



Joe Rozza, P.E., BCEE
Global Water Resource Sustainability Manager
The Coca-Cola Company

Mr. Rozza is the Global Water Resource Sustainability Manager for The Coca-Cola Company, responsible for Corporate Water Risk Management, Community Water Partnerships, and Coca-Cola's Water Resource Sustainability and Replenish programs across the global supply chain (23 operating units, 300 franchise bottling companies, 1,000 manufacturing plants in 200 countries). In this capacity he manages a portfolio of nearly 400 community water partnerships in nearly 100 countries and leads The Coca-Cola Company's efforts to understand and mitigate the growing water related risks to business and communities due population growth, economic development and climate change. He also leads the global Public Private Partnership with the United States Agency for International Development, which is operational in 22 countries increasing access to safe water, protecting watersheds and developing water sources for productive use.

He has extensive experience executing sustainability strategy and driving organizational alignment, governance, risk management, communications, and capability development to put sustainability on an executional footing and deliver the full value inherent in a well-designed sustainability platform. Mr. Rozza has nearly 20 years of public and private sector water resource sustainability experience and holds a degree in Environmental Engineering from the University of Central Florida and is a registered Professional Engineering; he is also Board Certified by the American Academy of Environmental Engineers.



Aaron T. Wolf, Ph.D.

Aaron T. Wolf is a professor of geography in the College of Earth, Ocean, and Atmospheric Sciences at Oregon State University. His research and teaching focus is on the interaction between water science and water policy, particularly as related to conflict prevention and resolution. He has acted as consultant to the US Department of State, the US Agency for International Development, the World Bank, and several governments on various aspects of transboundary water resources and dispute resolution. He is author of *Hydropolitics Along the Jordan River: The Impact of Scarce Water Resources on the Arab-Israeli Conflict*, (United Nations University Press, 1995), and a co-author of *Core and Periphery: A Comprehensive Approach to Middle Eastern Water*, (Oxford University Press, 1997), *Transboundary Freshwater Dispute Resolution*, (United Nations University Press, 2000), and *Managing and Transforming Water Conflicts* (Cambridge University Press, 2009). Wolf, a trained mediator/facilitator, directs the Program in Water Conflict Management and Transformation, through which he has offered workshops, facilitations, and mediation in basins throughout the world. He coordinates the Transboundary Freshwater Dispute Database, an electronic compendium of case studies of water conflicts and conflict resolution, international treaties, national compacts, and indigenous

methods of water dispute resolution (www.transboundarywaters.orst.edu), and is a co-director of the Universities Partnership on Transboundary Waters.

John W. Groninger, Ph.D.

John Groninger is a Professor in the Department of Forestry at Southern Illinois University Carbondale where he teaches and conducts research in silviculture, agroforestry and urban forestry. He also serves as Director of International Programs for the College of Agricultural Sciences at SIUC. He has been working in Afghanistan since 2005, first providing a program evaluation of the Forestry program at Balkh University. From 2008-2010 he worked as part of the Natural Resources Management team of the USAID-funded Afghanistan Water Agriculture and Technology Transfer Project. This work included watershed assessment, reforestation planning and watershed management training. Clients included Afghan government employees, U.S. civilian and military agriculture field personnel in several provinces, and embassy staff in Kabul. Presently he is engaged in training US personnel preparing for work in Afghanistan through the USDA Foreign Agriculture Service-funded Agriculture Development for Agriculture Pre-Deployment Training,

Colonel Johnny H. Isaak
Nevada Army National Guard

Colonel Johnny Henry Isaak entered the National Guard in June 1980, when he enlisted as a Private First Class in the 1st Squadron, 116th Armored Cavalry Regiment of the Idaho Army National Guard.

Since his initial enlistment, Colonel Isaak has served in a variety of assignments and positions in the Idaho and Nevada National Guards. His first tour of duty was with the Idaho Army National Guard, where he served as an Armor Crewmen and Tank Section Leader in the 1st Squadron, 116th Armored Cavalry Regiment and culminated with service as a Master Gunner and Instructor during the start up of the Reserve Component Tank Commanders Course at Gowen Field, Idaho.

In 1986, then Sergeant First Class Isaak enlisted in the Nevada Army National Guard as a Company Master Gunner and Unit Readiness NCO of Company A, 1st Battalion, 221st Armor in Las Vegas, Nevada. In 1988, Colonel Isaak graduated as a Distinguished Military Graduate from the Officer Candidate School at Fort Benning, Georgia, receiving a commission as a Second Lieutenant of Armor. Colonel Isaak then returned to the 1-221st Armor, where he served as the Battalion Support Platoon Leader, the Assistant Operations Officer, and the Commander of Headquarters and Headquarters Company.

In 1996, Colonel Isaak served as the S1 for the State's Troop Command and as the Secretary to the Chief of Staff for the Nevada Army National Guard. In 1998, Colonel Isaak was reassigned to the Troop Command as the Battalion Operations Officer and then to the United States Property and Fiscal Office as the Logistics Officer.

Colonel Isaak assumed command of 1st Squadron, 221st Cavalry in July 2003, as the 5th OPFOR Commander of the Wild Horse Squadron. During his command, the Squadron spent 21 months deployed to Fort Irwin, California as the National Training Center's Opposing Force where they trained Active and Reserve Component Brigade Combat Teams, Special Forces Units, Navy SEAL Teams, and Marine Battalions deploying to Iraq and Afghanistan.

Colonel Isaak commanded the Nevada Agribusiness Development in eastern Afghanistan building legitimacy and support for the Afghan government during Operations Enduring Freedom X, XI, where his Team completed over 118 mission and 92 development and capacity building projects with the Afghan people.

Colonel Isaak has been the Director of Personnel, the Director of Joint Operations and is currently serving as the Chief of Staff of the Nevada Army National Guard at the Nevada National Guard Joint Force Headquarters in Carson City, Nevada.

Colonel Isaak is a graduate of the Advanced Noncommissioned Officer Course, the Army Master Gunner Course, the Armor Officer Basic Course, the Armor Officer Advance Course, the Combined Arms and Services Staff School, the Command and General Staff College, and is attending in the U.S. Army War College. Colonel Isaak's awards include the Bronze Star, the Meritorious Service Medal (with 4 Oak Leaf Clusters), the Army Commendation Medal (with 3 Oak Leaf Clusters), the Army Achievement Medal (with 5 Oak Leaf Clusters), the Good Conduct Medal, the Nevada Distinguished Service Medal, and the combat action badge. Colonel Isaak resides in Carson City, Nevada with his wife Annie and their daughter Mia.

Dr. David C. Ellis

Dr. Ellis is the lead of USSOCOM JICSOC's Socio-Cultural Awareness Section. He holds Bachelor's degrees in International Studies and Spanish from Jacksonville University, a Master's degree in International Development with a specialization in International Marketing from The George Washington University, and a doctorate in International Relations and Comparative Politics from the University of Florida. Dr. Ellis has been studying and teaching about democratization and development in identity conflicts for nearly two decades.

Dr. Ellis joined USSOCOM in 2009 as a Human Terrain Analyst for Afghanistan. He deployed to Afghanistan in August 2010 for 8 months where he worked in the CFSOCC-A J2 in Kabul and in the SOTF-S S9 in Kandahar. Dr. Ellis helped design and implement the SOTF-S Civil-Military Operations plan, and he worked closely with SOF, RC-South, TF Raider, and the Regional Platform on development and governance planning.



Jon Freedman, Global Government Relations Leader, GE Water & Process Technologies

Jon Freedman is GE Water & Process Technologies' Global Government Relations Leader based in Washington, DC.

Freedman is a recognized expert and frequent speaker on water policies. He has recently spoken on water issues at conferences in China, Australia, Saudi Arabia, Europe, and the United States. He also serves on the Board of Directors of the WaterReuse Association, and chairs its National Legislative Committee. In that capacity, Freedman helps set the Association's legislative agenda and leads visits with government officials to advocate for greater water reuse.

Freedman joined GE more than ten years ago as a Business Development Leader with GE Energy, where he was responsible for growing GE's global water business. He initiated what turned out to be three of the five acquisitions that GE made over a several year period to create what today is one of the world's leading advanced water treatment companies with more than 8,000 employees in 130 countries around the world.

Before joining GE, Freedman worked in various senior leadership roles for Suez Water, both in the United States and in Paris, France. His roles included Vice President & General Counsel for Suez Water's US real estate business unit, and Director of Business Development for the Western US.

Freedman earned a BA from the University of Virginia, a JD from William & Mary Law School, and an MBA in Finance from The Wharton School of the University of Pennsylvania.



Alicia Altagracia APONTE, M.S.

Alicia A. Aponte leads the energy-water analysis for GE Energy's Global Strategy and Planning team. She is responsible for tracking and analyzing global energy-related water usage trends and policy developments. Alicia recently developed an analytical tool to model global thermoelectric power-related water requirements that can be used to evaluate the impact of different power generation decisions on future water demand. She also created a model to forecast the water footprint associated with unconventional fuels development.

Prior to joining GE, Alicia specialized in analyzing sectoral energy trends. She has extensive international energy experience, including three years as a Researcher at the Asia Pacific Energy Research Centre (APERC) in Tokyo, Japan. During her time at APERC, she analyzed energy supply and demand data and notable energy policy developments for economies in North and Latin America, Northeast and Southeast Asia, and Oceania. Specifically, she identified and evaluated trends in energy consumption, imports/ exports, and their implications for energy supply security.

Alicia is editor and contributing author of *Energy Efficiency in the APEC Region: The Power Sector*; *Urban Transport Energy Use in the APEC Region: Benefits and Costs*; and *A Quest for Energy Security in the 21st Century: Resources and Constraints*. She earned her B.S. and M.S. degrees from Stanford University.



Charles Iceland, CFA, M.A.

Charles Iceland, CFA is a Senior Associate with WRI's Markets & Enterprise Program. Charles currently manages the Aqueduct Alliance. The Aqueduct project, currently in development by WRI in partnership with General Electric, Goldman Sachs, the Skoll Global Threats Fund, The Coca-Cola Company, Talisman Energy, Bloomberg, The Dow Chemical Company, United Technologies, DuPont, John Deere, and the Dutch Government, is a database and set of practical tools that will enable the private sector to better map, assess, and manage water risk at the sub-basin level; the public sector to develop more effective investment programs and policy reforms; and the investment community to more accurately assess companies' water risks.

Charles previously partnered with several major multinational corporations, including Mondi Group, Rio Tinto, Akzo Nobel, and BC Hydro, to develop, road test, and apply an innovative methodology for assessing corporate risks and opportunities stemming from ecosystem change.

He is author or contributing author of The Corporate Ecosystem Services Review; Ecosystem Services: A Guide for Decision Makers; Identifying Important Ecosystem Goods & Services in Puget Sound; and Trees in the Greenhouse: Why Climate Change is Transforming the Forest Products Business.

Charles previously worked at the World Environment Center, where he developed innovative supply chain environmental management pilot programs for Alcoa, Johnson & Johnson, Dow Chemical, and General Motors. Prior to this, he worked at the Office of the United States Trade Representative, the United States House of Representatives, and the Peterson Institute for International Economics. He also worked in the banking and finance sector for several years and is a Chartered Financial Analyst (CFA). Charles earned his undergraduate degree from Yale University and a master's degree in international affairs from Columbia University.



LtCol Rick Schilke, USMC, M.S.

LtCol Rick Schilke is the Requirements and Technology Team Lead, Marine Corps Expeditionary Energy Office (E2O). An F/A-18D Weapons Systems Officer, he served in four F/A-18D squadrons and flew combat missions in Serbia, Kosovo, and Iraq. In early 2012, he served as the E2O Liaison to Regional Command (Southwest), Helmand Province, Afghanistan. A U. S. Navy Fighter Weapons School (TOPGUN) graduate, he holds a B.S. in Oceanography from the U. S. Naval Academy and an M.S. in Engineering and Environmental Management from the Air Force Institute of Technology. His personal awards include the Meritorious Service Medal, Strike Flight Air Medal with numeral 7, and the Navy and Marine Corps Commendation Medal with Gold Star and Combat V



Dr. Jack Medlin has more than 35 years of experience as a geoscience professor, research geologist/geochemist, science program branch chief, regional geologist, and international geoscience specialist. The last 30 years have been with the U.S. Geological Survey where he served as a research geologist/geochemist, geoscience program developer, implementer, regional geologist responsible for coordination of USGS geoscience programs with 26 state geological surveys, and international program specialist for the Asia-Pacific region for which he is responsible for the development, facilitation, and coordination of USGS scientific programs with 48 countries, international organizations (UNDP, UNEP, UNICEF, UNESCO, ESCAP, ADB, WB, SOPAC, CCOP, etc), and a plethora of U.S. Government agencies (USAID, BLM, OSM, DOE, EPA, FS, DOS, etc.).

During the past 15 years, Dr. Medlin has been responsible, within USGS, for: 1). development and management of programs and projects in Japan, Korea, China, Mongolia, Indonesia, Vietnam, Bangladesh, India, Nepal, Pakistan, and most recently, Afghanistan; 2) negotiation, development and coordination of USGS Memoranda of Understandings (MOUs) and Project Annexes with Japan, Korea, China (4), Mongolia, Indonesia (2), New Zealand, Australia, and India; 3) coordination of USGS international activities focused on energy, minerals, hazards (earthquakes, landslides, flooding), coastal and marine geoscience, environmental studies related to energy and minerals, water and biological resources, and geography in numerous countries within the Asia-Pacific region; and 4) hosting, organizing, and coordinating visits and training of counterpart scientists from Japan, Korea, China, Mongolia, Philippines, Thailand, Vietnam, Indonesia, Australia, Bangladesh, India, Nepal, and Pakistan. He has been the program manager for all USGS activities in Afghanistan for the past 8 years.



Charles A. Mouzannar, PE

Mr. Mouzannar is Executive Vice President of Construction for AMEC's Environment & Infrastructure Division. He is also responsible for engineering and consulting services across Africa, Asia, Australia, New Zealand, and the Pacific where AMEC delivers projects in the mining, water, infrastructure, government, Oil and Gas, and Environmental sectors.

Mr. Mouzannar has over 25 years experience managing projects across the world including the continental US, Afghanistan, Iraq, Guam, Curacao, Romania, Qatar, and Japan. In Afghanistan, AMEC has provided infrastructure and facilities assessments at over 400 sites and designed and constructed several major projects including the Afghan National Security University Phase 1 and the Kabul Military Training Center Phases 1 and 2. Having successfully delivered major projects across the world, he provides specific strategies to overcome the multitude of cultural, technical, and logistical challenges common to major international construction works.

Mr. Mouzannar is a Licensed Civil Engineer in the State of Pennsylvania, and serves on various boards including the Society of American Military Engineers Philadelphia Post and Widener University Engineering School's Advisory Board.



John H. Kiefer, Ph.D., P.E., P.W.S.

AMEC Environment and Infrastructure, Inc. Principal Water Resources Engineer

Dr. John Kiefer has more than 21 years experience in environmental engineering and restoration ecology related disciplines. His dual training and experience as an environmental engineer and restoration ecologist enable him to cost-effectively and creatively work with multidisciplinary teams to excel at the assessment, design, and permitting of projects where water resources greatly affect environmental and economic outcomes. His experience includes significant project assignments planning, designing and permitting surface mine reclamation for mine operators. Dr. Kiefer's work for the public sector often centers on high-profile projects with conflicting stakeholder viewpoints, and where the approaches require creativity or new capacity-building to be successful.

Dr. Kiefer emphasizes carefully-considered applications of advancements in science and technology as part of the solution to complex distributional disputes. When necessary, he has helped achieve success by developing new techniques or science and he has pioneered new technological approaches to stream restoration construction, has co-developed a new stream classification system for Florida's wide variety of fluvial forms, has worked on new approaches for ambient water quality protection and assimilative capacity determinations for TMDLs and numeric nutrient criteria, and has designed precedent-setting and award-winning surface mine reclamation plans.

Dr. Kiefer also emphasizes open and honest communication and educates the public in a variety of ways. He has authored or co-authored numerous well-received technical reports including peer-review journal articles and a book chapter and is an invited speaker at multiple conferences. He has co-instructed courses including Restoration of Southeastern Coastal Plain Uplands and Wetlands (University of Maine/Humboldt Institute) and a U.S. Army Corps inter-governmental workshop on Stream Investigation, Stabilization and Restoration. Dr. Kiefer has special training (MIT short-course) and experience in mutual gains negotiations, furthering his ability to help move complex projects forward. He has chaired expert panels. Dr. Kiefer has provided much credited expert testimony in judicial procedures and is qualified as a trial expert in fluvial geomorphology, hydrology & hydraulics modeling, ecosystem restoration, wetland mitigation, stream restoration, water quality, environmental engineering, and engineering cost estimation.



Thomas L. Crisman

Thomas L. Crisman is a broadly trained aquatic ecologist specializing in ecohydrology, climate change projections and responses, and sustainable management of water resources in subtropical and tropical landscapes. Prior to joining the University of South Florida in 2007, he was professor of Environmental Engineering Sciences at University of Florida for 30 years and director of the Howard T. Odum Center for Wetlands for 10 years. His long term research program in the Balkans and Greece focuses on watershed management, transboundary water issues and landscape responses to long term over exploitation of groundwater resources. He has been a Fulbright scholar in Greece and Turkey regarding water resources, team leader for a UNDP assessment of water use and the sustainability of the Azraq Oasis in Jordan, and consultant to the State Department on water management in Greece, the Balkans and the Middle East.



MAJ Thomas M. Hanlon

Instructor: Department of Geography & Environmental Engineering
United States Military Academy, West Point, NY

M.S. (Geography) Oregon State University

B.A. (Geology) University of Montana

Previous Assignments:

Company Commander, HHC, 1st Battalion, 9th
Infantry Regiment, 2nd Brigade, 2nd ID, Fort
Carson, CO / Ramadi Iraq, 2006-2008

Ranger Instructor, 5th Ranger Training Battalion, Dahlonge, GA 2005-2006
Battalion Training Officer / Battle Captain (deployed), 1st Battalion, 75th
Ranger Regiment, Hunter Army Airfield, GA / Afghanistan, 2004

Ranger Platoon Leader, B Company, 1st
Battalion, 75th Ranger Regiment, Hunter Army
Airfield, GA / Iraq, 2003

Rifle Platoon Leader, A Co, 2nd Battalion,
14th Infantry Regiment, 2nd Brigade, 10th
Mountain Division, Kosovo / Fort Drum,
NY, 2002

Anti-Tank Platoon Leader, HHC, 2nd Battalion,
14th Infantry Regiment, 2nd Brigade, 10th
Mountain Division, Fort Drum, NY / Kosovo,
2001

Infantryman, C Co, 4th Battalion,
325th Airborne Infantry Regiment, Fort Bragg,
NC, 1993-1996

Major Tom Hanlon is a Foreign Area Officer assigned to the Sub-Saharan Africa region. He began his career as an enlisted Soldier serving in the Infantry and later commissioned as an Infantry officer. He has extensive operational experience serving for extended periods in a variety of environments to include Sinai, Kosovo, Iraq and Afghanistan. His graduate research examined the effects of acid mine drainage (AMD) in critical watersheds of South Africa. His academic interests include environmental security issues, water resources management, migration topics, and international development. Tom teaches the Geography of Africa and Physical Geography courses.



Dr. Laura Jean Palmer-Moloney

Dr. Laura Jean Palmer-Moloney is a Senior Research Geographer for the U.S. Army Corps of Engineers, Engineer Research & Development Center (ERDC) in Alexandria, VA and is an adjunct faculty member of the USF College of Public Health's Department of Environmental and Occupational Health.

Moving from her career as an established geography professor, Dr. Palmer-Moloney joined US Government service first as a Visiting Research Scientist with the National Geospatial-Intelligence Agency and then as a federal employee with USACE in 2009. At that time she began her study of the Helmand River watershed. In her role as civilian employee of the Dept of Defense, Dr. Palmer-Moloney served as the principal investigator for the "Civil-Military Operation/Human-Environment Interaction" USACE ERDC work package and was a lead research scientist in the Pentagon's "Helmand Deep Dive" strategic multi-layered assessment on Afghanistan. From 2011-2012 she deployed to Afghanistan as Senior Advisor on Watershed Management to the Commander of Regional Command (Southwest). As such, she served on the Stability Operations staff, Camp Leatherneck, Helmand Province, AF.

Dr. Palmer-Moloney has authored numerous publications, including "Water's role in measuring security and stability in Helmand Province, Afghanistan" *Water International*, 36 (3), 2011: 207-221; "Water as Nexus: Linking U.S. National Security to Environmental Security," *Journal of Military Geography*, 1 (1), 2011: 52-65; (with K. U. Duckenfield) "Water Insecurity, Human Dynamics, and COIN in the Sistan Basin," in *Socio-Cultural Dynamics and Global Security: Interdisciplinary Perspectives on Human Geography in an Era of Persistent Conflict*, eds. Robert Tones and Christopher Tucker (In Press. US Geospatial Intelligence Foundation); and (with Dr. A. O. Dehgan) "Water Security and Scarcity: Potential Destabilization in Western Afghanistan," in *Perspectives on Political and Social Stability Impacted by Global Crises—A Social Science Context* (Strategic Multilayer Assessment and US ACE ERDC, 2010).



Kea U. Duckenfield, Ph.D

Dr. Kea Duckenfield works on environmental security issues in the U.S. Department of Defense. Prior to joining DoD she oversaw the Atmospheric Composition and Climate program in the Climate Program Office of the National Oceanic and Atmospheric Administration from 2003-2007. As an Environmental Protection Agency Science To Achieve Results graduate research fellow (1998-2001) she studied how the physical properties of sediment coatings control the uptake and release of dissolved copper in estuarine environments, while investigating the fate and transport of zinc in tire-wear particles as a U.S. Geologic Survey volunteer. She completed her Ph.D in marine science at the College of William and Mary School of Marine Science in 2002. Earlier research includes the mobility of dense nonaqueous phase liquids in aquifers as a visiting faculty fellow with the Air Force Office of Scientific Research; marine sedimentology; geologic and hydrologic field mapping; and SONAR mapping and geochemical analysis of carbonate cements in the Oregon-Washington margin.

Mohsen M. Milani

Mohsen M. Milani is Professor of Politics and the Executive Director of the Center for Strategic and Diplomatic Studies at the University of South Florida in Tampa. Prior to that, he served as Chairman of the Department of Government and International Affairs at the University of South Florida from 1998 to 2011.

He was born in Tehran, and moved to the U.S. in his early teens. He completed his high school in California, and earned a Ph.D. in Political Science from the University of Southern California.

He has served as a research fellow at Harvard University, Oxford University's St. Antony's College, and the Foscari University in Venice, Italy. His advice regarding Iran, Iraq, Afghanistan, Pakistan, and the Persian Gulf has been solicited by private and governmental entities. In the past decade, he has lectured at more than one hundred conferences in twenty five different countries.

Professor Milani has written more than sixty academic articles and book chapters about the Persian Gulf and Iran's foreign and security policies. His book, *The Making of Iran's Islamic Revolution*, has been used as required reading in many universities in the U.S., Europe, Japan, Canada, and Iran. His latest publications include "Iran and Saudi Arabia Square off" (Foreign Affairs), "Meet Me in Baghdad: Iran's Policy Toward Iraq" (Foreign Affairs); "Tehran's Take: Iran's US Policy" (Foreign Affairs), "Iran and Afghanistan," in *Iran Primer*, U.S. Institute of Peace Press, "Iran's Persian Gulf Policy" in *Contemporary Iran*, Oxford University Press, "Iran's policy toward Iraq in Iraq" in *Iraq, Its Neighbors, and the United States*, US Institute of Peace Press, "Iran-Iraq Relations during the Pahlavi Era, 1921-79" and "The Tehran Hostage Crisis 1979," both in *Encyclopedia Iranica*, and "Iran's Policy Toward Afghanistan," in *Middle East Journal*.

Among others, he has been interviewed and quoted in, *The New York Times*; *The Washington Post*; *The Wall Street Journal*; *USA Today*; *The Christian Science Monitor*; *The Los Angeles Times*; *The Atlantic*; *Forbes*; *The Economist* (UK); *BBC World News*; *Der Spiegel*; *Le Monde*; *CNN*; *ABC Nightline*; *Al Jazeera TV*; *Fox News*; *National Public Radio*; *Voice of America*; *The Guardian* (UK); *Chuo-Koron* (Japan); *The Toronto Star*; *Avvenire* (Italy); *Rheinischer Merkur* (Germany); *Publico* (Portugal); *Nepszabadsag* (Hungary); *Chunichi Newspaper* (Japan); *Il Riformista* (Italy); *Globo News* (Brazil); *Interpress*; *LinkTV*; and more than 20 Persian language magazines.

He is the Book Series Editor on "Governance and International Relations in the Middle East" for the University of Florida Press. He is currently working on a book project about Iran's regional policies.



Adib Farhadi

Mr. Farhadi maintains more than a decade of progressive and diversified experience in different dimensions of conflict prevention, post-conflict reconstruction, economic development, and counterinsurgency. He has progressively held high levels of responsibility related to strategic coordination, policy planning, and monitoring and evaluation involving a range of international actors, including the Government of Afghanistan, United Nations, international financial institutions, bilateral donors, the military, and civil society organizations. As Deputy Minister of Commerce (June 2008 – March 2010), he served as the Government of Afghanistan's Chief Trade Negotiator for WTO accession talks, as well as for the successful Afghanistan-Pakistan Transit and Trade Agreement.

Mr. Farhadi has further managed a large national government office (more than 250 staff) for the development of national development, governance, and security sector reform strategies working closely with multilateral and bilateral partners. As Head of the Joint Coordination and Monitoring Board for the Afghanistan Compact, as well as Executive Director of the Afghanistan National Development Strategy, he led a team in the analysis, design, implementation, and monitoring and evaluation of Afghanistan's counterinsurgency strategic framework.

Mr. Farhadi combined a unique set of communications, analytical, writing, and managerial skills in development of policy papers and organization of international consultations – including international conferences in Tokyo 2002, Berlin 2004, Kabul 2004, London 2006, New Delhi 2006, Berlin 2007, New York 2007, Rome 2007, Tokyo 2008, Islamabad 2008, and Paris 2008 – towards the implementation of the national counterinsurgency strategy.

Moreover, in conjunction with Provincial Reconstruction Teams in Afghanistan, he has provided authoritative advice, guidance, and technical assistance to provincial government officials, with

an emphasis on teaching, coaching, and mentoring, to develop and strengthen sustainable capacity in the core competencies needed to successfully carry out governance responsibilities at the sub-national level. In this regard, Mr. Farhadi maintained close working relationships with military counterparts in the provinces to ensure coordination, information sharing, and integration of capacity development activities. He further led the High-Level Secretariat of the Afghanistan National Skills Development Program and Afghanistan Supreme Council on Water, served as an economic adviser to the Office of H.E. President Hamid Karzai, and was recognized by the United Nations for his efforts to champion the UN Millennium Development Goals in Afghanistan. His general policy research and expertise include the intersection of counterinsurgency, the role of Provincial Reconstruction Teams in Afghanistan recovery efforts, and priority economic policies and implementation of key programs to stabilize Afghanistan. In sum, Mr. Farhadi's diverse experience, networks, and knowledge have prepared him to contribute to policy, strategy and research on the conflict-security-development nexus in Afghanistan and other fragile and conflict-affected states. He received a Masters Degree at New York University and a Bachelors Degree at East Carolina University.



Brad Pupello, M.A.

Brad Pupello is a senior Human Terrain Analyst for Socio-Cultural Intelligence Analysis (SCIA, LLC), currently serving USCENTCOM, Afghanistan-Pakistan Center, Human Terrain Analysis Branch. He most recently completed a deployment to Kabul Afghanistan for HQ-ISAF where he pioneered district level reintegration initiatives presenting a holistic model of grievance resolution, human geography mapping, and sustainable economic development to offset insurgent influence over specific population groups. Prior to his time at USCENTCOM, Brad served eight years of active service as a United States Marine. He received the Naval Commendation Medal with Combat Valor distinction for his actions supporting 2d Light Armored Reconnaissance Battalion during Operation Kanjari Helmand Province, Afghanistan during the summer of 2009. He is an Arabic and Pashto linguist, with a Masters of Arts in Diplomacy from Norwich University and a Bachelor of Arts in Legal Studies from the University of Central Florida.



Sylvia Lee, M.S.

Sylvia Lee has over thirteen years of work experience in the water sector. She currently leads the Skoll Global Threats Fund's work on Water Security. She most recently worked as a Water Resources Specialist for the South Asia Region of the World Bank based in Kathmandu, Nepal. Her work at the World Bank focused on transboundary water issues and climate change adaptation & resilience building for vulnerable communities.

Prior, Sylvia was with the World Economic Forum based in Geneva, Switzerland, serving most recently as Associate Director, Environmental Initiatives, where she led the World Economic Forum's Water Initiative. Her work focused on raising awareness of the global water challenge and engaging the private sector in water.

Sylvia has also worked as a consulting engineer on water and sanitation design and construction projects in the United States and the United Kingdom.

Sylvia received her Master's in Environmental Engineering from the Massachusetts Institute of Technology and her Bachelor's in Civil Engineering from McGill University.



GREG ALLGOOD, MSPH, Ph.D.

Dr. Greg Allgood is the Director, Children's Safe Drinking Water at Procter & Gamble and Senior Fellow in Sustainability. Dr. Allgood has been with P&G for 25 years and leads P&G's efforts to provide safe drinking water in the developing world. He has a PhD in Toxicology from North Carolina State University and a Master of Science in Public Health from the University of North Carolina – Chapel Hill, where he did research in the water area.

In 2012, Dr Allgood was named as one of top 100 marketers in the world by Internationalist Magazine for helping to shape P&G's global image. In 2009, he won the World Technology Award for the Environment and the Making a Difference Award from the Possible Woman Association. In 2008, he was named as an Internationalist of the Year by Internationalist Magazine for helping shape P&G's global image and received the Breakthrough Innovation Award from Popular Mechanics. In 2007, he received the Strategic Vision Award from the Center for Strategic and International Studies (CSIS), and International Health Communication Gold Medallion from Johns Hopkins University's Center for Communication Programs. He won the American Express Members Project for his entry on safe drinking water in 2007 resulting in \$2 million for UNICEF to provide safe drinking water. He was recognized as Distinguished Alumnus of the Year in 2006 from his alma mater, the Department of Environmental Sciences and Engineering at UNC-Chapel Hill.

In 2009, the CSDW program that Dr. Allgood leads received the Humanitarian Award from Action Against Hunger and the Global Citizen Award from US Doctors for Africa. In 2007, the CSDW program received the Ron Brown US Presidential Award for Corporate Citizenship, the United Nations Association Global Leadership Award, the Grainger Challenge Bronze Award for Sustainability, and the EPA Children's Health Excellence Award.

Dr Allgood is chair of the advocacy communications working group of WHO's International Network to Promote Household Water Treatment. He is a frequent lecturer on public private partnerships, sustainability, and safe drinking water in the developing world.

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Melanie Nakagawa, JD, M.A

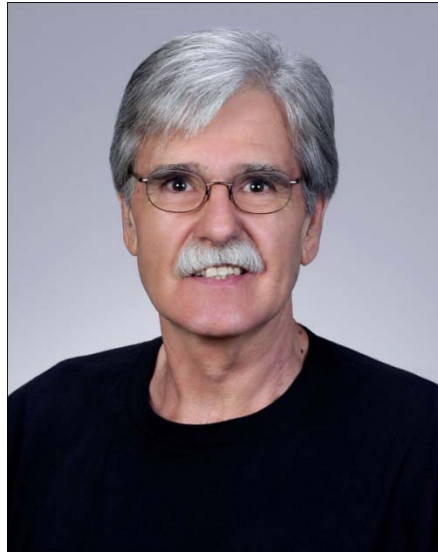
Melanie Nakagawa serves as the Senior Energy/Environment Counsel on the United States Senate Foreign Relations Committee where she handles energy, environment, climate change, and water issues for Chairman John Kerry. She analyzes and drafts legislation in these areas and represents the Committee at international negotiations and other official venues. Her responsibilities include overseeing foreign policy activities within the Departments of State and Treasury and the United States Agency for International Development. She is also the author of a Committee report addressing the water scarcity issues in Central and South Asia titled, *Avoiding Water Wars: Water Scarcity and Central Asia's Growing Importance for Stability in Afghanistan and Pakistan*.

Prior to joining the Senate, Ms. Nakagawa was attorney with the International Program of the Natural Resources Defense Council (NRDC) in Washington, DC. She served as NRDC's lead representative at several international negotiations and meetings. She was also the director of NRDC's Global Safe Water Project promoting U.S. leadership in addressing water security in developing countries. Ms. Nakagawa earned a law degree and master's degree in international affairs from American University. She also received a Bachelor of Arts from Brown University.



Swathi Veeravalli

Swathi Veeravalli is a physical/social scientist at the Engineer Research and Development Center of the U.S. Army Corps of Engineers, where she focuses on human-environment complexities and the impacts of climate variability in structuring those relationships. She worked for several years in the Washington DC metropolitan area in issues related to international development, youth engagement and grass-roots advocacy. Swathi holds a masters degree in Water Science, Policy & Management from the University of Oxford. At Oxford, her area of research focused on identity and peri-urban water and concluded with fieldwork in Kenya and Botswana. Swathi also holds a BA in International Affairs with a concentration in African Politics and Development from the George Washington University



Thomas J. Mason, Ph.D.
Professor, Department of Environmental and Occupational Health
College of Public Health, University of South Florida (USF)

Dr. Mason was commissioned in the U.S. Public Health Service in 1967, and served his first tour at the CDC (1967-1969). He was attached to the Community Pesticides Program. This was Dr. Mason's introduction to Environmental Medicine and Toxicology. **He served Intermittent Tours of Active Duty at the rank of CAPT (O-6) from 1987 – 2001 at the NCI/NIH, Division of Cancer Epidemiology and Genetics, and post 9/11 was activated to serve at the CDC, National Center for Environmental Health/Agency for Toxic Substances and Disease Registry (2001 - 2010).** Over these 40 plus years, Dr. Mason has come to be recognized internationally in his chosen field of Environmental Epidemiology. He led the team at the National Cancer Institute which published our nation's first 'Atlas of Cancer Mortality for U.S. Counties'. This contribution to our understanding of the role that environmental exposures/contaminants play in disease prompted a number of countries worldwide to pursue research to determine 'local determinants' of disease(s). He has served, and continues to serve on scientific advisory boards addressing environmental concerns. He also holds Joint Professorships in the USF College of Medicine, Department of Internal Medicine, Divisions of Medical Ethics and Humanities and Global Emergency Medical Sciences.

Prior to joining the graduate faculty at USF, Dr. Mason held academic appointments as Adjunct Professor at Georgetown University School of Medicine, Divsn of Biostatistics and Epidemiology, Thomas Jefferson University Medical College, Divsn of Environmental Medicine and Toxicology, Temple University School of Medicine, Dept of Family Medicine and Community Health, and at the University of Pennsylvania School of Medicine, Dept of Medicine.

Dr. Mason was the Co-Director of the Homeland Security for Medical Executives Course (**HLSMEC**) in partnership with the Defense Medical Readiness Training Institute (2004 – 2007). This course was designed to train senior medical officers (O4 – O6) for Command and Senior Staff positions, as well as civilian executive medical managers, in support of the National Response Plan (NRP)/ National Response Framework (NRF). **Between 15 March and 15 August of 2002 he led the team which: developed Florida's preparedness plan; addressed a statewide laboratory capacity strategic assessment, which included surge capacity; and developed a 'template' for Florida's Smallpox Preparedness Plans.**

Dr. Mason was appointed to the **Armed Forces Epidemiological Board/ Defense Health Board effective September 2006. He served from 2006 – December 2010.** He has been selected to serve as a Public Member of the Board of Directors for the American Board of Disaster Medicine. In 2008 he was invited to join the **Interstate Chemical Terrorism/ Threats Working Group.** He also serves as an **Associate Dean of the International Center for Pre-hospital and Disaster Medicine.**

Dr. Mason serves as a member of the **Aerospace Medicine Residency Advisory Committee, Naval Operational Medicine Institute, Naval Air Station Pensacola,** as well as a member of the Science Advisory Board, Robert E. Mitchell Center for Prisoner of War Studies. He was recently appointed as a Senior Scientific Advisor to the Joint Forces Command, Joint Center for Operational Analysis. **He has served as a Member of the Public Private Outreach Working Group, USCENTCOM.** Dr. Mason has held appointments at the Armed Forces Institute of Pathology as a Visiting Scientist, as well as, Adjunct Professor in the

Department of Preventive Medicine and Biometrics, Uniformed Services University. One of his professional goals is to expand the University of South Florida's education and training programs for the Uniformed Services. To this end he has trained officers from the tri-services at both the Master's and Doctoral level.

Dr. Mason is identified as the point of contact on current USF Memoranda of Understanding with **USCENTCOM, NORAD-USNORTHCOM, USJFCOM, the Pacific Disaster Center/ East-West Center, as well as, the Navy and Marine Corps Public Health Center.**

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