
COMPLETE SPEAKER AND FACILITATOR BIOGRAPHIES

Cheryl L. Anderson

Cheryl L. Anderson is the Director of the Hazards, Climate, and Environment Program, University of Hawai'i Social Science Research Institute and is certified as an urban/regional planner. For the last sixteen years, she has conducted research and planning projects on climate and disaster risk management in the Pacific and Southeast Asia, with attention to gender and traditional ecological knowledge aspects of risk reduction. Some activities include: convening the 2004 Gender Equality and Disaster Risk Reduction Workshop and drafting the Honolulu Call to Action that was presented at the United Nation's World Conference on Disaster Reduction in Kobe, Japan 2005; developing State of Hawai'i's Multi-Hazard Mitigation Plan; facilitating a series of workshops in Micronesia in 2006 as a co-investigator of the Pacific Islands Regional Integrated Science and Assessment (RISA) climate program; participating in an IPCC expert meeting on climate impact analysis in 2007; co-organizing and facilitating the February 2008 Pacific Forum, sponsored by AusAID and UNDP, on linking disaster risk reduction, climate change adaptation, traditional knowledge, and gender; and, co-organizing the workshop on Climate Change and the Micronesia Challenge: ways forward in adaptation and collaboration in April 2009.

Lisa Andon

Ms. Andon joined MCT in 2004 after nine years at the Pohnpei State Government serving as an Executive Assistant for the Economic Development Authority and as an Historic Preservationist for the Division of Historic Preservation and Cultural Affairs. She earned her BA in American Studies from Grinnell College in 1992 and came to Pohnpei as a Peace Corps Volunteer the same year. During her service, she taught English as a Second Language and Math at the Our Lady of Mercy Vocational Training School and worked part-time at the HP&CA. She completed an MA in American Studies with a Graduate Certificate in Historic Preservation and concentrations in Pacific Islands Studies and Cultural Resource Management at the University of Hawaii, Manoa in 1999.

Pankaj Arora

Pankaj Arora joined EPA in 2003 and has worked in the Office of Inspector General and the Superfund Program. Prior to joining EPA, Pankaj worked in the World Wide Operations at Sun Microsystems and IBM in various senior management positions. At Sun Microsystems his annual budget was about \$200 million. Pankaj is a trained engineer with degrees in Nuclear Engineering and Environmental Engineering. Also, he is a LEED Accredited Professional and has an in-depth understanding of energy efficiency and sustainable growth initiatives. Pankaj is actively involved with the climate change issues and energy efficiency projects. Pankaj attended the United Nations Conference in Bali and has participated in the United Nations Council of Human Rights projects that evaluated the woman's reproductivity issues in maquiladoras in Tijuana, Mexico.

Victor Barrett

For the past 15 years, Victor Barrett has focused on the practical application and on-the-ground development of New Urbanist and Sustainable Development Master Plans, as well as working at a detailed level in Architecture, Historic Preservation, and Sustainable Energy/Building Technology. He has unique experience covering small and large mixed use projects, infill, urban renewal, and in the development of environmentally sensitive, coastal/desert, flood plain, and remote sites in the U.S., Mexico, and Belize.

Brian Bearden

Brian Bearden is an Environmental Engineer with the CNMI Division of Environmental Quality. Mr. Bearden is a licensed Professional Environmental Engineer with over 19 years of engineering experience. After obtaining his Bachelor's degree in Mechanical Engineering from Colorado State University in 1990, Mr. Bearden went to work in the oil fields of California, performing geophysical well logging services both on-shore and off-shore, before moving to Saipan in 1995. He then worked for the CNMI firm of EFC Engineers and Architects for three years, performing construction management and general civil engineering duties, before hiring on with DEQ in 1998. Mr. Bearden's career at DEQ has been focused primarily on water quality issues, including erosion control, stormwater pollution control, wastewater treatment technology, and also solid waste and, more recently, air pollution control.

Jack Brown

Jack Brown enlisted in the U.S. Navy in 1970. He became a Nuclear Power Plant Operator and served on Submarines visiting the Marianas Islands for the first time in 1973. He supervised the operation and maintenance of large Bio Mass fueled power plants in the Hawaiian Sugar Industry from 1976 to 1983. He operated and maintained the Navy Power Plants in the Philippines from 1986 to 1992, and all Navy Utility Systems in Atsugi Japan from 1996 to 2005. He served at the lead boiler inspector and power plant subject matter expert for Navfac Pacific from 1992 to 1996 and again in 2006. Currently, the Utilities Manager for Navfac Marianas responsible for the management of DOD power plants, electrical distribution, water and waste Water systems on Guam. He earned a Bachelor of Science in Business Management from the University of Maryland in 1989.

Jennifer Brown

As a biology teacher at Saipan Southern High School Jennifer Brown has had the privilege of becoming involved with the first scholastic alternative energy initiative in the CNMI. Her work with alternative energy began five years ago at Bowling Green State University in Ohio, where she was part of a team assigned to implement five industrial size wind turbines in Northeast Ohio. Ms. Brown's primary concentration was community awareness and alternative energy education. Prior to her relocation to Saipan, she worked on a marine biology field station on Andros Island in the Bahamas. There she continued exploring primitive solar and wind alternatives that were utilized in fueling basic water heaters and general utilities. Ms. Brown is hopeful and very excited for the future of alternative energy at Saipan Southern High School and for all of the surrounding Mariana Islands.

Larry Bruton

Larry Bruton came to Micronesia in 1970 with the US Navy, stationed at (then known as) Naval Communications Station, Guam. He earned a BA degree from Baylor University, Waco, Texas, in Journalism/Communications. Formerly a high school classroom teacher of journalism and math and later a federal program writer and manager with the US Trust Territory Government, Larry went into business in Chuuk in 1975 by starting a photography studio and laboratory within the home doing passport pictures, historical documentation and special assignments for FEMA, Red Cross, and whomever. Larry learned early on that survival in the remote islands of Micronesia would require business diversity so he pursued various business interests. Larry is quick to admit that his lifestyle of comfort hasn't amounted to anything fancy by "Western Standards" but has gained much satisfaction from his experiences over the past decades living and working in Micronesia. He currently focuses on alternative energy solutions with a store on the island of Weno, Chuuk. He is director of a hyperbaric treatment facility on that same island where he treats divers that acquire decompression illness.

Jim Callier

Jim Callier is an EPA employee in his fourth year on assignment to the CNMI DEQ providing technical support to several programs including Brownfields, RCRA, and storage tanks. Mr. Callier has over 25 year of experience working for EPA in a variety of programs and capacities. The majority of his work is with EPA Region 7 in Kansas City. Mr. Callier is a registered professional geologist in the State of Missouri and holds a B.S. in geological engineering from the University of Missouri at Rolla.

Felix P. Camacho

Governor Felix P. Camacho was born in Camp Zama, Japan, the son of the late Governor Carlos G. Camacho and Lourdes Perez Camacho. A graduate of Father Duenas Memorial School, he received a degree in business administration and finance in 1980 from Marquette University. Camacho has held positions with Pacific Financial Corporation and IBM Corporation. In March 1988, Governor Joseph Ada appointed him as deputy director of the Public Utility Agency of Guam. Eight months later, Camacho was appointed to the Civil Service Commission and later selected by the board to serve as its executive director. In 1992, Camacho was elected as senator in the twenty-second Guam Legislature, subsequently winning seats in the twenty-third, twenty-fourth, and twenty-sixth legislatures. In 2000, he was named the legislature's majority whip and chairman of the Committee on Tourism, Transportation, and Economic Development. Camacho was elected as Guam's sixth governor in 2002. He is a member of the Knights of Columbus and participates in many civic activities. He was honored as one of the Outstanding Young Men of America and received the Pacific Jaycees Three Young Outstanding People award.

Derek Chambers

Captain Derek Chambers is a commissioned officer in the U.S. Public Health Service, currently on a detail assignment to the Commonwealth of Northern Mariana Islands, Division of Environmental Quality (DEQ). CAPT Chambers provides technical assistance to the DEQ Safe Drinking Water Branch, helping to revise local regulations and training the local staff to perform sanitary surveys. In addition CAPT Chambers provides training to CNMI water treatment and distribution operators. CAPT Chambers graduated from Texas A&M University in 1988 with a B.S in Civil Engineering, from the University of Washington in 2003 with a Master of Public Health, and is a registered Civil Engineer in Washington State. CAPT Chambers spent two years in Kenya as a Peace Corps Volunteer working on water and sanitation projects before joining the U.S. Public Health Service and working for the Indian Health Service for eight years, designing and constructing water and wastewater treatment facilities on Indian Reservations in Wisconsin and Washington State. Before moving to Saipan, CAPT Chambers worked in Alaska for five years providing technical assistance to 32 remote Native American villages, training water treatment plant operators and utility managers.

Misty Dawn Conrad

Misty Dawn Conrad is a Senior Project Leader and Technical Assistance Program Manager in the State, Local and Tribal Group of the Deployment and Industrial Partnerships Center at the National Renewable Energy Laboratory. She manages project teams in energy planning, policy, environmental impacts, island sustainability, agricultural applications and rural development. She manages the Technical Assistance Program, a venue for state and local officials to seek assistance in energy efficiency and renewable energy technologies, policies and programs. Her areas of expertise include cross-cutting environmental resource assessment and analysis, state and local program and policy analysis, rural development, brownfield reclamation and federal grant and loan technical review: design, development, process and evaluation. She has a Bachelor's of Science degree in Land Use and Environmental Resources with her Master's work in Environmental Policy and Law. Previously her work included such topics as the water/energy nexus, environmental remediation and water reclamation for the Colorado Department of Natural Resources.

Jesse T. Cruz

Jesse T. Cruz is the Administrator for the Environmental Monitoring and Analytical Services Division of the Guam Environmental Protection Agency. He has been with the agency for over 12 years as a biologist. Prior to that he work as an environmental consultant for a Guam-based company. He graduated from the University of Tampa with a degree in Marine Science/Biology.

Kelly Cutchin

Kelly Cutchin is a technical advisor for the Weatherization Assistance Program, which reduces energy consumption in low- and moderate-income households throughout the U.S. under the guidance of the Department of Energy. Before joining the Weatherization Network in April 2009, Kelly provided energy and water efficiency expertise to Public Housing Agencies (PHAs) and analyzed adoption and success rates of Energy Performance Contracts (EPCs). As a presenter and the author of over a dozen articles, she also educated retailers, consumers, builders, and remodelers on the ENERGY STAR program, energy use and sustainable living. Kelly has a B.A. in Sustainability and Environmental Studies (SENS) and German, from Berea College in Berea, KY.

Julie de la Rosa

Julie de la Rosa is the CNMI Safe Drinking Water Information System administrator for the State with the Safe Drinking Water Program, Division of Environmental Quality. Julie has her Associates in Art Degree in Business Administration with an emphasis in computer applications and programming from the Northern Mariana s College. Prior to her moving to Saipan, she lived in Guam where she gained 5 years experience in insurance underwriting with Nanbo Insurance and thereafter she worked 5 years with Juan C. Tenorio and Associates as a Specifications Specialist. Julie moved to Saipan in 2001 where she worked under the administration department assisting the Drinking Water and Wastewater Program processing permits. After receiving her A.A. degree in 2004, she took upon herself the opportunity and the challenges in the drinking water program as the SDWIS/STATE Administrator. Not only is she DEQ's SDWIS Administrator but she is also CNMI's Test Administrator for our Water Certification Program, the Needs Survey Coordinator, and the Underground Injection Control Program Coordinator.

Peggy Denney

Peggy Denney has lived on Guam for 30 years. From 1979 to 1995 she was a free-lance court reporter and then returned to school at the University of Guam to obtain a BS in Agriculture. She then pursued a masters in Environmental Science, also at UOG, which she will complete this fall. She was employed by Guam EPA for two and a half years as the program coordinator for education and outreach, and then accepted a contract with the Guam Business Partners for Recycling in August of 2007 as the program administrator to implement the "i recycle" aluminum recycling program for the benefit of Guam's schools. She also is employed part-time by the University of Guam Cooperative Extension as an Extension Associate.

Gary Denton

Gary Denton is Professor of Environmental Toxicology and Director of the Water and Environmental Research Institute of the Western Pacific at the University of Guam. Educated in England, he obtained his B.Sc. in Biological Sciences and Ph.D. in Marine Zoology from the University of London. He has worked on environmental issues for the past 35 years, the last 20 of which have been based in Guam. His primary research interests focus on water quality with emphasis on pollutant transport, fate and toxicity; pollution monitoring and assessment, and aquatic biological indicators. His most recent collaborative works have focused on the impact of coastal based solid waste disposal facilities and stormwater discharges on fisheries resources in Guam and Saipan.

Lisa Huynh Eller

Lisa Huynh Eller is the Outreach and Publications Coordinator for the CNMI Coral Reef Initiative and the Nonpoint Source Branch of the Division of Environmental Quality. Prior to joining DEQ, Lisa worked full time as a writer covering science, environmental issues and education for the Montrose Daily Press in Colorado and West Hawaii Today in Hawaii. She has won awards from the Colorado Associated Press and the Society of Professional Journalists. Before becoming a full-time writer, Lisa supported outreach and education for the Hawaii Coral Reef Initiative. She graduated from the University of Hawaii at Manoa with Bachelors degrees in Journalism and Psychology.

Lisa Fiedler

Lisa Fiedler was appointed Environmental Director of the Joint Guam Program Office Forward in October 2007. In this capacity she is responsible for coordinating the execution of NEPA analysis, environmental elements of master plans, and planning efforts among DoD components for the military realignment to Guam. Lisa has extensive environmental engineering experience working for a variety of federal government agencies. Lisa began her career with the U.S. Environmental Protection Agency in Chicago providing mathematical modeling technical expertise to both the Air and Water Divisions for enforcement actions and policy and regulation development. While at the U.S. EPA she provided in-house support to both the U.S. Army Corps of Engineers and the U.S. Department of Agriculture. Lisa earned a Bachelor of Science in applied mathematics, with distinction, from the Pennsylvania State University and a Master of Science from Cornell University in civil and environmental engineering with a major in environmental systems engineering and a minor in city and regional planning.

Benigno R. Fitial

Benigno Repeki Fitial is the Governor of the Northern Mariana Islands. He was born in the Northern Mariana Islands. In 1964, he graduated with honors from Mt. Carmel High School. He studied Business Administration at the University of Guam, where he is acknowledged as a "Distinguished Alumni". He previously served as the Speaker of the Northern Mariana Islands legislature. He is a member and founder of the CNMI Covenant Party. He is married to Josie P. Fitial. They have six children and four grandchildren.

Thomas A. Frankiewicz

As a Program Manager in the US EPA Landfill Methane Outreach Program, Tom is the lead for outreach and technical assistance to landfills in the Western states. Under EPA's participation in the international voluntary partnership of Methane to Markets, he is the lead for promoting landfill gas to energy projects in partner countries Argentina, Poland, and Bulgaria. Before joining EPA, Tom spent over ten years in the field of air quality working for state and regional organizations, including coordinating efforts to develop a multi-pollutant trading program across the mid-Atlantic and Northeast States to reduce ground-level ozone, particulate matter, and improve visibility in National Parks. He has a Bachelor of Science in Public Affairs from Indiana University, School of Public and Environmental Affairs, and a Masters of Business Administration from George Washington University.

Kimberly Gates

Ms. Gates is a Project Manager and the LEED Coordinator for NAVFAC Marianas. She oversees military building projects from "cradle to grave" for multiple customers on the island of Guam. Great attention and dedication is being given to the achievement of LEED silver for all new MILCON facilities constructed. The constant focus is ensuring compliance with the federal mandates of the Energy Policy Act of 2005, Executive Order 13423, the Energy Independence and Security Act of 2007, et al., without jeopardizing the Navy's quantum mission. Prior to her tour on Guam she was the Innovative Remediation Technology Transfer Lead and Acquisition Team Lead for the Restoration Branch of the Naval Facilities

Engineering Service Center (NFESC) at Port Hueneme, CA. At NFESC, Ms. Gates was also forward deployed to NASA-JPL as a remedial project manager for their National Priorities list cleanup site. Ms. Gates is a Navy junior, and has traveled and lived many places, mostly California. She holds a BS from Virginia Tech in Civil Engineering and MS in Environmental Engineering from Johns Hopkins University. She is a Registered Engineer in the State of Virginia and an Accredited Professional with the US Green Building Council's Leadership in Energy and Environmental Design (LEED AP).

Bob Gavenda

Bob Gavenda is a Resource Soil Scientist for USDA-NRCS (U.S. Department of Agriculture, Natural Resources Conservation Service) based on Guam, having transferred there in 2000 after 17 years in Hawaii. His service area covers all of Micronesia. In addition to maintaining accurate soil survey data he assists private landowners and local governments in the use and interpretation of USDA soil surveys. He has worked with soils in a variety of environments but has specialized in tropical soils and has over 25 years experience in Hawaii, the Pacific Islands and Latin America. He specializes in soil formation, classification and mapping and is becoming more involved with soil behavior and management especially with regards to maintaining or improving soil quality.

Yimnang Golbuu

Yimnang Golbuu is the chief researcher at the Palau International Coral Reef Center (PICRC) and a PhD Candidate at the Department of Environmental Science and Management, Southern Cross University in Lismore, Australia. Yimnang is leading the General Coral Reef Biology Program of the research department at PICRC and has published his research work in numerous peer reviewed journals as well as book chapters. Yimnang's current focus of research is on exposure and response of Palau's coral reefs to disturbance at multiple scales and effectiveness of Palau's MPAs as a management tool. Besides his research work, Yimnang is also involved in community management efforts as chair of the Northern Reef Management Planning Team, working with community members to develop a comprehensive management plan for the Northern Reefs of Palau.

Scott Hagen

Scott Hagen was born and raised on Guam. He has been studying photovoltaics and solar hot water for a little over a year now along with his father, Bill. During this time he has taken several courses and hands-on training workshops with Solar Energy International (industry leader for PV education, training, and certification). Since January 2009, Scott has helped to design and install Guam's first 3 grid-tied, net-metered photovoltaic systems. Scott is married and has 3 daughters.

Tasleem Hasan

Tasleem Hasan received his Bachelor of Science Degree in Chemistry and Mathematics and his Master of Science in Chemistry from the University of the South Pacific. He has also undertaken further courses on project cycle management. Tasleem has been working on providing technical assistance and guidance to SOPAC member countries in the Pacific region in water, sanitation and hygiene issues for the past five years. He has assisted selected member countries establish water quality monitoring capacity in-country and has helped countries like the Marshall Islands obtain certification through the US Freely Associated States Certification program. Tasleem has also produced technical guidelines and manual on water quality monitoring and is an active member of WHO's International Network on Small Communities Water Supplies and the International Network on Drinking Water Quality Regulators. Tasleem has also worked as a Scientific Officer and chemist in an internationally accredited laboratory where he was in-charge of the heavy metal testing section hence he has the practical experience and knowledge in producing scientifically accurate and reliable data.

Matthew Heberger

Matthew Heberger is a Research Associate in the Pacific Institute's water program. He has degrees from Cornell and Tufts Universities in engineering and hydrology, and is a licensed professional engineer. He's spent the last 10 years working on water issues as a consulting engineer, in water policy in Washington DC, and as a hygiene and sanitation educator in West Africa. He's currently researching issues related to water supply and water quality, the nexus between water and energy, and impacts of climate change on water resources. He was also the first author of the Pacific Institute's 2008 report, "Impacts of Sea Level Rise on the California Coast"

Holly Herod

Holly Herod is a Fish and Wildlife biologist for the U.S. Fish and Wildlife Service. She has been working for the Service in across the US Mainland and in the Pacific Islands since 2001. She received a Bachelor of Science from Murray State University in Kentucky and a Masters of Science in Fisheries and Aquatic Sciences from the University of Florida. Holly has written or contributed to over 45 scientific publications and reports regarding the biology, ecology and threats facing rare and imperiled species. Currently, Holly provides technical assistance and section 7 consultations for proposed projects in Guam and the Commonwealth of the Northern Mariana Islands and is located at the Pacific Islands Fish and Wildlife Office in Honolulu, Hawaii.

Jeffrey Herod

Jeff Herod currently works in the U.S. Fish and Wildlife Service Office, Pacific Islands Fish and Wildlife Office, Honolulu, Hawaii. His position is a Fish and Wildlife Biologist, Invasive Species Specialist. Jeff's previous positions were the U.S. Fish and Wildlife Service Region 8 Aquatic Invasive Species Coordinator (States of California, Nevada, and Kalamath Basin, OR) and the CALFED Non-native Invasive Species Program Coordinator for the Ecological Restoration Program. Previous to his work in California, Jeff spent 6 years in Florida working on Freshwater issues such as Non-native fishes and the Everglades Restoration, developed an Aquatic Management Program for Eglin Air Force Base, and assisted with the recovery and status surveys for rare fishes and mollusks in Florida, Alabama, and Georgia.

Kathleen M. Herrmann

Kathleen Herrmann is the CNMI NOAA Coral Reef Management Fellow, hosted by the Division of Environmental Quality. The focus of her role in CNMI is to address land-based sources of pollution, which have been identified by NOAA as one of the top three threats to coral reefs. Ms. Herrmann has ten years of experience working with local communities and government agencies to develop and implement watershed and stormwater projects. Ms. Herrmann is working on a number of collaborative watershed restoration projects here in CNMI and recently facilitated the completion of a Conservation Action Plan for Laolao Bay. She also works with a variety of community groups to affect environmental change by changing behaviors at the source through education and outreach. Ms. Herrmann holds a B.S. in Environmental Science from Michigan State University and an M.M.A. from the University of Washington's School of Marine Affairs.

Steve Hiney

Steve Hiney has over 20 years experience in managing solid waste management systems. He has established funding mechanisms and structured collection in Lake County Florida, developed a successful volume-based collection system in Gainesville, Florida, and for the last 6 years he has been implementing the CNMI's solid waste management plan and developing regional synergies for consistent evaluation of systems and operations. Mr. Hiney is a member of SWANA and has held the Chairmanship of the Chief Micronesian Executives, Pacific Islands Regional Recycling Initiative Committee (PIRRIC) that has established metal recovery and formed the bedrock for development of regional approaches to solid waste management issues.

Peter Houk

Dr. Peter Houk currently works with many coral reef monitoring programs throughout the Pacific through a small non-profit organization based in Saipan, Pacific Marine Resources Institute. He is focused upon improving the science that is available to support community and governmental based management decisions. Prior to working with PMRI, Peter served as the marine biologist for CNMI's DEQ office for 8 years implementing a coral reef monitoring program that spans from the Saipan lagoon to the nearshore reefs in the volcanic northern islands. He has published numerous peer-reviewed scientific journal articles and book chapters that summarize the findings of data collection efforts. In culmination, he works with programs and agencies from CNMI, American Samoa, Marshall Islands, Federated States of Micronesia, and Palau.

Mariano R. Iglecias

Mariano R. Iglecias is currently the Water Division Manager for the Commonwealth Utilities Corporation. Mr. Iglecias oversees daily water operations, participating in the coordination of all capital improvement projects, and implementation of Operation and Maintenance programs for the compliance of the Stipulated Order. Mr. Iglecias' career spans seventeen years with the Commonwealth Utilities Corporation with two years in Wastewater operations, nine years as a CUC Laboratory analyst and the last six years in Water Operations. A certified operator in water distribution and treatment and is now designated Direct Responsible Charge for the CUC Public Water System on Saipan.

Thelma B. Inos

Ms. Thelma B. Inos has worked for the Commonwealth Energy Division for over 19 years and has held the position of an Energy Director for past 7 years. She has devoted her career to energy challenges within the Commonwealth of the Northern Mariana Islands to ensure effective energy efficiency and conservation and promoting the use of alternative and renewable energy.

Charles D. Jordan

Born in New York, raised in California, a 1972 graduate from the School of Architecture from California State Polytechnic University, San Luis Obispo Charles arrived in Micronesia in 1974 as a Peace Corps Volunteer working for the Yap District Planning Office. After two years in Ulithi and couple of years in California, Charles arrived back in Yap in 1978 as the Yap State Planner. In June of 1981 Charles and his family moved to Saipan where he became the Director of the Office of Planning and Statistics for the Trust Territory of the Pacific Islands (TTPI). Duties with this office included being the grantee for the US Department of Energy, US Department Housing and Urban Renewal, Environmental Protection Agency, Federal Aviation Agency and the Federal Emergency Management Agency. Additionally, Charles was tasked with coordinating the closure of the TTPI, and he ensured the expeditious expenditure of over four hundred million dollars of Capital Improvement Project funding in the newly created freely associated states of the Republic of Palau, Federated States of Micronesia and the Republic of the Marshall Islands. In 1991 Charles opened his architectural practice and in 2002 he went to work with Governor Juan Babauta as his Special Advisor for Capital Improvement Project Management. Charles is now a Partner with RIM Architects and is Principal in charge of their Saipan office. Over the years Charles has been involved in numerous renewable projects throughout the region. Charles is licensed to practice architecture in the State of California, Territory of Guam and the Commonwealth of the Northern Mariana Islands. He is married to Ann and is the father of Jessica and Robert Jordan.

Deborah Jordan

Deborah Jordan is Air Division Director for the U.S. Environmental Protection Agency's Region IX. She oversees about 100 staff members working with 45 state and local air agencies charged with improving air quality and implementing the Clean Air Act. Ms. Jordan also directs the Region's work on clean energy and climate change, including a vigorous effort in voluntary and incentive-based programs. Ms. Jordan has been Air Division Director since March 2004, after serving as Chief of Staff to the Regional Administrator. She has worked at EPA since 1989. Ms. Jordan received her Ph.D. in chemical engineering from the University of California at Berkeley, and master's and bachelor's degrees from the University of Kansas.

Robert Jordan

Robert Jordan is the offspring of two peace-corps volunteers, born on Yap and raised on Saipan, Robert Jordan has called Micronesia home for nearly 3 decades. Rob is currently the CNMI Office and Project Manager for Allied Pacific Environmental Consulting, APEC: a full-service environmental consulting firm with offices on Guam and Saipan and with operations throughout the western Pacific region. Prior to joining APEC in 2006, Mr. Jordan worked for the CNMI Department of Public Works, Solid Waste Management Division, as assistant program manager where he oversaw a number of waste reduction, reuse and recycling initiatives, in addition to day-to-day operations at the Lower Base Transfer Station

and Recycling Facility. For the past two years; Rob, his family and his colleagues at APEC have invested considerable time and energy into researching and developing plausible renewable energy strategies for the Marianas.

Jose M. Kaipat

Jose M. Kaipat has been the Manager of the Safe Drinking Water Program at CNMI DEQ since 1998. He has over 120 credit hours at University of Hawaii at Hilo in Geology and Marine Science. Jose graduated from Northern Marianas College with an AA in Liberal Arts in 1996. He graduated from Marianas High School in 1979. Kaipat has worked as a Medical Laboratory Technician and Mortician at the Rota Health Center and Dr. Torres Hospital. He has served the CNMI Government for 24 years. Jose likes scuba diving, golf and deep bottom fishing.

Michael Keyser

Mike Keyser is Chief Executive Officer and General Counsel of the American Samoa Power Authority. Mr. Keyser received his undergraduate degree in international business from Washington State University in Pullman, WA. He also holds a law degree from Seattle University School of Law, where he served as an associate editor of the law review. He has two published papers with the Florida State Journal of Transnational Law and Policy, including most recently, "The Best Kept Secret in the Law: How to Get Paid to Live on a Tropical Island." Prior to moving to American Samoa, Mr. Keyser practiced securities law for a boutique Seattle firm specializing in mergers, acquisitions and private & public offerings. In 2006, Mr. Keyser left his job as Director of the Bureau of Consumer Protection to join ASPA as its General Counsel. Mr. Keyser added the CEO hat in October 2007. During his time at ASPA, he has led ASPA's move into petroleum importation and sales, led the reorganization of solid waste collection, and, currently is in the process of overseeing a comprehensive rate revision and \$50m capital improvement plan. In his spare time, he is an avid scuba diver and golf nut. His handicap: woods and irons.

Joseph M. Konno

Joseph M. Konno is the Coordinator of the Federated States of Micronesia (FSM) Second National Communication for the United Nations Framework Convention on Climate Change (UNFCCC) in the FSM Office of Environment & Emergency Management. He is a former Executive Director of Chuuk's State Environmental Protection Agency. His publications include: "CLIMATE PROOFING: A Risk-based Approach to Adaptation" (Co-Author) and "FSM Initial National Communication to UNFCCC" (Contributing Author).

Frederick LaCroix

Mr. LaCroix has had extensive international business experience in Europe, Asia and the U.S. He is the founder and CEO of The PowerSource Group LLC, a group of companies providing leading edge energy solutions in Asia for off-grid rural electrification and development and clean-energy cogenerated power plants for large industrial and commercial customers (www.powersourcegroup.com). He was previously an executive with Enron International, overseeing the development, construction, start-up, transition and operation of large IPP facilities in the Asia-Pacific region. In this capacity he oversaw hundreds of millions of dollars of projects, including combined cycle, combined heat and power and multi-fuel energy conversion agreements. Prior to joining Enron, Mr. LaCroix was the venture capital founder and CEO of an Asian-based corporate group engaged in the acquisition and commercialization of technologies and service concepts in the energy infrastructure and engineering services sectors in Asia. An ardent advocate of public education, he has chaired the Guam Governor's Task Force on Education, charged with restructuring and reforming one of the largest public school districts in the U.S. He also served as Special Advisor to the Governor of Guam on Infrastructure Initiatives. Mr. LaCroix holds degrees from Trinity College, Cambridge University (Honours Law), The London School of Economics & Political Science (Policy Economics), The Fletcher School of Law & Diplomacy (Tufts & Harvard) (Foreign Policy Analysis & Political Philosophy) and Bucknell University (History & International Relations). He is co-editor of *The Law of International Trade and Finance* (Butterworth's, Singapore), author of *The Sky Rained Heroes, A Journey From War to Remembrance* (Synergy Books, USA) and has published and presented papers on a range of topics including mergers and acquisitions, international project financing, infrastructure privatization and international economic development. He speaks Mandarin Chinese and French.

Mark Lander

After receiving a PhD in Meteorology from the University of Hawaii, Lander worked at the UH for several years, until the Office of Naval Research (ONR) offered him full-support to act as an on-site research specialist for the Joint Typhoon Warning Center. For nearly 10 years, he worked beside the operational forecasters at the JTWC to gain insight into the areas where basic research might best help operational typhoon forecasters. During these years, Mark learned much about tropical meteorology that he could not have learned in a formal academic setting. After the JTWC moved to Honolulu, Mark remained on Guam to become a full-time faculty member at the UOG's Water and Environmental Research Institute (WERI). Mark continued to pursue his interests in tropical cyclones and expanded his activities to include more general aspects of the climate and weather of Guam and all of Micronesia. Current WERI activities include participation in the Pacific ENSO Applications Center (PEAC), oversight of a network of rain gages on Guam for the Ground Water Under the Direct Influence of Surface Water (GWUDI) project, and other climate and climate change related research. Papers nearing completion include an investigation of recent sea level rise in Micronesia and a study of the differences between the tropical cyclone best track data sets of the JTWC versus the Japan Meteorological Agency (JMA).

Trina Leberer

Trina has lived in Guam since 1994, earning a MS in biology at the University of Guam Marine Laboratory in 1997. She worked for the Guam Department of Agriculture, Division of Aquatic and Wildlife Resources for seven years as a biologist, Fisheries Supervisor and Acting Chief, before joining The Nature Conservancy in 2004. As the Marine Conservation Coordinator for the Micronesia Program, Trina assisted partners in all aspects of their marine conservation efforts in the Republic of Palau, Federated States of Micronesia, Republic of the Marshall Islands, Commonwealth of the Northern Marianas, and Guam. Trina is now the Micronesia Program Director, leading a team of 10 focused on assisting partners to achieve lasting conservation results through science-based management, organizational capacity building, sustainable financing, and supportive policy.

Ben Machol

Ben Machol manages the Clean Energy and Climate Change Office for the Environmental Protection Agency, Region 9. Prior to that, he served as the region's Senior Energy Advisor. In his 19 years at the agency, Ben has served in several different capacities, including Guam Program Manager, where he oversaw EPA programs on the island and development of innovative infrastructure finance opportunities for U.S. island territories. Ben also spent many years in EPA's water programs, working with U.S. and Mexican officials to develop water and wastewater infrastructure along our border region. Ben is a licensed Professional Engineer, with a master's degree in environmental engineering, and a bachelor's in mechanical engineering, both from University of California, Berkeley.

Enrique Manzanilla

Enrique Manzanilla has been the Director of the U.S. EPA's Communities and Ecosystems Division since May of 1998. The Communities and Ecosystems Division (CED) is comprised of approximately 80 staff and is responsible for providing leadership and direction on regional multimedia issues, emphasizing and promoting cross-program and community approaches to address environmental issues. CED leads the Regional Tribal, U.S./Mexico Border, Pacific Islands and Environmental Justice programs to address under-served and disproportionately-burdened communities. The Division promotes innovative and beyond-compliance solutions to environmental problems through its Agriculture Program and Environmental Stewardship activities. In addition, CED implements the following statutory and regulatory programs: National Environmental Policy Act (NEPA) review, the Toxic Substances Control Act (lead and asbestos programs), Emergency Planning and Community Right-to-Know Act (Toxics Release Inventory), and the Federal Insecticide, Fungicide and Rodenticide Act (pesticide program grants and enforcement). Enrique received a Masters degree in Marine Affairs from the University of Southern California in 1984 and a Bachelor of Arts degree in Biology from Pomona College in 1978.

Ray S. Masga

Ray Masga has been with the CNMI Division of Environmental Quality for ten years. He has been managing the Site Assessment and Remediation (SAR) Branch for the past four years. The SAR Branch oversees the implementation of the following programs: CERCLA PA/SI, Formerly Used Defense Sites/DSMOA, and Brownfields - State Response Program. The establishment of the SAR Branch was initiated by Mr. Masga, which in 2004 was sanctioned by the US Environmental Protection Agency Region 9. Mr. Masga holds a B.S. in Biology from Portland State University, Oregon, and a Master of Public Health (MPH) with an emphasis in Environmental Health from the University of Hawaii, Manoa Campus, Oahu, HI.

Gil Masters

Gil Masters is an emeritus professor of environmental engineering and science at Stanford University. Although he retired several years ago, he continues to teach his courses on energy-efficient buildings and renewable energy systems as part of the graduate program in Atmosphere and Energy at Stanford. He is the author or co-author of eight books, including *Renewable and Efficient Electric Power Systems* (2004), *Introduction to Environmental Engineering and Science*, now in its third (2008) edition, and *Energy for Sustainability: Technology, Planning and Policy* (2008). His interests in Pacific Island nations dates back to the early 1960s when he had the good fortune as a graduate student to have had a summer job that took him to a number of Pacific islands, including Palau, Yap, Guam, Wake, Midway and Kauai.

John McCarroll

John McCarroll has been the head of U.S. EPA's Pacific Islands Office for the last eight years. In this capacity John works closely with U.S.-affiliated islands and territories in the Pacific on a range of environmental issues. John previously managed an EPA office overseeing hazardous waste issues. Prior to EPA, John worked for the states of California and Nevada, for the Indian Health Service in Alaska, and for a small environmental monitoring firm. John has a B.S in Civil Engineering and M.S. in Infrastructure Planning and Management from Stanford University.

Charlene Mersai

Charlene Mersai is the Micronesia Challenge Regional Coordinator. In this role, Charlene provides administrative and financial management for the overall Micronesia Challenge (MC) with guidance and direction from the MC Steering Committee made up of the five national/jurisdictional Focal Points, a representative of the MC Support Team which includes local, regional and international partner agencies and the Executive Director of the Micronesia Conservation Trust, which manages the MC endowment. Before taking this role in the Micronesia Challenge, Charlene has been doing conservation work in Palau as a researcher at the Palau International Coral Reef Center and at the Belau National Museum; as a Rock Islands Coordinator and Terrestrial Conservation Officer for Palau Conservation Society; and as Coastal Management Officer for Koror State Government. Charlene holds a Bachelor of Arts degree in Anthropology and Biology from the University of Hawaii at Hilo.

Antonio Muña

Antonio (Tony) Muña graduated from the U.S. Naval Academy in 1983. He served in the U.S. Marine Corps as a Supply Officer for 5 years. Mr. Muña moved to Saipan in 1988 and spent his professional life in the private sector in the financial and accounting field until January 2006. At that time, he accepted an appointment as the CNMI Government Special Assistant for Management and Budget through December 2007. In May of 2008, Mr. Muña accepted appointment as CUC Executive Director.

Susan L. Muza

Captain Susan L. Muza is the Senior ATSDR Representative, Pacific Southwest Region in San Francisco, CA. She holds a Bachelor of Science degree in Environmental and Public Health from the University of Wisconsin, Eau Claire and a Master of Science degree in Environmental Science from the University of Colorado, Denver. She has been with ATSDR for twenty-one years. She began her career with ATSDR conducting health assessments of hazardous waste sites at the agency headquarters in Atlanta. After several years she relocated to Denver, CO and became a Regional Representative for the Rocky Mountain Region. As a Regional Representative, CAPT Muza worked with communities, regulators and others to evaluate the public health impact of exposures to hazardous substances. In 2004, CAPT Muza was promoted to the Senior Regional Representative position in San Francisco, CA. She began working with CNMI Department of Public Lands to develop a health monitoring project after they received their initial Brownfields Assessment Grant in 2006.

Ben Namakin

Ben Namakin was born in 1980 and grew up on islands in the Pacific, living first in Kiribati and then moving in 1996 with his family to Pohnpei (formerly known as Ponape), Federated States of Micronesia. He attended Ponape Agriculture & Trade School, the only vocational high school in Micronesia, and graduated with a Diploma in Agriculture and Marine Science in 2001. After graduating, he volunteered at The Nature Conservancy (TNC) - Pohnpei Field Office, and helped with conservation projects that were being done by the Conservation Society of Pohnpei (CSP), a local partner of TNC. With CSP staff, he helped to survey the upland watershed, monitor spawning and aggregation sites of three grouper fish species and give talks to students and communities about the importance of the environment. In 2002, the CSP hired Namakin as an Environmental Educator to run a pilot program, The Green Road, a mobile environmental awareness program focusing on Upland Watershed, Mangroves, Coral Reef, and Waste and Pollution. Namakin has since added the issue of climate change to his work along with several initiatives such as the Youth-to-Youth in Environmental Education and Awareness Program, Community Outreach and Project Implementation Program, the Youth Environmental Club, and an array of other successful outreach initiatives. Namakin has also taught a 2005 summer course on the topic of climate change and its implications for island systems at the College of Micronesia - Federated States of Micronesia.

Brooke Nevitt

Brooke Nevitt works as the Education and Outreach Coordinator at Coastal Resources Management Office in the Commonwealth of the Northern Mariana Islands. Nevitt grew up in Saipan and made her way to conservation after spending several years as an educator. She holds a BA in history, an MA in Pacific Islands Studies and a Diploma in Conservation Education. Most recently, Nevitt has worked on the CNMI "Healthy Reefs, Healthy Fish" social marketing campaign, a partnership of local agencies and NGO Rare.

Barry Pollock

Barry Pollock is an Environmental Engineer with the Drinking Water Office, US EPA Region 9 in San Francisco. Barry has an undergraduate degree in Biochemistry from the University of Maryland, and after 3 years in the Peace Corps in the Congo (Zaire) in Africa doing water and public health work, he went back to school and received his Master of Science in Civil / Environmental Engineering and Master of Public Health in Environmental Health Sciences, at University of California, Berkeley. Barry began working in the drinking water program at EPA Region 9 in San Francisco in October 1988. His first job was providing regulatory oversight for public water systems located on Tribal lands throughout the State of California. In 1993 and 1994 he worked as the staff engineer for the Republic of Palau Environmental Quality Protection Board on the full range of environmental program. Since returning to San Francisco he has worked in the drinking water program including 10 years as Project Officer overseeing the State and territorial implementation of the public water system supervision programs in Hawaii, Guam, and CNMI. He has also served as a trainer for EPA sponsored sanitary surveys training programs, and amongst other things has coordinated and performed sanitary surveys and comprehensive performance evaluations of water systems in Guam, Saipan, Palau, Chuuk, the Marshall Islands, Okinawa, and Pohnpei. Barry is a registered Professional Engineer in California, and has his Level 3 treatment Certification from the State of California.

James E. Quick

Dr. James E. Quick is a Professor of Geology and the Associate Vice President for Research and Dean of Graduate Studies at Southern Methodist University. Dr. Quick also serves as Special Assistant for Alternative Energy to the Governor of the Commonwealth of the Northern Marianas. He holds a B.Sc. in Geology from UCLA, an M.Sc. in Mineralogy and Petrology from the University of Minnesota, and a Ph.D. in Geology from the California Institute of Technology. His background includes a distinguished twenty-six year scientific career with the United States Geological Survey (USGS), where he conducted fundamental research on volcanic processes, supervised large teams of scientists performing research in regional geology, hydrogeology, geologic hazards, environmental restoration, and climate history, and served as Program Coordinator for the Volcano Hazards Program. Dr. Quick's career with the USGS began with a tour-of-duty in Saudi Arabia where he studied some of the oldest rocks recording the formation of the oceanic crust. Upon his return to the United States, Dr. Quick assembled an international team of scientists to study the magmatic evolution of deep crust, which is the birthplace of the magmas that produce the largest explosive eruptions. His research has taken him to more than 35 countries around the world, and is presented in numerous publications in scientific journals over the last thirty years. His professional affiliations include the American Geophysical Union, Geological Society of America, and the International Association of Volcanology and Chemistry of the Earth's Interior, and the Dallas Council on Foreign Relations.

Frank M. Rabauliman

Frank M. Rabauliman is Director of the CNMI Division of Environmental Quality, a position he has held since 2006. Mr. Rabauliman is a former high school counselor, a former Director of the Pacific Vocational Education Improvement Project and the State Occupational Interagency Coordinating Committee (Career Development), former Executive Assistant Director of the Carolinian Affairs Office (Office of the Governor), and former CNMI Public School System Vocational Education Program Coordinator. Mr. Rabauliman holds a Bachelor of Arts in Behavioral Science from California State Polytechnic University.

Cecilio Raiukiulipiy

Cecilio Raiukiulipiy is the owner of Professional Water Tech, a small business specializing in the operation of water treatment systems. Previously, Mr. Raiukiulipiy spent twelve years with Japan Water Systems as a water operator and sales manager. Mr. Raiukiulipiy is from the island of Satawal, the eastern most island of the State of Yap, FSM, and graduated from the Pohnpei Agriculture and Trade School in 1993. He attended Northern Marianas College on Saipan studying electrical trades from 1997 to 1999. He is a certified water operator in the CNMI, Water Treatment Level 2, Water Distribution Level 1; holds a 40 hour HAZWOPER certification; and is currently enrolled at the Northern Marianas Trades Institute studying for his Certified Electrician's license. He is the Treasurer of the Mariana Islands Water Operator Association and is a active member of the Over the Reef Yacht Club. Cecilio comes from a long line of master navigators, loves to sail and fish, and enjoys spending time with his two children.

Brian Rippy

Brian Rippy, Civil Engineer LEED AP, is currently a consultant for the American Samoa Environmental Protection Agency providing technical assistance on projects relating to renewable resource engineering and green building design. Brian has extensive experience working with the USGBC LEED Green Building Rating System and has supported the application and certification of LEED for projects in the United States. He is one of the founding design team members of the "Greater Yellowstone Framework for Sustainable Development," a tri-state initiative that implemented a LEED modeled accreditation system focusing on a specific eco-region. Brian has worked on a wide range of sustainable development projects in Laos, Jamaica, and American Samoa, assisting governments and non-profit agencies in utilizing available resources to address water, wastewater, and building infrastructure needs.

Marc Rogoff

Dr. Marc Rogoff has over 25 years of experience in solid waste management as a public agency manager and consultant. He has managed more than 200 consulting assignments across the United States on literally all facets of solid waste management including, waste collection studies, facility feasibility assessments, facility site selection, property acquisition, environmental permitting, operation plan development, solid waste facility benchmarking; ordinance development, solid waste plans, financial assessments, rate studies/audits, development of construction procurement documents, bid and RFP evaluation, contract negotiation, and bond financing.

Marie Rongone

Marie Rongone is a Section Chief in the U.S. EPA Office of Regional Counsel in Region 9, in San Francisco, California. Ms. Rongone is a 1983 graduate of Boalt Hall School of Law at the University of California, Berkeley. Before joining EPA in 1994, Ms. Rongone practiced with the law firm of Munger Tolles & Olson in commercial and environmental law and litigation. She joined EPA as a staff attorney in 1994, where she handled large, multi-party groundwater and landfill enforcement cases and related litigation. In 2000, she was promoted to Section Chief, in which role she oversees the work of other attorneys in a variety of environmental matters. Since 2007, Ms. Rongone has had primary responsibility within the Office of Regional Counsel for Brownfields and related matters, including the review and oversight of Brownfields grants.

Gregorio "Kilili" Camacho Sablan

Gregorio Kilili Camacho Sablan took the oath of office for the 111th Congress on January 6, 2009, becoming the first member of Congress from the Northern Mariana Islands. Kilili attended the University of Guam before continuing his college studies in Berkeley, California. A family crisis brought Kilili home before his studies were complete. It was during this time that Kilili made the decision to go into public office. Kilili began serving in the administration for the Marianas' first governor, Governor Carlos S. Camacho, and soon after was elected to the 3rd Commonwealth Legislature. After two legislative terms, Kilili came to Washington, D.C., as an appointed Special Assistant to United States Senator Daniel K. Inouye (D-HI). Kilili later returned to Saipan and served in two subsequent gubernatorial administrations – those of Froilan C. Tenorio and Pedro P. Tenorio – before he was appointed to be Executive Director of the Commonwealth Election Commission, a position he held until resigning to run for the Congressional seat he now holds.

David Schaller

David Schaller serves as Administrator in the Office of Conservation and Sustainable Development for the City of Tucson. His responsibilities include guiding the City's overall sustainability initiative and leading the development of the City's Climate Change Mitigation and Adaptation Action Plan under the Mayor's Climate Protection Agreement. Mr. Schaller previously served as the Sustainable Development and Climate Change Coordinator for the Denver Regional Office of the US Environmental Protection Agency from 1995-2007. His career has included both management and staff responsibilities at EPA's Denver and Washington, D.C. offices as well as at the National Renewable Energy Laboratory (then-SERI) and as a private consultant. He was a member of the US delegation to the UN Summit on Sustainable Development in 2002 and is a certified Zero Emissions Design practitioner with Zero Emissions Research and Initiatives (ZERI). He has served on the National Governing Board of Engineers Without Borders-USA and on the Board of Directors of EarthLinks Colorado.

Donald R. Schregardus

Donald R. Schregardus has over 30 years of service as an environmental professional with federal and state agencies. He was appointed Deputy Assistant Secretary of the Navy (Environment) in November 2001 and reports to the Assistant Secretary of the Navy (Installations and Environment). Mr. Schregardus is the principal policy advisor on environmental programs, including conservation of natural and cultural resources, compliance with environmental laws and regulations, cleanup of contaminated sites, and marine resource protection. He also represents the Department of the Navy and coordinates for the Department of Defense Clean Air Act, Clean Water Act, and Ocean resource protection issues of importance to the services. Mr. Schregardus began his career with Argonne National Laboratory before joining the U.S. Environmental Protection Agency in 1974. He was the Region 5 water quality modeling expert and subsequently the Chief of the Compliance Section for the Water Division in Region 5. In 1991, Governor George V. Voinovich appointed Mr. Schregardus Director of the Ohio Environmental Protection Agency. As Director, Mr. Schregardus developed an award-winning voluntary pollution prevention program, substantially expanded public involvement in environmental policy and regulation, improved the scientific basis for environmental decision-making, convinced the General Assembly to double the Agency's budget, and developed an innovative privatized program to clean up contaminated industrial properties. Mr. Schregardus received a Bachelors of Science degree in Physics in 1972 and a Masters of Environmental Sciences degree in 1974 from Miami University, Oxford, Ohio.

John A. Starmer

John A. Starmer is a Coral Reef Biologist and Monitoring Section Manager at the CNMI Coastal Resources Management Office, where he has worked since 2001. He holds an MS in Marine Biology from the University of Guam and a BS in Biology and Fine Art from Saint Mary's College in Maryland. Mr. Starmer is currently a Ph.D. candidate at the University of Florida. He has co-authored numerous peer-reviewed and technical reports on marine ecology.

James Thomas

Mr. James Thomas is an Industrial Engineer, Co-Founder of Pacific Wind & Solar LLC, and is the Industrial Technologies & Energy Conservation Curriculum Coordinator for the Northern Marianas Technical Institute. As a 15 year resident of the Commonwealth with 25 yrs. of experience in power generation/mechanical systems and alternative energy/energy conservation systems implementation in remote and inclement weather regions of the world, he brings updated application technology and systems to the alternative energy solution sector for the Pacific area region.

Eugene Uehara

Eugene Uehara has been an instructor in the Auto Mechanics program at Palau Community College since 1973. He began teaching courses for water operators in 1998, beginning with on-site training in villages on Babeldaob Island in Palau. Since then, through the Micronesia Water and Wastewater Training Program, has since been involved in both classroom training and hands-on training for water and wastewater operators throughout Micronesia, conducting classes at utilities in the Marshall Islands, the Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, and throughout the Republic of Palau. He also served for many years as a member of the Palau Environmental Quality Protection Board, as well as the Koror State Zoning Commission and the Koror State Public Land Authority. His work on these boards, commissions and authorities makes him well-versed in many of the developmental and environmental issues throughout the region.

Elena Vaouli

LT Elena Vaouli of the U.S. Public Health Service is currently detailed to the American Samoa EPA where she serves as Water Program Manager. Elena's duties include directing water quality monitoring and laboratory activities, overseeing the Territory's drinking water compliance issues, and managing the agency's highly successful and environmental award-winning Piggery Compliance Program. Additionally, Elena co-developed and managed the U.S. Freely Associated States of Micronesia Laboratory Certification Program. Prior to her commissioning into the PHS, Elena's contributions to the AS-EPA include serving as an AmeriCorps member, Laboratory Manager, and Deputy Water Program Manager.

Herbert Wade

Dr. Herbert Wade has been working in the Pacific Islands since 1982 when he joined the Fiji Department of Energy as Senior Energy Planner then Director. He was Deputy Director of the Fiji based Pacific Energy Development Program from 1985-1989 and Program manager for the Tahiti based South Pacific Institute for Renewable Energy. Since 1993 he has been an independent energy consultant working in energy efficiency, renewables, rural development and energy policy throughout the world but with a special interest in small island states.

Howard C. Wiig

Howard C. Wiig is the Energy Codes specialist for the Hawaii State Energy Office. He has helped develop three generations of Hawaii's energy codes, and the Tropical Building Code, which CNMI adopted on May 1, 2009. Howard has a BA in the Field of Humanities from the University of California-Berkeley. He has also completed all but his dissertation for a PhD in American Studies from the University of Hawaii. Howard is the President of the Illuminating Engineering Society in Hawaii, Director of Engineers and Architects of Hawaii, President of Dark Skies International-Hawaii and serves on the Board of Directors for the International Codes Council on the Energy Conservation Codes Development Committee. Mr. Wiig has published numerous articles in scientific, technical and trade publications.

Wendy Wiltse

Wendy is an environmental scientist at EPA's H0nolulu Office. She has worked for EPA in Hawaii for over 15 years on coral reef and wetlands protection, watershed management, and water quality programs. She previously worked for EPA in San Francisco and Boston. Wendy has a Ph.D. in marine ecology from the University of Massachusetts.

Jonathan Woody

Jonathan's father was a water/wastewater operator, so he learned about the mechanical and process control strategies of plants growing up. Jonathan went to college in Albany, OR, receiving an Associates Degree in Water/Wastewater Technology. Since graduating, Jonathan has run systems throughout Oregon, including Crater Lake N.P. and commissioning the first ultra-filtration water treatment plant in Glide, OR. He went to Iraq with Halliburton in 2006 and served as an operator for reverse osmosis and conventional water systems. After 6 months Jonathan was promoted to system supervisor and spent the rest of his time designing, building and supervising water and wastewater systems for southern Iraq. Coming home in 2008, he took a position with DZSP-21 as Systems supervisor, focusing on process control, training, and SOP implementation.

Laura Yoshii

Laura Yoshii is Acting Regional Administrator of EPA's Pacific Southwest Office. Ms. Yoshii has served in a number of leadership positions since joining the agency in 1978, and has served as Deputy Regional Administrator since 1996. EPA's Pacific Southwest Region is large and diverse, encompassing the states of Arizona, California, Hawaii and Nevada; more than 140 tribal nations and communities; and Pacific islands such as American Samoa, Guam and the Northern Mariana Islands. It is headquartered in San Francisco, with some 850 employees based there, in field offices in Los Angeles, San Diego and Honolulu, and in a regional laboratory in Richmond, Calif.

Kathy Yuknavage

Kathy Yuknavage has held several positions in the environmental field, including supervising DEQ's laboratory, becoming a member of the interagency Marine Monitoring Team, and supervising the Dept. of Public Health's Bureau of Environmental Health. She returned to research when offered a position at Northern Marianas College, where she studied the efficacy of biological indicators for marine water quality. She was then offered a position as the Natural Resources Planner for the Coastal Resources Management Office. In 2005 she co-founded Mariana Islands Nature Alliance (MINA), a non-profit dedicated to protect, preserve and restore the full range of habitats that sustain the islands natural biodiversity and heritage. Ms. Yuknavage is presently the Vice President of Sphere, Inc., a professional management group based on Saipan. Her volunteer time is spent acting as MINA's environmental science advisor and planner.