EPRI's 22nd Energy and Climate Research Seminar
Speaker Bios

John Bistline

Dr. John Bistline is a Principal Technical Leader in the Energy and Environmental Analysis Group at the Electric Power Research Institute (EPRI). His research analyzes the economic and environmental effects of policy and technological development to inform energy systems planning and company strategy. Dr. Bistline's current research activities examine renewable integration, climate risk management, electrification, and the impacts of federal and state climate policies. Dr. Bistline earned a Bachelor of Science degree in Mechanical Engineering and Engineering and Public Policy from Carnegie Mellon University, a Master of Science degree in Mechanical Engineering, and a doctorate in Management Science and Engineering from Stanford University.

Geoffrey Blanford

Dr. Geoffrey J. Blanford is a leading expert on integrated assessment and energy economy modeling. His research activities include development of analytical tools such as the MERGE model and the US-REGEN model with applications including electricity markets, end-use electrification, and international climate policy. Dr. Blanford is a Technical Executive and Program Manager for Energy and Climate Policy Analysis with the Electric Power Research Institute (EPRI) in Palo Alto, CA, where he has worked since 2006. He was a lead author for the Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report and serves as co-director of the International Energy Workshop (IEW). He holds a B.A. in mathematics from Yale University, a M.S. in operations research from Columbia University, and a Ph.D. in Management Science and Engineering from Stanford University.

Brenda Brickhouse

Brenda Brickhouse joined TVA in June 2010. As Vice President for Environment and Energy Policy and Chief Sustainability Officer, she is responsible for TVA's environmental management system, environmental policy, and sustainability. She previously led Environmental Permitting and Compliance which included environmental operations and site support. She joined TVA from Progress Energy where she was Director Environment, Health and Safety in Power Operations providing permitting and compliance support to fossil and nuclear generation. Her areas of expertise are largely focused on operations and environmental work including permitting and regulatory compliance, power plant and transmission line siting, natural resources management, remediation of formerly polluted sites, and managing all aspects of power plant operations environmental compliance in air, water and hazardous materials. Leadership experience includes transmission construction project manager, distribution operations manager, and plant manager (hydro and fossil).

Judsen Bruzgul

Dr. Bruzgul has more than 18 years of experience analyzing potential impacts from climate change and connecting insights to management and policy decisions. As a Sr. Director at ICF, a private-sector consulting firm, he helps clients assess vulnerabilities and manage risks from a changing climate and extreme weather to infrastructure and natural resources in the U.S. and abroad. Dr. Bruzgul's expertise includes translating climate science into practical information for decision making, conducting risk assessments for assets and operations, analyzing costs and benefits of resilience actions, and supporting long-term planning for climate adaptation and resilience. He currently leads a portfolio of work assessing risks and building resilience to extreme weather and climate change with energy utilities across the U.S. Prior to joining ICF, Dr. Bruzgul was a Visiting Fellow with the American Meteorological Society Policy Program, and also worked at the White House Council on Environmental Quality developing and implementing resilience policy recommendations for the U.S. Dr. Bruzgul earned his Ph.D. from Stanford University in biological sciences and has a B.A. degree from Middlebury College.

Kate Calvin

Dr. Kate Calvin is a scientist at the Pacific Northwest National Laboratory's Joint Global Change Research Institute in College Park, MD. Her research focuses on integrated human-Earth system modeling, including work on both the Global Change Assessment Model (GCAM), an integrated assessment model, and the Energy Exascale Earth System Model, an Earth system model. Her recent work has examined interlinkages between energy-water-land, human-Earth system feedbacks, and scenario development. She received BS degrees in Mathematics and Computer Science from the University of Maryland and MS and PhD degrees in Management Science and Engineering from Stanford University.

Marc Campbell

Marc Campbell has been with Salt River Project (SRP) for 21 years. During that time, he has served in a variety of positions, including Historical Analyst, Land Agent, Water Planning Analyst, and Water Rights Analyst. Marc currently manages the Sustainability Policy and Programs Department, a position he has held since October 2014. In that role, Marc is responsible for leading development and execution of SRP's corporate sustainability strategy, which addresses core components of SRP's business and key community issues, including carbon emissions reductions, water resiliency, and customer and grid enablement. Recently, Marc also led a comprehensive internal process to develop SRP's corporate position on climate change. Marc holds a B.A. in History from Rutgers University and an M.A. in History from the University of Oregon.

Delavane Diaz

Dr. Delavane Diaz is a Principal Technical Leader in the Energy and Environmental Analysis Group at the Electric Power Research Institute (EPRI) where her research focuses on the implications of climate and energy policy on the electric sector, resiliency and risk management strategies, and the social cost of carbon. Her doctoral dissertation examined the representation of climate impacts, adaptation, and mitigation technology costs in integrated assessment models. Delavane served as a chapter author on the Fourth National Climate Assessment and is currently a chapter scientist for the IPCC WGII Sixth Assessment Report. Before joining EPRI, she served as an Air Force acquisitions officer, working on a space surveillance radar program at Hanscom AFB in Massachusetts. Delavane is a graduate of the U.S. Air Force Academy with a B.S. in Astronautical Engineering and earned a M.Sc. in Environmental Change and Management at the University of Oxford as a Rhodes Scholar. She also earned a Ph.D. in Management Science and Engineering at Stanford University.

Jae Edmonds

Dr. Jae Edmonds is a researcher at the Joint Global Change Research Institute a collaboration between the Pacific Northwest National Laboratory (PNNL), where he is Chief Scientist and Battelle Fellow, and at the University of Maryland in College Park, where he is College Park Professor of Public Policy. He is one of the pioneers in the field of integrated assessment modeling of global change. His research focuses on interactions between global and regional energy, technology, economy, land, water, atmosphere, and climate systems and global change. His work spans four decades, producing several books, numerous scientific papers and countless presentations. His work has more than 26,000 citations. In 1978 he began what has developed into the Global Change Assessment Model, a frontier-class integrated model of energy, economy, water, land and climate interactions. He has been an active participant in all of the major assessments of the Intergovernmental Panel on Climate Change. He serves on numerous committees, panels and advisory boards.

Alex Fitzsimmons

Alex Fitzsimmons is Chief of Staff for the Office of Energy Efficiency and Renewable Energy at the U.S. Department of Energy. In his current role, Alex leads strategic planning, policy and communications, supporting the Assistant Secretary in advancing the mission of the office. Prior to joining the Department of Energy, Alex worked on energy policy for a variety of D.C.-based organizations, including the Institute for Energy Research, where he served as the Policy Director managing energy and environmental issues at the state and federal level. Alex is a graduate of The George Washington University in Washington, D.C.

Brian Flannery

Brian Flannery joined Resources for the Future as a Visiting Fellow in 2012. At RFF he continues involvement on climate and energy issues that began in 1980 when he joined Exxon's Corporate Research Laboratory. In 2011 he retired from Exxon Mobil Corporation as Science, Strategy and Programs Manager. Flannery served on several editorial and advisory boards, among them: Stanford University School of Engineering, Annual Reviews of Energy and Environment and the International Geosphere Biosphere Program, and participated in assessments of the US DOE and EPA and IPCC Working Group III (3rd and 4th Assessments). Before Exxon, Flannery pursued a career in astrophysics. He received degrees from Princeton (AB) and the University of California Santa Cruz (PhD) and held positions as a post-doctoral associate at the Institute for Advanced Study and assistant and associate professor at Harvard. Flannery's current interests center on developments in the Paris Agreement and challenges of reconciling obligations under the WTO and UNFCCC—in particular, border tax adjustments.

David Greene

David L. Greene is a Senior Fellow of the Howard H. Baker, Jr. Center for Public Policy and a Research Professor of Civil and Environmental Engineering at The University of Tennessee. In 2013 he retired from Oak Ridge National Laboratory as a Corporate Fellow after a 36-year career researching transportation and energy policy issues. He is an author of 300 hundred professional publications including more than 100 articles in peer-reviewed journals. Dr. Greene has served on more than a dozen special committees of the National Academies and is currently a member of the Committee for the Assessment of Technologies for Improving Fuel Economy of Light-Duty Vehicles. A member emeritus of the Transportation Research Board's standing committees on Energy and Alternative Fuels, Dr. Greene is also a Lifetime National Associate of the National Academies and recipient of the Transportation Research Board's 2012 Roy W. Crum Award. He was recognized by the

Intergovernmental Panel on Climate Change for contributing to the award of the 2007 Noble Peace Prize to the IPCC. He holds a Ph.D. in Geography and Environmental Engineering from The Johns Hopkins University as well as degrees in Geography from the University of Oregon (MA) and Columbia University (BA).

Whitney Herndon

Whitney Herndon is a Senior Analyst at Rhodium Group focused on US energy markets and policy. Whitney employs a range of energy and economic models to analyze the impact of policy proposals on the US electricity sector, energy market and macroeconomy. Her expertise includes utility ratemaking, carbon dioxide emissions regulation and decarbonization of the electric power sector. Before joining Rhodium, Whitney was a policy analyst at the Nicholas Institute for Environmental Policy Solutions at Duke University. She has a Bachelor's degree in Environmental Systems and Molecular Biology from the University of California, San Diego and a Master's of Environmental Management from Duke University.

David Hunter

Dr. David Hunter is Senior Advisor for Government and External Relations at the Electric Power Research Institute (EPRI) and has more than 25 years' experience in energy and environmental policy. He has the principal responsibility at EPRI for federal relations, where he has focused on a variety of issues including electrification, energy analytics, decarbonization, the energy-water nexus, renewable energy, resiliency and pollinators. Prior to joining EPRI, he was the founding US Director of the International Emissions Trading Association and ran IETA's state, regional, and federal programs at a time when emissions trading was one of the top two domestic issues in the US. Hunter spent 9 years on Capitol Hill, where he was Staff Scientist for the Senate Homeland Security and Governmental Affairs Committee, principal energy and environment advisor to Senator Susan Collins of Maine, and an American Geophysical Union Congressional Science Fellow. He has a Ph.D. in Earth Science from the Scripps Institution of Oceanography and a B.S. in Natural Resources from Cornell University.

Chris Jones

Professor Jones is the William R. McLain Chair and Professor of Chemical & Biomolecular Engineering at Georgia Tech. Dr. Jones leads a research group that works in the broad areas of materials, catalysis and adsorption. He is known for his extensive and pioneering work on materials that extract CO_2 from ultra-dilute mixtures such as ambient air, which are key components of direct air capture (DAC) technologies. For the past decade, he has worked closely with Global Thermostat LLC, on DAC technology development. Jones has published almost 300 peer-reviewed scholarly papers on catalysis and separations, and has mentored 100 MS, PhD and Post-doctoral students over the past 20 years. Dr. Jones is the founding Editor-in-Chief of the journal, *ACS Catalysis*, and is Vice-President of the North American Catalysis Society.

Noah Kaufman

Dr. Noah Kaufman joined Columbia University's Center on Global Energy Policy (CGEP) as a research scholar in January 2018. Noah works on climate and clean energy policies and directs CGEP's Caron Tax Research Initiative. At World Resource Institute, Noah led projects on carbon pricing, the economic impacts of climate policies, and long-term decarbonization strategies. Under President Obama, he served as the Deputy Associate Director of Energy & Climate Change at the White House Council on Environmental Quality. Previously, he was a Senior Consultant in the Environment Practice of NERA Economic Consulting. Noah received his BS in economics, cum laude, from Duke University, and his PhD and MS in economics from the University of Texas at Austin, where his dissertation examined optimal policy responses to climate change. He has published peer-reviewed journal articles on the

social cost of carbon dioxide emissions and the role of risk aversion in environmental policy evaluations, among other topics.

Yoon Kim

Dr. Yoon Kim has over a decade of experience working with public and private sector entities in the US and globally to assess physical climate risks and identify climate resilience opportunities. At Four Twenty Seven, she leads the Advisory Services and works closely with investors, corporations, and governments to assess the impacts of physical climate risks, support the integration of adaptation into strategic planning processes, strengthen climate policy and governance, and build capacity. Yoon holds a D.Phil. in Development Studies from the University of Oxford.

Drew Kodjak

Drew Kodjak is an environmental attorney with 25 years of experience working with governments to address air pollution from vehicles and fuels. He is currently the executive director of the International Council on Clean Transportation, an organization that he co-founded in 2005 to support governments in the top vehicle markets develop policies to improve the environmental performance and energy efficiency of all modes of vehicles and fuels. Prior to joining the ICCT, Mr. Kodjak served as Attorney- Advisor for the U.S. Environmental Protection Agency, during which time he contributed to regulatory developments of major rulemakings. Mr. Kodjak held a number of previous positions with a range of non-profit organizations including the Bipartisan Policy Center (then NCEP), and the Northeast States for Coordinated Air Use Management (NESCAUM). Mr. Kodjak is a graduate of New York University and Boston University Law School where he graduated with honors in 1991.

Michael Mastrandrea

Michael Mastrandrea is director of Near Zero and a Senior Research Associate at the Carnegie Institution for Science on Stanford University's campus. Near Zero is a non-profit climate and energy research organization providing credible, impartial, actionable assessment to inform the design and implementation of scientifically grounded climate policy. He previously worked for the Intergovernmental Panel on Climate Change (IPCC) from 2009 until 2015. As Co-Director of Science for the IPCC Working Group II Technical Support Unit, he helped lead the development of the IPCC Fifth Assessment Report, a global assessment of climate change science, risks, and policy options. Michael was an Assistant Consulting Professor at the Stanford Woods Institute for the Environment from 2009-2014, and received his Ph.D. from Stanford's Emmett Interdisciplinary Program in Environment and Resources.

David McCollum

David McCollum is a Principal Technical Leader in the Energy and Environmental Analysis Research Group at the Electric Power Research Institute (EPRI). His main fields of scientific interest include techno-economic analysis of advanced energy and transport technologies and the development and application of energy-economic systems (integrated assessment) models for scenario analysis on matters related to electrification, low-carbon transport, sustainable development goals, and financing needs for the energy system transformation. Before joining EPRI, Dr. McCollum was a Senior Research Scholar with the Energy (ENE) Program at the International Institute for Applied Systems Analysis (IIASA) in Laxenburg, Austria. Dr. McCollum has served as an author of the Global Energy Assessment; Intergovernmental Panel on Climate Change (IPCC Working Group III) Fifth Assessment Report (AR5); IPCC Special Report on Global Warming of 1.5 °C; as well as reports for the World Bank and International Council for Science (ICSU), among others. Dr. McCollum received a PhD and MS in Transportation Technology & Policy from the University of California, Davis (USA),

Institute of Transportation Studies; an MS in Agricultural & Resource Economics from the same institution; and a BS in Chemical Engineering from the University of Tennessee (USA).

Gregory Nemet

Gregory Nemet is a Professor at the University of Wisconsin–Madison in the La Follette School of Public Affairs. He teaches courses in energy systems analysis, policy analysis, and international environmental policy. Nemet's research focuses on understanding the process of technological change and the ways in which public policy can affect it. He received his doctorate in energy and resources from the University of California, Berkeley. His A.B. is in geography and economics from Dartmouth College. He received an Andrew Carnegie Fellowship in 2017 and is using it to write a book on how solar PV provides a model for low carbon innovation.

Karen Palmer

Karen Palmer has been a researcher at Resources for the Future for over 25 years. Dr. Palmer specializes in the economics of environmental regulation and public utility regulation, particularly on issues at the intersection of climate policy and the electricity sector. Her research explores carbon policy design, renewable electricity and energy efficiency, and investigates market and regulatory approaches for de-carbonization of electricity supply and electrification of the energy economy. In the 1990s, Dr. Palmer spent six months as a visiting economist in the Office of Economic Policy at the Federal Energy Regulatory Commission where she worked on wholesale market design in the nascent ISO markets. She serves on the Environmental Advisory Council to the New York ISO, the Advisory Council to the Center for Climate and Energy Decision Making at Carnegie Mellon University, and the Research Advisory Board to the American Council for an Energy Efficient Economy. She is the recipient of the Public Utility Research Center's 2015 Distinguished Service Award and was elected a Fellow of the Association of Environmental and Resource Economists in 2018.

Anda Ray

Anda Ray is a Senior Vice President at the Electric Power Research Institute (EPRI), where she leads the institute's international engagement, external federal and state relations, communications, marketing, strategic initiatives and the customer experience. She is the Executive lead for the EPRI Advisory Council, an independent group of academic, financial and business leaders, regulators, and NGOs. Anda previously led EPRI's environmental research sector. Prior to EPRI, Ray was at the Tennessee Valley Authority (TVA) for over 30 years, serving in a variety of executive-level positions. The breadth of her utility leadership experience includes nuclear power, engineering services, renewables, fossil, transmission, environment, construction, R&D, government affairs, land resource stewardship, emergency preparedness and corporate strategy. She serves on the DOE Electricity Advisory Council, the chair of the Board of EPRI International, Inc, on the Board of Directors of Space Coast Red Cross and a member of the Leadership Council for the College of Science and Math at Auburn University. She has given interviews to 60 Minutes, National Public Radio, World Business Review, testified before the Senate and presented to policy makers and regulators. She has a degree in Nuclear Physics and an advanced degree in Solid State Physics.

Richard Richels

Dr. Richard Richels directed Global Climate Change Research at the Electric Power Research Institute (EPRI) in Palo Alto, California. He has served on a number of national and international advisory panels, including committees of the Department of Energy, the Environmental Protection Agency and the National Research Council. He has served as an expert witness at the Department of Energy's hearings on the National Energy Strategy and testified at Congressional hearings on priorities in global cli mate change research. In

addition, Dr. Richels has served as a lead author for the Intergovernmental Panel on Climate Change's (IPCC) Second, Third, Fourth and Fifth Scientific Assessments and served on the Synthesis Team for the US National Assessment of Climate Change Impacts on the United States. He was awarded an M.S. degree in 1973 and Ph.D. degree in 1976 from Harvard University's Division of Applied Sciences where he concentrated in Economics and Decision Sciences. While at Harvard he was a member of the Energy and Environmental Policy Center. He has written extensively on the issue of climate change. Most notably, he is the coauthor of *Buying Greenhouse Insurance (*MIT Press*)* with Alan Manne.

Steven Rose

Dr. Steven Rose is a Senior Research Economist and Technical Executive in the Energy and Environmental Analysis Research Group at the Electric Power Research Institute (EPRI). His research focuses on long-term modeling of socioeconomic and energy systems and climate change drivers, mitigation, and potential risks. Dr. Rose is a lead author for the IPCC's Sixth Assessment Report and was a lead author for the Fourth and Fifth Assessment Reports, as well as the U.S. National Climate Assessment. Steve was a member of the U.S. National Academy of Sciences' committee on modeling the social cost of carbon, the U.S. Carbon Cycle Science Program Carbon Cycle Scientific Steering Group and the U.S. Environmental Protection Agency's Science Advisory Board panel on Carbon Dioxide Emissions from Biogenic Sources. He also co-chairs the bioenergy modeling subgroup of Stanford University's Energy Modeling Forum. Dr. Rose's research and publications have explored topics such as long-run climate management strategy and policy design, climate change risks and responses, company climate risks and strategy, the marginal costs of climate change (social cost of greenhouse gases), mitigation institutions, investment risks and incentives, and the role of bioenergy and land use in long-term climate management, including the economics of REDD+ and agricultural productivity. Steve earned a B.A. in Economics from the University of Wisconsin-Madison and a doctorate in Economics from Cornell University.

Gregory Ryan

Mr. Ryan leads DTE Energy's current environmental sustainability program and provides senior level regulatory and legislative policy analysis and guidance on climate change issues that have potential impacts on DTE Energy. He is responsible for coordinating and managing external reporting of key sustainability information to stakeholders, including the company's Corporate Citizenship report. His climate related responsibilities include reviewing proposed federal and state legislative and regulatory policies, assessing their impacts on the company, and influencing final legislative and regulatory action. Mr. Ryan has served in various environmental roles at DTE Energy since 1996, working on air regulatory programs and air quality permitting. Mr. Ryan holds a B.S. in Geological Sciences from Cornell University and an M.S. in Environmental Engineering from Northwestern University.

Andreas Schäfer

Andreas W. Schäfer is a Professor of Energy and Transport at the UCL Energy Institute, University College London. He is also Director of Research of the Bartlett School of Environment, Energy, and Resources and Director of the Air Transportation Systems Laboratory (ATSLab.org). Andreas' publications cover the demand for and supply characteristics of energy and transportation systems, including econometric models of national, world-regional, and global travel demand, techno-economic assessments of advanced surface and air vehicles, and integrated modeling of the global air transportation system. He is lead-author of "Transportation in a Climate-Constrained World", MIT Press (June 2009). Prior to joining the UCL Energy Institute, he held appointments at the International Institute for Applied Systems Analysis (IIASA), the Massachusetts Institute of

Technology (MIT), the University of Cambridge, and Stanford University. Andreas holds a MSc in Aerospace Engineering and a PhD in Energy Economics, both from the University of Stuttgart, Germany.

Morgan Scott

Morgan Scott is a Senior Sustainability Project Manager at the Electric Power Research Institute (EPRI). In this role, Morgan leads EPRI's growing portfolio of sustainability research, focused on developing the tools and resources electric power companies can use to establish and enhance their sustainability programs as well as embed a triple bottom line mindset into operations, strategic long-range planning, and corporate culture. Morgan manages EPRI's Strategic Sustainability Science program, Energy Sustainability Interest Group, Sustainability Benchmarking for Utilities project, and co-leads the Understanding Climate Scenarios and Goal Setting Activities project. She is the lead author on several EPRI reports pertaining to sustainability priority issues, metrics, and disclosure trends and is a co-editor of Sustainable Electricity II: A Conversation on Tradeoffs (2018). Prior to joining EPRI, Morgan was the Sustainability Manager at Consolidated Edison Company of New York. In this role, Morgan managed the company's sustainability strategy and associated initiatives as well as the production of the company's annual sustainability report and voluntary disclosure activities. She holds a B.S. in Business Administration from Wagner College and a M.S. in Sustainability Management from Columbia University.

Phil Sharp

Phil was a Member of Congress (D-IN), 1975-1995. As chair of the Subcommittee on Energy and Power, he focused extensively on energy policy. He was a lecturer at Harvard's Kennedy School of Government, 1995-2002, and for part of that time was director of the Institute of Politics. He was president of Resources for the Future, 2005-2016, Washington's oldest think tank dealing with energy, the environment, and natural resources He has served on major policy commissions including the National Academies "America's Climate Choices" and DOE's "Blue Ribbon Commission on the Future of Nuclear Power". Previously, he was a member of several corporate and NGO boards of directors including Duke Energy Corp; EPRI; and the Energy Foundation. In 2016, at Columbia University, he taught a graduate course, "Making Climate Policy in the US. " In 2017, he taught the course at Georgetown University. In 2016, the Secretary of Energy awarded him the James Schlesinger Energy Security Medal. Currently, he is a member of advisory committees to Harvard's Institute of Politics; Columbia's Center on Global Energy Policy; and MIT's Energy Initiative. He also is a board member of Eco America, which advocates for climate action. He received a PhD in Government from Georgetown University.

Joel Smith

Joel B. Smith, a Principal with Abt Associates, has been analyzing climate change impacts and adaptation issues for three decades. He was a coordinating lead author or lead author on the on Third, Fourth and Fifth Assessment Reports of the Intergovernmental Panel on Climate Change. Mr. Smith was also a member of the U.S. National Climate Change Assessment (NCA) Federal Advisory Committee and the National Academy of Sciences "Panel on Adapting to the Impacts of Climate Change." Recently, he was a Chapter Lead on the International Chapter for the fourth NCA. Mr. Smith worked for the U.S. EPA from 1984 to 1992, where he was the deputy director of Climate Change Division. Mr. Smith has published extensively and was a coeditor of *The Potential Effects of Global Climate Change on the United States* (1989), *As Climate Changes: International Impacts and Implications* (1995), *Adaptation to Climate Change: Assessments and Issues* (1996), *Climate Change, Adaptive Capacity, and Development* (2003), and *The Impact of Climate Change on Regional Systems* (2006). He received a BA from Williams College *magna cum laude*, and a Masters in Public Policy from the University of Michigan.

Steve Tullos

Steve Tullos is the senior manager of Environmental Strategy & Policy for Entergy Corporation. Tullos' educational background and 34 years of utility environmental experience have been applied extensively in both macro and micro environmental disciplines. Over the last seven years, he has been providing leadership in environmental strategy and policy, managing Entergy's GHG inventory and third-party verification, adaptation and resiliency endeavors; the multi-million dollar Environmental Initiatives Fund; and the corporate safety, health, and environmental audit program. In addition to his current role, he also led the development, implementation, and execution of Entergy's emergency operations logistical response plan for system restoration and worked 21 years developing environmental programs and compliance strategies in transmission and distribution operations. Tullos earned a bachelor's degree from Mississippi College in chemistry and an MBA from Millsaps College.

Ana Unruh-Cohen

Dr. Ana Unruh Cohen is staff director on the U.S. House of Representatives Select Committee on the Climate Crisis. Previously, she was managing director of government affairs for the Natural Resources Defense Council (NRDC) and the NRDC Action Fund. She worked for more than 13 years on Capitol Hill, including as the director of energy, climate, and natural resources for Senator Edward J. Markey; deputy staff director of the Natural Resource Committee Democratic staff; deputy staff director and chief scientist of the Select Committee on Energy Independence and Global Warming; and a legislative assistant in then-Representative Markey's personal office. In addition to her time in Congress, Unruh Cohen was also the first director of environmental policy at the Center for American Progress. Unruh Cohen holds a bachelor's in chemistry from Trinity University and received her PhD in earth sciences from Oxford University, where she was a Rhodes Scholar.

David Victor

David Victor is a professor of international relations at the School of Global Policy and Strategy at UC San Diego. He also co-heads the initiative on energy and climate at the Brookings Institution. Prof. Victor earned a PhD at MIT (Political Science) and A.B. at Harvard University. He has spent more than 30 years as a scholar and adviser to advising firms, governments and NGOs on a wide range of energy and environmental issues. His research focuses on regulated industries and how regulation affects the operation of major energy markets. He is author of more than 300 research articles, essays and books—including "Global Warming Gridlock" (Cambridge University Press), recognized by The Economist as one of the best books of 2011. He was a convening lead author for the Intergovernmental Panel on Climate Change (IPCC), a United Nations-sanctioned international body with 195 country members that won the Nobel Peace Prize in 2007. He chairs the Community Engagement Panel for decommissioning of the San Onofre Nuclear Power Plant south of Los Angeles and is on EPRI's Advisory Council.

Tom Wigley

Tom Wigley has a PhD (Mathematical Physics) from the University of Adelaide. He trained and worked as a meteorologist for the Commonwealth Bureau of Meteorology (1961-62), taught at the University of Waterloo, Canada (1967–1975), was Director of the Climatic Research Unit at the University of East Anglia, UK, 1979-93, was a Senior Scientist at the National Center for Atmospheric Research, 1993-2006, and recently held a DORA Professorial Fellowship at the University of Adelaide, 2013-15. He has published 100s of papers in a range of fields, most recently in climate science, and is one of the world's most highly cited climate scientists. He was recently named one of the world's top 10 climate change scientists.