Global Climate Change Summit

September 23, 2017

Joe Crowley Student Union Ballrooms
7:30am to 5:30pm
Reception to start at 5:30pm

Registration for the 2017 Global Climate Change Summit is now open!

Registration is $75.00 for regular attendees, $15.00 for any NSHE Faculty or Staff member with valid NSHE faculty/staff ID, and $10.00 for any NSHE Student with valid ID.

Space is limited so register today!

Register online at: www.business.unr.edu/GCCSummit2017. If you have any questions regarding the Summit, please contact Angelo Sisante by email (asisante@unr.edu) or Frederick Steinmann by email (fred@unr.edu) or by phone (775.784.1655).

The College of Business
UNIVERSITY OF NEVADA, RENO
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Session 1: Science of Climate Change

Session 1 will feature discussion on how the climate is changing, what the panelists believe to be potential current and future impacts, and even what actions could be potentially taken to mitigate climate change.

Panelists:

**Kevin Badik**: Dr. Kevin Badik joined The Nature Conservancy-Nevada Field Office in 2015 as the range land ecologist, where he works on a wide range of conservation issues in the Great Basin and northern Sierra Nevada ecosystems. Currently, Kevin’s work is centered on implementing Landscape Conservation Forecasting, a method that combines state-and-transition modeling and remote sensing, to forecast vegetation change across large landscapes in Nevada, Utah, and California. His research interest also includes how long-term climate patterns impact ecological processes. Kevin earned his PhD from the University of Nevada, Reno in the Ecology, Evolution, and Conservation Biology Program where he studied the ecological and evolutionary impact of fire on conifers. Prior to graduate school Kevin spent three field seasons in eastern Nevada and has a BSc from Ohio Northern University.

**Michael Dettinger**: Dr. Michael Dettinger is a senior research hydrologist for the U.S. Geological Survey’s Water Resources Mission Area (Water Cycle Branch), a resident scientist at the University of Nevada Reno, and a research associate of the Scripps Institution of Oceanography. Dettinger has monitored and researched the hydrology, climates, and water resources of the West for over 35 years, focusing on regional water resources, watershed modeling, causes of hydro-climatic variability and extremes (including atmospheric rivers and droughts), and climate-change influences. He has authored over 130 scientific articles in scholarly journals and books, 30+ government reports, and another 85 articles and reports in less formal outlets. These publications have been cited >17,000 times in the scientific literature, with 43 of the articles cited 100 or more times overall. He is a Fellow of the American Geophysical Union and Chair of the American Meteorology Society’s Water Resources Committee. He was a lead author on the Water Resources chapter of the most recent National Climate Assessment, co-organized the 2013 Southwest Climate Assessment report, and co-edited State of Bay-Delta Science reports in 2008 and 2016.

**Allan Ferrenberg**: Dr. Ferrenberg has worked on various R&D projects in the aerospace industry and on advanced diesel engine technology. He was employed as a civilian scientist by the Air Force, taught briefly and part-time at several universities, developed and operated his own small R&D company, and was employed at Rocketdyne. His aerospace R&D work generally involved modeling of combustion processes for aircraft fire and explosion protection, fuels research, and liquid rocket engine combutor R&D. At Rocketdyne, he managed the Advanced Combustion Devices Department, which was responsible for all advanced liquid rocket engine combutor research and development. This included the design, fabrication and testing of new concepts and engines as well as more basic combutor related research and combutor modeling. In his “retirement” he taught undergraduate and graduate courses in thermal sciences in the mechanical engineering department at UNR for seven years.
**Stephanie McAfee:** Dr. Stephanie McAfee is an applied climatologist interested in developing climate and climate change information suitable for management decisions. Most of her work has focused on Alaska and the western U.S. She works as an assistant professor of Geography at the University of Nevada, Reno and serves as the Nevada's Deputy State Climatologist.

**Michael G. Pravica:** Michael Pravica is a professor of physics at the University of Nevada, Las Vegas (UNLV). He is also member of the High Pressure Science and Engineering Center (HiPSEC) there and Senior Faculty Senator representing the College of Sciences at UNLV. He obtained his B.Sc. degrees in physics and applied mathematics (with honors) from Caltech. At Caltech, he discovered the ALTADENA effect which is widely used in magnetic resonance imaging and organic chemical synthesis as a sensitivity enhancement technique. Prof. Pravica then went on to earn his A.M. and Ph.D. degrees from Harvard University, studying the ortho-para conversion of hydrogen at very high pressures in a diamond anvil cell using Nuclear Magnetic Resonance (NMR), conducting the highest reported study of any substance at high pressure using NMR. Prof. Pravica's research interests involve the study of organic materials (including explosives) and inorganic materials under extreme conditions of pressure, temperature, and ionizing radiation. He has also enabled a new field of science that he terms useful hard x-ray photochemistry wherein the highly penetrating, highly ionizing, and highly focused properties of hard x-rays (>7keV) are harnessed to perform in situ and highly controllable chemistry. He has been granted one patent on these methods (along with another patent on nuclear transmutation doping of wide bandage semiconductors) and has one pending. He has over 65 peer-reviewed scientific publications to his credit. Prof. Pravica is also passionate about communicating the importance of science to the public and has thus has been very active in promoting the public understanding of science (e.g. climate change) in the mainstream media. He has over 500 letters to the editor and other opinion pieces published all over the world, and dozens of television and radio interviews to his credit. In 2013, he received the CSUN Student Government Faculty Excellence award and the UNLV College of Science Distinguished Teacher Award in 2014. He was appointed a UNLV Teaching Academy Fellow also in 2014. In 2013, he was awarded honorary membership in the Serbian Royal Academy of Arts and Sciences along with their Nikola Tesla medal in part due to his extensive efforts to promote and popularize the Serbian-American inventor, Nikola Tesla.

**Amy Shannon:** Amy Shannon is an Associate Professor and Life Sciences Librarian at the University of Nevada, Reno. She studied ecology and evolutionary biology at the University of Arizona, and then went on to earn a Master's in Library Science. She has worked extensively with science researchers and students at Texas A&M University, the University of Oklahoma, and for the past 21 years, at UNR.
Session 2: Economics of Climate Change

Session 2 will feature discussion on the economics of climate change including how different markets are affected by climate change through imperfect information and externalities, a discussion regarding the economic issues surrounding climate change, and the potential economic solutions to climate change.

Panelists:

**Stephen P. A. Brown:** Stephen P. A. Brown is Professor of Economics at the University of Nevada Las Vegas. He is also a Visiting Fellow at Resources for the Future and an editor of the international academic journal Energy Policy. Formerly the director of energy economics at the Federal Reserve Bank of Dallas, Stephen has numerous published articles about energy markets and policy and microeconomic public policy. He is on the advisory board for the journal Energy Economics, and a regular participant in meetings of the Stanford Energy Modeling Forum. He previously served on the American Statistical Association’s advisory board for the U.S. Energy Information Administration. He developed MarketSim, an energy-market simulation model used by the U.S. Department of Interior to evaluate offshore oil and gas leasing. He was honored as a senior fellow by the U.S. Association for Energy Economics in 2008, and his coauthored article, “What Drives Natural Gas Prices?” was recognized by the International Association for Energy Economics as the best article published in The Energy Journal during 2008. His current research includes oil and energy security, the aggregate economic effects of world oil supply disruptions, natural gas markets, and the role of public policy in a market economy.

**Jim McClenahan:** Jim McClenahan’s mission is to link the University of Nevada, Reno College of Business’s most valuable asset – its students – with companies that will benefit from their skills and talent. As the college’s director of corporate relations and outreach, McClenahan is responsible for connecting students to businesses through community events, internships, mentorships and providing contacts for career opportunities. He is also responsible for recruitment of new graduate students to The College of Business and for administering the college’s Corporate Partners program. McClenahan also teaches marketing in The College of Business and runs the Nevada Global Business Program, designed to give graduate and undergraduate students short, experiential, international course experience. McClenahan holds a master’s degree in business administration from the University of Nevada, Reno and bachelor’s degree in economics from the University of California, Santa Cruz. McClenahan recently finished his term as the past chairman of the board for The Chamber. He currently serves on the board of directors for United Federal Credit Union and Junior Achievement. He also serves The Chamber board as liaison between the Chamber and the University. McClenahan is president of the Pastoral Council at St. Albert the Great Catholic Church. McClenahan previously served on the boards of the Economic Development Authority of Western Nevada, Western Industrial Nevada, Schools to Careers Committee and the Latino Education Foundation. He and his wife Karen have lived in Reno for the last 17 years and enjoy all the outdoor activities the Truckee Meadows has available.
Frances C. Moore: Frances C. Moore is an Assistant Professor in the Department of Environmental Science and Policy at the University of California Davis, working at the intersection of environmental economics and climate science. Her research seeks to improve our knowledge of the economic and social impacts of climate change and to better understand our ability to adapt to those impacts, with a particular focus on the agricultural sector. To do this she combines econometric analysis, experimental approaches, climate model output, and economic modeling. Dr. Moore holds a PhD in Environment and Resources and an MA in Economics from Stanford University, a MSc. from the Yale School of Forestry and Environmental Studies, and a B.A., summa cum laude, in Earth and Planetary Science from Harvard University.

Dilek Uz: Dr. Dilek Uz is a research assistant professor at the Economics Department of the University of Nevada, Reno. She is an applied microeconomist who specializes in the economics of renewable energy resources particularly solar energy. Her area of interests include the interconnection of economics, politics, and the regulatory landscape of distributed generation in the United States as well as how the storage technology and using state of the art machine learning methods for solar forecasting can affect the economics of solar. Dilek has graduated with a PhD from UC Berkeley in the field of Environmental and Resource Economics in May 2016.
Session 3: Local Government in Climate Change

Session 3 will feature a number of panelists discussing how local governments have approached climate change mitigation and the barriers they face in pursuing different best and shared practices. Panelists will further discuss the importance of resiliency planning for local infrastructure and whether or not local government is best suited to spearhead these activities.

Panelists:

**David Bobzien:** David Bobzien was appointed to the At Large Council Member seat on December 3, 2014 by the Reno City Council. He filled the seat vacated by Hillary Schieve who won election as Mayor and was elected to the At Large seat in November 2016. Mr. Bobzien was born in Washington, D.C. and holds a B.A. in Government and Politics from George Mason University and a Masters of Public Administration with an emphasis in Natural Resources and Public Lands Policy from Boise State University. For the last 15 years Mr. Bobzien has dedicated himself to serving the residents of Reno, beginning with his service on the City of Reno Recreation and Parks Commission. He most recently served four terms as Assemblyman, District 24 in the Nevada Legislature from November, 2006 until being appointed to the Reno City Council. He has a long history of partnership with the City of Reno on legislative issues, including establishing a special license plate to benefit Reno recreation and parks; bicycling safety; strengthening penalties for illegal dumping; assisting in combating blight and many other initiatives. He knows the value of collaboration and a spirit of cooperation and problem solving for the benefit of our community. He’s excited about the strides Reno has made and looks forward to achieving even greater prosperity in the years to come. Councilmember Bobzien was recently appointed to the U.S. Environmental Protection Agency’s (EPA) Local Government Advisory Committee. His role on the committee will be to advise the EPA on the challenges and opportunities national policy present to state and local governments. He is the lone Nevadan on the committee. In his spare time, he enjoys a range of outdoor recreational pursuits, including running, hunting, fly fishing, and spending time with his three children, twin sons Luca and Finnegan and daughter Carly.

**Peter Gower:** Peter Gower is an environmental planner with Environmental Management and Planning Solutions, Inc., where he supports the environmental and sustainability planning needs of government and commercial clients. He is the chairman of the Reno City Planning Commission and member of the Truckee Meadows Regional Planning Commission. In 2015, Mr. Gower chaired a City Manager appointed committee tasked with developing climate change mitigation and resilience recommendations for Reno. Currently, he is collaborating with city staff and several other stakeholders to implement the recommendations. Mr. Gower holds a Masters in Land Use Planning from the University of Nevada, Reno.
Devin Middlebrook: Devin Middlebrook was born and raised in South Lake Tahoe and is the sustainability program coordinator for the Tahoe Regional Planning Agency. Devin earned his bachelor's degree in business administration and sustainability from California State University, Chico and went on to receive his MBA from California State University, Sacramento. In his role at the Tahoe Regional Planning Agency Devin leads implementation of the Lake Tahoe Sustainability Action Plan to bring climate change resiliency and adaptation to the region. Much of this work revolves around land use, transportation, energy, and community engagement. Growing up in Tahoe gave Devin an appreciation for the environment and getting outdoors and the passion to ensure future generations have the same experience.

Julie Regan: Julie has 25 years of professional communications and government affairs experience in both the public and private sectors. Since 2003, Julie has worked for the Tahoe Regional Planning Agency and currently serves as a member of the Agency's executive team in her capacity as Chief of External Affairs. Her areas of expertise include strategic planning, media relations, writing, government relations, public speaking, community outreach, and environmental issues management. Her previous experience ranges from publishing Treasures by the Sea magazine to running the marketing and real estate arm of ResortQuest International in Bethany Beach, Delaware. Julie also worked in the water, electric, and natural gas utility industries where she specialized in change management and branding. Regan has a bachelor of arts degree in communications from the University of Delaware and a master's in journalism from Temple University in Philadelphia. She is accredited by the Public Relations Society of America and is pursuing a Ph.D. in Environmental Science and Policy at the University of Nevada, Reno. Regan is also the Co-Chair of the nationally-focused Network for Landscape Conservation. Originally from Delaware, Regan has lived in the Florida Keys and now resides in South Lake Tahoe's Christmas Valley with her husband and dogs. She is active in the community and is the former Chair of the Barton Hospital Foundation Board of Trustees. She enjoys skiing, mountain biking, hiking, and traveling.

Mervin Wright: Mervin Wright is currently employed by the Pyramid Lake Paiute Tribe as their Environmental Manager and began on August 3, 2015. He served the Fallon Paiute-Shoshone Tribe as their Tribal Resource Manager from February 2013 to February 2015. He was elected as the Tribal Vice Chairman for the Pyramid Lake Paiute Tribe (PLPT) in December 2010 and served until January 2013. He was elected as the Tribal Chairman in March 2007 and again in December 2008. Prior to being elected he was hired by the PLPT as the Environmental Director in June 2006. He was employed by the Tribe from 1999 to 2006 as a GIS Specialist. Served a previous term as the Tribal Chairman from 1997 to 1999 and was employed by the PLPT as the Director of Water Resources from October 1991 to January 1997. He also served as the Tribal Vice Chairman from 1995 to 1997. He was employed by the Carson Valley Meats as butcher from September 1990 to October 1991. He graduated from the University of Nevada Reno with a Master's degree of Science in Hydrology in August 2006. He received his undergraduate Bachelors of Science degree in Agriculture Engineering in 1990 from California State University at Chico. He attended Lassen Community College in Susanville, California from 1983 to 1985. He graduated from Pyramid Lake High School in 1982.
Session 4: Industry in Climate Change

Session 4 will focus on how the private sector is addressing and pursuing the benefits of clean energy and sustainable business practices. Panelists will share some of the mitigation and adaptation innovations their firms have made and discuss the feasibility of how these strategies may be applied to other firms in their industry or in other industry sectors.

Panelists:

Richard Bartholet: During his 20 years at UNR, Richard Bartholet has been involved in a variety of business and economics projects including research, policy recommendations, economic development and outreach. Projects have involved a wide range of topics including community strategic planning, comprehensive economic development strategies, building codes training and implementation, energy and energy efficiency, water conservation, business feasibility analyses, homelessness costs and policy recommendations, economic impact analysis, and fiscal impact analysis. Prior to UNR, Richard was an owner, president and corporate broker at Pennington & Associates, a business brokerage firm in Reno, Nevada. In this capacity, he was involved in hundreds of transactions involving private equity investments in closely-held business. Other prior experience includes being a founder and business manager for SUMMIT Engineering Corporation, a Nevada-based civil engineering firm. Richard got his undergraduate degree in Business at Montanan State University and his MBA at the University of Nevada, Reno. Richard is on the board of directors of the Nevada Capital Investment Corporation, and is past president and current board member of the Regional Alliance for Downtown.

Jeanne L. Benedetti: Jeanne joined Fulcrum in 2007 and brings to the Project more than 30 years of experience in project and business management, marketing and engineering acquired through working for renewable energy, power and gas and electric companies. Jeanne led Fulcrum’s project development effort on Fulcrum’s Sierra BioFuels, LLC’s MSW-to-renewable fuels project located in Storey County, including securing required permits and utilities, and negotiating land and water purchases. She has worked at a senior level on legal review, environmental and compliance issues, risk management, business development and engineering review. Jeanne has a J.D. from John F. Kennedy University College of Law, an M.B.A. in Business from the University of Houston and a B.S. in Chemical Engineering from the University of California, Santa Barbara.

Betsy Fadali: Betsy Fadali is a Reno native and an economist with the Nevada Housing Division. She has a Ph.D. in Resource Economics from UNR. Her training in Resource Economics is partly why she became interested in Citizens’ Climate Lobby carbon fee and dividend. Before working at the Housing Division, Betsy worked at the University Center for Economic Development and in the Nevada State Demographer’s Office. Her dissertation was titled Water Use, Virtual Water and Water Footprints: Economic Modeling and Policy Analyses. Water footprints are related to carbon footprints, both of which help track resource use.
**Tom Polikalas:** Tom Polikalas has been the Nevada representative of SWEEP for the past for years. In 2016, he served on the Clean Energy Technical Advisory Committee to the Governor’s New Energy Industry Task Force, a committee that developed several of the energy efficiency legislative concepts that were introduced as bills in 2017. Tom was also part of the recent successful lobbying effort which advanced energy efficiency, clean energy financing, and improved regulatory processes—all designed to help consumers save money, create jobs, and produce other economic and environmental benefits. Prior to joining SWEEP, Tom worked for 15 years in marketing and communications for national award winning electric cooperatives in Colorado and Nevada. He has also worked for organizations ranging from the Nevada Energy Office to the National Energy Management Institute. He has a BA in Economics from UNR and did masters work in economics at UNR and BYU.

**John C. Sagebiel:** Dr. John C. Sagebiel has a Ph.D. in Environmental Chemistry and an undergraduate degree in Environmental Toxicology, and holds a LEED Accredited Professional certification. He has an extensive research background in impacts and assessments of air pollution sources as well as the impacts of alternatives. Through this work he began broadening his research interests into all aspects of human impacts on the earth and the nexus between water, energy, food, transportation and human exposure. This broader sustainability focus led him to his position at UNR which began as the Environmental Affairs Manager and later became the Assistant Director for Environmental Programs. He also currently Chairs the University’s Sustainability Committee and works on UNR's STARS rating. John has a strong interest in communicating complex scientific issues to less technical audiences and has taught several experimental courses with UNR English professors Scott Slovic and Cheryll Glotfelty to look at literary and other approaches to teaching the complex concepts of sustainability to broader audiences. He has provided mentoring and guidance to undergraduate researchers as well as mentored graduate students, and continues to pursue opportunities to assist in this way. He also takes his work home, having designed and built (together with his wife, Dr. Mary Cablk of DRI) a zero-net energy home which he built in tools to assess the performance of the home and optimize his energy use. He is an avid cyclist who competes in ultra-endurance mountain bike races and rides his human-electric hybrid bike to work, when he’s not driving one of his two electric cars.
Session 5: Social Impact of Climate Change

Session 5 will begin with a discussion of scarcity, focusing on how food, potable water, and habitable land could potentially be impacted by climate change. Panelists will further discuss how certain demographic groups may be affected by climate change differently than other groups.

Panelists:

**Ana Casareto:** Ana Julia Casareto was born in Argentina but she and her family immigrated to the U.S. in 1981. Ms. Casareto is doctoral candidate of Biological Anthropology at UC Berkeley. Her focus of research is the evolution of the unpigmented sclera of hominins. Her extensive knowledge of evolutionary neurobiology and anatomy, primatology, evolutionary biology, human evolution, and the various anthropological fields urged Ms. Casareto to become a recurrent visiting lecturer at UC Berkeley while holding adjunct lecturer positions at San Jose State University and De Anza College in California. Committed to community service and the advancement of underrepresented populations in the sciences and skilled trade, Ms. Casareto co-founded and co-organized “Applying Anthropology in Silicon Valley Industries” a career focused workshop at De Anza College. The workshop targets exceptional first-generation students to collaborate with local Silicon Valley industries such as NASA, Google, Cisco, and various start-ups. The workshop is designed to allow approximately 50-100 students to work on real world business scenarios using anthropological skills as well as provide mentoring and networking with high-ranking Silicon Valley professionals. Ms. Casareto and her husband recently moved to Carson City where she continues her service to the community. She is the treasurer of PFLAG Carson Region, the largest national organization for parents, families, friends, and allies of lesbian, gay, bisexual, transgender, or queer. Ms. Casareto co-founded and co-organized the Northern Nevada March for Science, a satellite march of the non-partisan global movement and activism of scientists and science advocates emphasizing that evidence-based facts obtained via thorough research, evaluation, and analysis can be involved in policy making affecting the well-being of a population. Ms. Casareto is the co-founder and currently sits on the board of the Northern Nevada Science Alliance, a non-profit organization focusing on community engagement, education, and science-based government policy. Ms. Casareto has recently joined the planning committee of the Carson City based Sierra Nevada Forums, a non-profit organization that provides citizens with fact-based, verifiable information to assist them in making well informed decision on issues of importance to the community and beyond. Finally, Ms. Casareto is the founder and lead organizer of the upcoming educational program Education is Power where people of all ages, sexes, and ethnicities get free academic help in Carson City.

**David Gibson:** David Gibson is a leader for social and environmental justice. For more than a decade, he has led programs and projects relating to energy efficiency, clean energy, green building and sustainability. He tackles challenges with enthusiasm, and has been successful in roles with business, non-profit organizations and government agencies. He prefers to lead by example, and his daily life is testament to his sustainability ethos. He currently serves as the Vice Chair of the Sierra Club Toiyabe Chapter, on the Market Leadership Advisory Board for the US Green Building Council Nevada Chapter, and as the founder of Powered by Sunshine, a non-profit initiative with the goal of 100% clean energy statewide in Nevada. When he’s not leading sustainability efforts, he enjoys skiing, hiking, camping, traveling, and cooking local organic food with his wife.
**John Hadder**: John E. Hadder is currently the Executive Director for Great Basin Research Watch, and teaches chemistry and math at Truckee Meadows Community College. His academic background is in physical chemistry with a MS from the University of Cincinnati, and continued graduate studies at the University of Nevada, Reno in the area of theoretical chemistry. In 1991 he first visited the Nevada Test Site and became involved with work around nuclear issues in Nevada. Since that time he has been applying his knowledge of chemistry and science to public policy and environmental issues. Over the years he has worked in areas of community planning, non-violence and peace work, energy, sustainable transportation, indigenous rights, and general environmental protection. He has developed skills in activism and organizing, and spent time traveling within the Great Basin learning about the land and its people.

**Escenthio “Thio” Marigny**: Escenthio “Thio” Marigny is PLAN’s environmental justice organizer in Reno. He began working with PLAN as an intern during the summer of 2015. Thio started organizing in his hometown of Oakland in high school after witnessing and experiencing the intersecting impacts of class, racial, and gender oppression. Thio has previously organized around education, anti-war, racial, and economic justice.

**Stallar Lufrano-Jardine**: Stallar Lufrano-Jardine, MBA is the Director of Career Services with The College of Business at the University of Nevada. Stallar guides and counsels students seeking career opportunities, along with hosting events that brings students and employers together. She is also pursuing her Ph.D. in Environmental Leadership through the College of Education, with the goal of implementing environmentally sustainable practices at universities and within local governments. As a fellow of The Climate Reality Project, founded and instructed by former Vice President Al Gore, she presents climate change research to unconventional groups throughout Northern Nevada.
Session 6 will focus on three primary areas. First, panelists will discuss how different national security issues are impacted by climate change. Second, panelists will discuss how climate change is currently and may potentially act as a conflict catalyst locally and globally. Third, panelists will explore the possibility of climate change affecting energy security domestically and how the interests of the United States are affected.

Panelists:

**Pat Mulroy**: A leader in the international water community for more than 25 years, Pat Mulroy serves as a Non-Resident Senior Fellow for Climate Adaptation and Environmental Policy and also as a Practitioner in Residence for the Saltman Center for Conflict Resolution at the UNLV William S. Boyd School of Law. Mulroy also serves on the Wynn Resorts Ltd Board of Directors. Between 1989 and early 2014, Pat Mulroy served as General Manager of both the Las Vegas Valley Water District, a municipal purveyor serving more than 350,000 accounts, and the Southern Nevada Water Authority (SNWA), the regional agency responsible for acquiring, treating and delivering water to two million Southern Nevadans and 40 million annual visitors. Mulroy was a principal architect of the SNWA, helping to guide Southern Nevada through an unprecedented period of growth and one of the worst droughts in the history of the Colorado River. As general manager of one of the country’s most progressive water agencies, Mulroy was exceptionally active in regional and national water issues, a passion she brings to her current role. She previously was on the board of the National Water Resources Association and was a member of the American Water Works Association. Additionally, she was the original chairperson of the Western Urban Water Coalition, is immediate past president of the Association of Metropolitan Water Agencies, and has served on the Colorado River Water Users Association’s board of directors. At UNLV’s Boyd School of Law and DRI, Mulroy’s focus is on helping communities in water-stressed areas throughout both the American Southwest and the world develop strategies to address increased water resource volatility and identify solutions that balance the needs of all stakeholders. In her faculty role at DRI, Mulroy also will explore the role of technology in optimizing the use of water resources.

**John A. Scire**: Dr. John Anthony Scire is an Adjunct Professor in the Political Science Department at the University of Nevada, Reno. He received his BA in International Relations from the University of Maryland, College Park, MBA from Golden Gate University, and Ph.D. in Political Science from the University of Nevada, Reno. Dr. Scire has over twenty years of experience in teaching undergraduate and graduate level Energy Policy and Politics courses, and has developed and taught courses in Foreign Policy, International Conflict, Climate Change Adaptation and Mitigation Policy, Comparative Government and Politics, and American Constitution and Government. Prior to his teaching career, Dr. Scire served for over a decade as an Active Duty Marine Corps Infantry Officer, with combat and non-combat assignments in Asia, the Caribbean, and with the National Security Agency. Following his career in the Marine Corps, Dr. Scire served as a Psychological Warfare Specialist at the U.S. Army Reserve’s 351st Civil Affairs Command where he participated in Intelligence, Counterintelligence, and Psychological Warfare operations in Germany and Korea. He retired as an Army Captain. He has participated in multiple articles, presentations, and panel discussions on Energy and National Security topics. In 2013, he received the 2013 Dean of the College of Liberal Arts Teaching Award for Contingent Faculty.
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