996, Michael has acted as an oil spill response veterinarian and oiled wildlife response director during more than 50 spills nationally and internationally – most notably as the Marine Mammal and Sea Turtle Group Supervisor for NOAA during the Deepwater Horizon spill in 2010. He has worked as a Contract Veterinarian for the California Department of Fish and Game/Wildlife, a Research Epidemiologist for the Lincoln Park Zoo, as both a Program Coordinator and Senior Wildlife Veterinarian for the WHC, and as faculty for the SVM. Formerly, he was the Executive Director of the OHI. Currently, he is Director of the WHC, Director for the California Veterinary Emergency Team (CVET), Head of Global Programs for the Oiled Wildlife Care Network (OWCN), and Health Science Clinical Professor in the Department of Medicine & Epidemiology.