

## **Invitation for Comment on Candidates for the CGE Model Review Panel**

**May 22, 2019**

The EPA Science Advisory Board (SAB) Staff Office announced in a *Federal Register* Notice on April 24, 2019 (84 FR 17161 - 17162) that it was forming a panel to provide independent advice to EPA to through the chartered SAB on its CGE model developed by EPA's National Center for Environmental Economics (NCEE).

To form the panel, the SAB Staff Office sought public nominations of environmental economists and other experts with extensive experience building and using CGE models. Background information on the project and details on the nomination process appeared in the cited notice. Based on qualifications and interest, the SAB Staff Office identified the attached "List of Candidates." Brief biographical sketches of the eighteen (18) candidates are listed below.

The SAB Staff Office Director makes the final decision about who will serve on the panel based on all relevant information. This includes a review of the candidate's confidential financial disclosure form (EPA Form 3110-48 or Form 450) and an evaluation of a lack of impartiality. For the EPA SAB Staff Office, a balanced committee or panel is characterized by inclusion of candidates who possess the necessary domains of knowledge, the relevant scientific perspectives (which, among other factors, can be influenced by work history and affiliation), and the collective breadth of experience to adequately address the general charge. Specific criteria to be used in evaluating a candidate include: (a) scientific and/or technical expertise, knowledge, and experience (primary factors); (b) availability and willingness to serve; (c) absence of financial conflicts of interest; (d) absence of an appearance of a lack of impartiality; (e) skills working in committees, subcommittees and advisory panels; and (f) diversity of, and balance among scientific expertise and viewpoints for the panel as a whole.

We welcome information, analysis or documentation for the Staff Office to consider in evaluating the candidates. Please provide any comments you may have with respect to the candidates no later than June 12, 2019. Please submit your comments to the attention of Dr. Holly Stallworth, Designated Federal Officer at [stallworth.holly@epa.gov](mailto:stallworth.holly@epa.gov). Please be advised that comments are subject to release under the Freedom of Information Act.

**Biosketch Information**  
**Computable General Equilibrium Model Review Panel Nominees**

**Balistreri, Edward**

**Iowa State University**

Dr. Edward J. Balistreri is an Associate Professor at Iowa State University, Department of Economics. He holds a Ph.D. in economics from the University of Colorado -- Boulder. His research focuses on the formulation of numeric simulation models of economic policy. Balistreri's models have been used to analyze a diverse set of policy topics including global climate, energy, and international trade. He has also contributed to the literature on structural estimation and the empirical calibration of advanced models of industrial organization and trade. Prior to his entry into academics, Dr. Balistreri worked as an economist for the United States International Trade Commission and Charles River Associates.

**Barbe, Andre**

**Council of Economic Advisors**

Dr. Andre Barbe is a Senior Economist at the Council of Economic Advisors, an agency within the Executive Office of the President. He received his Bachelors of Science from Tulane University (Economics and Mathematics) and Masters and Ph.D. in Economics from Rice University (Economics). Dr. Barbe's research has focused on computable general equilibrium models of international trade, with a special focus on the model of the Global Trade Analysis Project, where he is a member of the advisory board. Dr. Barbe is on detail at the Council of Economic Advisors from the U.S. International Trade Commission, where he previously served as an international economist and industry economist. At the U.S. International Trade Commission, he helped develop computable general equilibrium models to examine the Trans-Pacific Partnership, the aluminum industry, and the Clean Power Plan. Dr. Barbe is currently employed by the U.S. federal government.

**Burfisher, Mary**

**Center for Global Trade Analysis, Purdue University**

Dr. Mary E. Burfisher is the Senior Education Advisor at the Center for Global Trade Analysis (GTAP) at Purdue University, where she developed and teaches an online curriculum on computable general equilibrium modeling. She is also an Adjunct Professor in the Business and Finance program at the University of Maryland University College, where she contributes to the development of innovative online curricula and teaches economic principles and macroeconomics. During 2018-19, Dr. Burfisher was a Visiting Scholar at the International Monetary Fund, where she developed CGE-based analyses of the U. S. Mexico-Canada Agreement and other trade initiatives. Dr. Burfisher has also served as a Distinguished Visiting Professor at the U.S. Naval Academy in Annapolis, Maryland, and spent much of her career as an economist at the U.S. Department of Agriculture, where she developed and led research programs on agricultural trade policy issues. She is the author of Introduction to Computable General Equilibrium Models (Cambridge University Press). This widely used text, that is about to be published in its third edition, guides researchers in applying CGE models to study diverse issues, including climate change, the marginal welfare costs of taxes, and changing consumer preferences. In 2018, Dr. Burfisher was named to the GTAP Hall of Fame for sustained contributions to the GTAP CGE modeling community. She served as a GTAP fellow from 2003-2010 and received the Quality of Communication Award from the American Agricultural Economics Association. Dr. Burfisher received her Ph.D. in economics from the University of Maryland.

## **Fisher-Vanden, Karen**

### **Pennsylvania State University**

Dr. Karen Fisher-Vanden is Professor of Environmental and Resource Economics at Pennsylvania State University. Professor Fisher-Vanden holds a B.S in Mathematics and a B.A. in Economics both from UC Davis, a M.S. in Management Science from the Anderson Graduate School of Management at UCLA, and a Ph.D. in Public Policy from Harvard University. She was a Lead Author of the Intergovernmental Panel on Climate Change's Fifth Assessment Report Working Group III, and a previous member of the U.S. Climate Change Science Program (CCSP) Product Development Advisory Committee and lead author of a congressionally-mandated CCSP report on global change scenarios. She currently serves on the Board of Directors for the Association of Environmental and Resource Economists (AERE) and was a member of the EPA Science Advisory Board Economy-Wide Modeling Panel. Her areas of research include economic and integrated assessment modeling for climate change impacts and policy analysis; economic instruments for pollution control; and technology development in developing countries (in particular, China) and implications for energy use and carbon emissions. She is currently co-Principal Investigator and co-director of two large externally-funded research projects: (1) Program on Coupled Human and Earth Systems (PCHES) and (2) Research in Integrated Assessment, Inter-Model Development, Testing and Diagnostics (PIAMDDI), both funded by the US Department of Energy.

## **Fox, Alan**

### **U.S. International Trade Commission**

Dr. Alan K. Fox is an international economist in the Research Division, Office of Economics, of the U.S. International Trade Commission (USITC), where he leads the Division's Trade and Environment research program. Dr. Fox joined the USITC in 2000 after completing his graduate studies at the University of Michigan, Ann Arbor. Dr. Fox specializes in modeling the effects of trade and environmental policy. His research interests include the study of emissions abatement policies and trade, trade policy reform, and the logistics of border crossing and trade. He has co-authored a number of articles on the effectiveness of output-based rebating and other emissions abatement mechanisms in mitigating carbon leakage under partial regulation. His other research on trade policy investigates the macroeconomic and trade effects of logistics barriers and rules of origin. He has also co-authored work investigating when foreign firms choose to cooperate in antidumping investigations, the role of Armington elasticities in fitting trade models, and the potential of a "peace dividend" at the end of the Cold War. In his role as economic modeler at the USITC, Dr. Fox has analyzed the economic effects of most free trade agreements signed by the United States since 2000. In 2009, he conducted the modeling for the interagency report, "The Effects of H.R. 2454 on International Competitiveness and Emission Leakage in Energy-Intensive Trade-Exposed Industries: an Interagency Report Responding to a Request from Senators Bayh, Specter, Stabenow, McCaskill, and Brown." He has also participated as chief modeler, project leader, or deputy project leader on the past six updates of the USITC investigation Economic Effects of Significant U.S. Import Restraints.

## **Goulder, Lawrence**

### **Stanford University**

Dr. Lawrence H. Goulder is the Shuzo Nishihara Professor in Environmental and Resource Economics at Stanford and Director of the Stanford Environmental and Energy Policy Analysis Center. His research examines the environmental and economic impacts of environmental policies in the U.S. and China, with a focus on policies to deal with climate change and air pollution. His work also has explored the "sustainability" of consumption patterns in various countries. He is the co-author of the Goulder-Hafstead "E3" model, a 36-sector intertemporal general equilibrium model designed to investigate US environmental and energy policies. Results from this model have been published in several academic journal articles as well as in the book, *Confronting the Climate Challenge: Options for US Policy*, which was published

by Columbia University Press in 2017. Dr. Goulder has conducted analyses for several government agencies, business groups, and environmental organizations. In 2009 and 2010 he chaired the Economic and Allocation Advisory Committee of the California Environmental Protection Agency in connection with its effort to reduce greenhouse gas emissions reductions. Dr. Goulder graduated from Harvard College with an A.B. in philosophy and received his Ph.D. in Economics from Stanford.

## **Hafstead, Marc**

### **Resources for the Future**

Dr. Marc Hafstead is a fellow and director of the Carbon Pricing Initiative at Resources for the Future (RFF). He joined RFF in 2013 from Stanford University, where he received his PhD in Economics. His research focuses on the evaluation and design on climate and energy policies. With Stanford professor and RFF University Fellow Lawrence H. Goulder, he wrote *Confronting the Climate Challenge: US Policy Options* (Columbia University Press) to evaluate the environmental and economic impacts of carbon taxes, cap-and-trade programs, clean energy standards, and gasoline taxes using a sophisticated multi-sector general equilibrium model of the United States. He is also an expert on the employment impacts of carbon pricing and the design of tax adjustment mechanisms to reduce the emissions uncertainty of carbon tax policies.

## **Ho, Mun**

### **Resources for the Future**

Dr. Mun Ho is a Visiting Scholar at the China Project on Energy, Economy and the Environment, Harvard University School of Engineering and Applied Sciences. He lives in Washington and is also a Visiting Scholar at Resources for the Future. His research is focused on economic growth, productivity, taxation and environmental economics. He co-authored *Information Technology and the American Growth Resurgence*, which traced the adoption of Information Technology by U.S. industries and its impact on economic growth (Jorgenson, Ho and Stiroh 2005). His work on modeling energy and environmental policies includes a 2013 book *Double Dividend: Environmental Taxes and Fiscal Reform in the US* (Jorgenson, Goettle, Ho and Wilcoxon) which describes the development of econometric models used in a large-scale intertemporal equilibrium model. With the Harvard China Project team he has developed an integrated assessment framework for examining the impact of policies on Chinese energy use, air quality, health, and CO2 emissions. The examination of the SO2 policies and carbon taxes in China is reported in 2013 book he co-edited, *Clearer Skies over China: Reconciling Air Quality, Climate and Economic Goals*. Mun Ho received his Ph.D. in Economics from Harvard University in 1989, taught at SUNY Buffalo and was a Fellow at the Harvard Kennedy School (1992-99). During 2012-15, he was at Tsinghua University, School of Economics and Management writing on China's economic growth and using household surveys of energy consumption.

## **Montgomery, David**

### **Consultant**

Dr. W. David Montgomery is an economist and independent consultant. He was formerly Senior Vice President at NERA Economic Consulting and Vice President at Charles River Associates. He is an expert on economic issues associated with petroleum and natural gas markets and climate change policy. He has provided analysis and testimony on energy and environmental issues for more than 30 years, dealing with regulation of oil, gas, and electricity markets; antitrust and mergers; contract disputes; price manipulation; and the design and evaluation of energy- and environment-related policies. His scholarly work is frequently published in peer-reviewed journals, and on numerous occasions Congressional committees have requested his testimony on climate change, environmental regulations, oil and gas markets, and other energy market and environmental issues. He advises clients on the strategic implications of changes in energy and environmental policies and energy markets. He has served as a lead economic witness in high profile litigation, including cases dealing with liability for Methyl tert-butyl ether (MTBE) spills, the applicability of the public

trust doctrine to U.S. climate policy, an injunction against the enforcement of California's low carbon fuel standard, and in the Continental Forge antitrust litigation alleging a conspiracy to raise natural gas prices in California. Dr. Montgomery's work on economic issues associated with climate change policy has been published frequently in peer-reviewed journals. He was a principal lead author of the Second Assessment Report of the Intergovernmental Panel on Climate Change (IPCC), Working Group III, and the author of a number of studies of climate change policy over the past 20 years. His testimony on climate change issues has been requested on numerous occasions by the U.S. Congress. Dr. Montgomery directed the development of a set of integrated economic models that set the standard for analysis of the international, national, and industry impacts of energy and environmental policies. Dr. Montgomery has led a number of strategic assessments for clients in the private sector, advising them on how future climate policies and other environmental regulations could affect their asset value, investment decisions, and strategic direction. His recent work includes studies of energy and climate legislation in the U.S. Congress, economics of oil and natural gas exports, and gasoline pricing. He has been collaborating with researchers at the Massachusetts Institute of Technology to analyze the impacts of tax reform on the energy sector and CO2 emissions.

### **Paltsev, Sergey**

#### **Massachusetts Institute of Technology**

Dr. Sergey Paltsev is a Senior Research Scientist at Massachusetts Institute of Technology (MIT), Cambridge, USA, and a Deputy Director at the MIT Joint Program on the Science and Policy of Global Change. He is the lead modeler in charge of the MIT Economic Projection and Policy Analysis (EPPA) model of the world economy. Dr. Paltsev is an author of more than 100 peer-reviewed publications in scientific journals and books in the area of energy economics, climate policy, taxation, advanced energy technologies, and international trade. He is a recipient of the 2012 Pyke Johnson Award (by the Transportation Research Board of the National Academies, USA, for the best paper in the area of planning and environment). Sergey was a Lead Author of the Fifth Assessment Report (AR5) of the Intergovernmental Panel on Climate Change (IPCC). For the Science Advisory Board of the U.S. Environmental Protection Agency, Dr. Paltsev served in 2004-2006 on the Second Generation Model Advisory Panel and in 2015-2017 on the EPA Science Advisory Board Economy-Wide Modeling Panel. Dr. Paltsev received a Diploma in Radiophysics and Electronics from Belarusian State University and PhD in Economics from University of Colorado at Boulder.

### **Robinson, Sherman**

#### **Peterson Institute for International Economics**

Dr. Sherman Robinson is a nonresident senior fellow at the Peterson Institute for International Economics (PIIE), which he joined in November 2016. Dr. Robinson is a leading expert on computable general equilibrium (CGE) simulation models, which have become a standard tool of analysis of trade and fiscal policy reform, regional integration, structural adjustment, climate change adaptation, and development strategies. His research interests include international trade, economic growth, agricultural and resource issues, climate change adaptation, macroeconomic policy, income distribution, and maximum-entropy econometrics. He has published widely in international trade, growth strategies, regional integration, income distribution, empirical modeling methodologies, Bayesian maximum entropy estimation methods, and agricultural economics. Dr. Robinson is also senior research fellow (emeritus) at the International Food Policy Research Institute (IFPRI), senior research fellow (emeritus) at the Institute of Development Studies (IDS), and professor of economics (emeritus) at the University of Sussex. He was also a professor of agricultural and resource economics at the University of California, Berkeley; economist, senior economist, and division chief in the Research Department of the World Bank; assistant professor of economics at Princeton University; and lecturer in economics at the London School of Economics. He has been a consultant to the World Bank and has held visiting senior staff appointments at the Economic Research Service, US Department of Agriculture; the US Congressional Budget Office; and the President's Council of Economic Advisers (in the Clinton administration), where he largely worked on trade issues, including regional trade agreements, General Agreement on Tariffs and Trade/World Trade Organization

(GATT/WTO) negotiations, and the North American Free Trade Agreement (NAFTA). Dr. Robinson received a BA and PhD in economics from Harvard University.

## Rose, Adam

### University of Southern California

Dr. Adam Rose is Research Professor at the University of Southern California Price School of Public Policy, and a Research Fellow at USC's Department of Homeland Security Center for Risk and Economic Analysis of Terrorism Events (CREATE). Before coming to USC, he served as Professor and Head of the Department of Energy and Environmental Economics at The Pennsylvania State University for fourteen years. He received his PhD in Economics from Cornell University. Professor Rose's main area of research is the economics of energy and climate change policy. As a consultant to the United Nations, he played a major role in the development of the first proposal for a system of globally tradable emission allowances. More recently, he has advised government agencies in several states and regions on the development of cap & trade programs and agencies on the employment impacts of climate action plans. Professor Rose has done research on the aggregate and distributional impacts of climate mitigation policy by advancing methodologies in both computable general equilibrium and macro-econometric modeling. The other major focus of his research is on resilience to natural disasters and terrorism at the levels of the individual business, market, and regional economy. Professor Rose is the author of several books and 200 professional papers, including most recently *The Economics of Climate Change Policy*. He has been appointed to the editorial boards of several journals including *Resource and Energy Economics*, *Energy Journal*, *Energy Policy*, and *Economics of Disasters and Climate Change*. He has served on three National Academy of Science panels, a Mineral Management Service Advisory Board panel, and two EPA Scientific Advisory Board panels, including the recent one on Economy-White Modeling. He has also served as the American Economic Association Representative to the American Association for the Advancement of Science, as a member of the Board of Directors of the National Institute of Building Sciences Multi-Hazard Mitigation Council and of the Advisory Board of the Center for National Policy Resilience Forum. Professor Rose was recently elected a Fellow of the Regional Science Association International and elected President of the International Society for Integrated Disaster Risk Management (IDRiM). He is the recipient of a Woodrow Wilson Fellowship, East-West Center Fellowship, American Planning Association Outstanding Program Planning Honor Award, Applied Technology Council Outstanding Achievement Award, Regional Economic Models George Treyz Award for Excellence in Economic Analysis, Economic Systems Research Sir Richard Stone Outstanding Article Award, Journal of Benefit-Cost Analysis Outstanding Article Award, IDRiM Society Distinguished Research Award, and DHS/CREATE Transition Product of the Year Award.

## Ross, Martin

### Duke University

Dr. Martin Ross is a Senior Research Economist at the Nicholas Institute for Environmental Policy Solutions at Duke University, specializing in environmental/energy economics and macroeconomic-simulation modeling. While at the Nicholas institute he has developed the Dynamic Integrated Economy/Energy/Emissions Model (DIEM), which combines a global and U.S. regional macroeconomic simulation (CGE) model with a detailed model of electricity generation in the United States. The model is generally calibrated to energy markets in the U.S. Energy Information Administration's National Energy Modeling System (NEMS) model and has been applied to a variety of carbon tax and Clean Air Act Section 111(d) proposals. Prior to joining the Nicholas Institute, he was with RTI International where he developed the Applied Dynamic Analysis of the Global Economy (ADAGE) model, which is used by the U.S. Environmental Protection Agency (EPA) to respond to Congressional requests for legislative analyses. Research conducted for the U.S. EPA Climate Change Division, the Stanford Energy Modeling Forum, and the Pew Center on Global Climate Change has involved using the ADAGE model to estimate U.S. macroeconomic impacts of legislative proposals to reduce GHG emissions. Other modeling by Dr. Ross has included developing a detailed technology model

of electricity markets to examine how criteria pollutant and greenhouse gas policies affect capacity planning decisions and generation costs. Dr. Ross also spent several years at Charles River Associates and worked in the Office of Policy at the U.S. Environmental Protection Agency.

### **Rutherford, Thomas F.**

#### **University of Wisconsin**

Dr. Thomas F. Rutherford is a Professor of Agricultural and Applied Economics at the University of Wisconsin-Madison. He earned a PhD in Operations Research from Stanford University in 1987 under the direction of Alan S. Manne. Dr. Rutherford has subsequently been a faculty member at the University of Western Ontario, the University of Colorado, and the ETH Zurich before joining the University of Wisconsin in 2012. Professor Rutherford's research focuses on the formulation, solution and application of numerical equilibrium models for economic issues in environmental economics, international trade and economic growth. His work has focused on the economic analysis of global warming, the economic consequences of multi-regional trade agreements, the economic effects of trade reform in small open economies. His research has also included methodological contributions related to the application of complementarity models in economics.

### **Sands, Ron**

#### **U.S. Department of Agriculture Economic Research Service**

Dr. Ronald Sands is a Research Economist with the Economic Research Service of the U.S. Department of Agriculture. Dr. Sands' primary area of research is development and application of the Future Agricultural Resources Model (FARM), a global computable-general-equilibrium model used to simulate agricultural adaptation to climate change and options for reducing net greenhouse gas emissions in agriculture, forestry, and energy systems. The FARM model enables active participation in multi-model studies organized by the Agricultural Model Intercomparison and Improvement Project (AgMIP) and the Stanford Energy Modeling Forum. Current research at the Economic Research Service includes simulation of world food demand through 2050, competition for land between energy crops and food crops, and the role of agricultural productivity as an adaptation strategy to climate change. Dr. Sands is a member of the Interagency Group on Integrative Modeling, an interagency working group of the U.S. Global Change Research Program. Prior to joining the Economic Research Service, Dr. Sands had nearly 22 years of service with Pacific Northwest National Laboratory (PNNL) at various locations: Richland, Washington; Portland, Oregon; Washington, D.C.; and the Joint Global Change Research Institute in College Park, Maryland. His research at PNNL included the development of economic models to simulate global land competition and energy systems in the context of a greenhouse gas mitigation policy. While at PNNL, Dr. Sands was a co-author of the Second Generation Model, a computable-general-equilibrium model of the U.S. and other world regions used for analysis of alternative greenhouse gas mitigation options. Dr. Sands earned a Bachelor of Electrical Engineering, a Bachelor of Science in Economics, and a Ph.D. in Economics, all from the University of Minnesota.

### **Sue Wing, Ian**

#### **Boston University**

Dr. Ian Sue Wing is an Associate Professor in the Department of Earth & Environment at Boston University. Dr. Sue Wing holds a Ph.D. in Technology, Management & Policy from MIT and a M.Sc. in economics from Oxford University. He is the author more than fifty publications, and has served on panels for the EPA, Department of Energy, National Science Foundation and the National Research Council. Dr. Sue Wing conducts research and teaching on the economic analysis of energy and environmental policy, climate change mitigation and adaptation, and computational general equilibrium (CGE) analysis of economies' adjustment to large-scale shocks at a variety of geographic scales. His current research includes analysis of air pollution from transport and other sectors at urban scales, empirical investigation of the impacts of climate change on energy, agriculture and health, and CGE modeling of economic

consequences analysis of these shocks, as well as other natural hazards, at regional scales. He is currently supported by a contract with the Department of Energy's Office of Science.

### **Van der Mensbrugge, Dominique**

#### **Center for Global Trade Analysis, Purdue University**

Dr. Dominique van der Mensbrugge is Research Professor and Director of the Center for Global Trade Analysis (GTAP) at Purdue University. As Director of GTAP he has responsibility for overall management of the development of the GTAP Data Base and Model, working with the GTAP Advisory Board, supervising the Center's short courses, and organizing the annual GTAP Conference. His research focuses in analyzing economic policies of a global nature such as multilateral trade agreements and climate change. His work on climate change has assessed the nature and cost of carbon regimes—carbon tax versus cap and trade, size and composition of country coalitions, ambitious versus sub-optimal climate targets and the role of the cost and availability of 'clean' technologies. His more recent work has included looking at the 'damage' side of climate change, particularly on agriculture, and assessing the economic tradeoffs between carbon taxes and lower climate damage. His analysis relies on the development and use of a so-called integrated assessment model that integrates economics, greenhouse gas emissions, climate and damages in a coherent modeling framework. Prior to joining Purdue University in 2014, he worked at the Organisation for Economic Co-Operation and Development in Paris, France (1988-1998), the World Bank in Washington, DC (1998-2011), and the Food and Agriculture Organization of the United Nations in Rome, Italy (2011-2014). He has an undergraduate degree in mathematics from the University of Louvain in Belgium and a PhD in economics from the University of California at Berkeley.

### **Wilcoxon, Peter**

#### **Syracuse University**

Dr. Peter J. Wilcoxon is a Professor in the Department of Public Administration and International Affairs at Syracuse University's Maxwell School, and he is also a Nonresident Senior Fellow at the Brookings Institution. He is the author or coauthor of three books and more than 50 papers and has won teaching awards at Harvard University and Syracuse University. Dr. Wilcoxon's principal area of research is the effect of environmental and energy policies on economic growth, international trade, and the performance of individual industries. His work often involves the design, construction and use of large-scale intertemporal general equilibrium models. He is coauthor of IGEM, a thirty-five-sector econometric general equilibrium model of the US economy that has been used to study a wide range of environmental, energy and tax policies. He is also coauthor of G-Cubed, a nine-region, twelve-sector general equilibrium model of the world economy that has been used to study international trade and environmental policies. In addition, he is a coauthor of a graduate-level textbook on general equilibrium modeling. Many of his recent publications have focused on national and international policies to control climate change. Dr. Wilcoxon received his BA in physics from the University of Colorado and his AM and PhD in economics from Harvard University. His past positions include Associate Professor of Economics, the University of Texas at Austin; Assistant Professor of Economics, the University of Texas at Austin; Visiting Fellow, the Brookings Institution; Visiting Scholar, Harvard University, and Senior Research Fellow, the University of Melbourne in Australia. In addition, he has served on EPA's Environmental Economics Advisory Committee. Dr. Wilcoxon's research has been supported by EPA, the National Science Foundation, the Department of Energy, and private sector organizations.