



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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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.



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.



KENT HUGHES BUTTS

KENT HUGHES BUTTS is Professor of Political Military Strategy and the Director of the National Security Issues Group at the Center for Strategic Leadership, U.S. Army War College. His research focuses on the role of natural resources in national security and his doctoral work was on strategic minerals and South Africa's mineral industry. A graduate of the U.S. Military Academy, he holds a Master's Degree in Business Administration from Boston University, an M.A. and Ph.D. in Geography from the University of Washington, and was a John M. Olin Post-Doctoral Fellow in National Security at the Center for International Affairs, Harvard University. He is a graduate of the Command and General Staff College at Fort Leavenworth and the U.S. Army War College, and formerly held the Army War College George C. Marshall Chair of Military Studies. Dr. Butts has travelled widely in Southern Africa conducting research on strategic minerals and has organized and conducted international conferences, workshops or games on natural resources and security in the Middle East, Europe, Asia and Latin America. He headed the U.S. delegation and co-chaired the NATO Environmental Security Pilot Study Meetings in Warsaw and Prague, and was a member of the U.S. delegation to the OSCE Economic Forum (Prague). He has been interviewed by the BBC, Time Magazine, Washington Post, Baltimore Sun and other media and twice testified before Congress on the topic of Climate Change and Security. Dr Butts participated in the 2011 Defense Science Board Climate Change and Security Study. He is author or editor of numerous national security publications, and co-author of the book, *Geopolitics of Southern Africa: South Africa as Regional Superpower*, and co-editor of the book *Economics and National Security: the Case of China*.



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



Charles T. Alexander, International Agricultural Development and Marketing Consultant

Mr. Alexander served as the Senior Agricultural Advisor to the U.S. Central Command in Tampa, FL until recently. Prior to this he was the Deputy Administrator – Office of Foreign Service Operations for the Foreign Agricultural Service of the U.S. Department of Agriculture, the highest level career position in the Agency. He was on the Agency's senior management team and responsible for all 99 FAS overseas offices, their 450 staff and \$55 million budget. His previous position was Deputy Administrator - Office of Country and Regional Affairs where his responsibilities included supervision and oversight of 55 professional staff, preparation and support for all Secretarial international travel and meetings, development of policy and recommendations on bilateral issues and relationships, and monitoring, reporting and interpreting the agricultural, economic, social, political and cultural situation for all U.S. agricultural trading partners.

Mr. Alexander is a career member of the Senior Foreign Service with 36 years of government service. His previous Washington assignments include Assistant Deputy Administrator – International Operations, Foreign Agricultural Affairs; Director, AgExport Services Division; Deputy Director for Marketing, Dairy, Livestock and Poultry Division; Marketing Specialist, Dairy, Livestock and Poultry Division; Rice Analyst, Grain and Feed Division; and, International Economist, Program Development Division, Export Credits. With FAS he has served overseas assignments as Agricultural Attaché in Manila, Philippines and Lagos, Nigeria; Agricultural Trade Officer in Seoul, Korea; and, Agricultural Counselor in Manila, Philippines and Jakarta, Indonesia.

Mr. Alexander has represented USDA on the International Cooperative Administrative Support Services (ICASS) Interagency Executive Board, the Board of the Foreign Service, Department of State Recruitment and Retention and Committee and the Board of Directors of the Central Commissary and Recreation Fund.

Prior to joining FAS Mr. Alexander was a USAID contractor in Dar Es Salaam, Tanzania and a Peace Corps Volunteer in Baguio City, Davao City and Cebu City, Philippines. He served in the U.S. Army, including 22 months of service in Vietnam for which he was awarded the Bronze Star. He grew up on a corn, soybean and hog farm in central Missouri.

Mr. Alexander earned a B.S. and M.S. in Agricultural Economics from the University of Missouri-Columbia. He is married to the former Evelyn Domingo Morales of Manila and Santa Maria, Ilocos Sur, Philippines.

Kurt Mickus
Dept of Energy USCENTCOM Energy LNO
Global Initiatives Directorate | Infrastructure Security and Energy
Restoration Division |
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Kurt came to the Infrastructure Security and Energy Restoration (ISER) Division's Global Initiatives (GI) Directorate in April 2010. Kurt is one of five hand-picked Department of Energy advisors to the regional U.S. Combatant Command (COCOM) Headquarters. The Energy Advisors provide support on strategic, in-theatre energy issues while facilitating direct access to the full range of DOE resources and expertise. In close coordination with the Department's of State and Defense, the Global Initiative team's primary mission is to engage in cooperative efforts with interested nations to improve the reliability, survivability, and resiliency of critical energy infrastructure. While this mission focuses on the economic aspects of energy security, the team must also address the national security aspects of energy security. In this regard, ISER supports a number of DOD's international energy security efforts.

For ten years, Kurt Mickus served as the Director, Operations Support Division, Office of Emergency Operations Support, Department of Energy. Kurt managed and implemented all operational activities and administrative functions in support of two DOE Operations Centers. He ensured the assessment, integration, coordination, and implementation of Operations Support activities and functions for DOE Headquarters Operations Offices and facility management. Kurt directed and reviewed the development, implementation, and maintenance of critical operations programs to ensure they were fully integrated and supported national security goals, DOE strategies, Operations Support objectives, and continuity of operations/government for essential DOE functions. He also served as the Program Manager for the DOE Emergency Communications Network that provides critical links to over 65 DOE Operation Centers, Field Offices, National Laboratories, select Federal agencies, and specific foreign nations.

Kurt entered federal service in 2000 as the Director of Training, Office of Emergency Operations. As Director of Training, he was responsible for the Department's Emergency Management and Response training programs. Before his selection as Director of Training, he was Program Manager of the support contract for DOE's Office of Emergency Operations. His responsibilities included managing the support functions for both the DOE Emergency Operations Center and Communications Center.

Prior to Kurt's retirement from the U.S. Air Force in 1997, he served as Chief of Operations Support, Office of the Inspector General, Air Combat Command at Langley Air Force Base, Virginia. He oversaw the inspection of nuclear and conventional operations to include contingency operations and support activities concerning Air Force combat fighters, bombers and command and control elements. Other career assignments include: Chief, Command Post; Emergency Actions Officer; Command Center Manager; Combat Crew Commander, Intercontinental Ballistic Missile weapon systems (Titan II/Minuteman III).

Kurt was born and raised in Milford, Connecticut. He holds a Master's of Science Degree in General Administration from Central Michigan University. Kurt also holds a BA in Government from the Military College of Vermont, Norwich University in Northfield, Vermont.