

Society for Benefit-Cost Analysis

11TH ANNUAL CONFERENCE & MEETING
MARCH 13-15, 2019
WASHINGTON, DC

2019 Conference Program List of Panels and Presentations

The final program, with dates and times of panels, will be finalized soon.

Wednesday, March 13

Registration 8:00-9:00

Professional Development Workshops, AM Session 9:00-12:30

- Workshop 2: A Voice Crying in the Wilderness? Techniques for Promoting the Use of Evidence and BCA Results to Policymakers; Steven Lize, *The Pew Charitable Trusts*
- Workshop 3: Using Meta-Analysis to Support Benefit-Cost Analysis and Evidence-Based Policymaking; Michael Hirsch, *Washington State Institute for Public Policy*
- Workshop 5: Introduction to Regulatory Impact Assessment; Lisa Robinson, *Harvard T.H. Chan School of Public Health (Center for Health Decision Science and Center for Risk Analysis)*

Lunch (if applicable) 12:30-1:30

Professional Development Workshops, PM Session 1:30-5:00

- Workshop 1: Putting Benefit-Cost Analysis into Practice: Creating a Criminal Justice BCA Model; Michael Wilson, *MWConsulting*
- Workshop 4: Deregulatory Benefit-Cost Analysis; Jennifer Baxter, *Industrial Economics, Inc*

Opening Reception 5:00-6:30

Thursday, March 14

Registration 8:00-9:00

Breakout Session 1 9:00-10:30

Break 10:30-10:45

Breakout Session 2 10:45-12:15

Luncheon and Annual Meeting of SBCA Membership 12:15-2:00

Breakout Session 3 2:00-3:30

Break 3:30-3:45

Breakout Session 4 3:45-5:15

Networking Reception 5:30-7:30

Friday, March 15

Registration 8:00-9:00

Breakout Session 5 9:00-10:30

Break 10:30-10:45

Breakout Session 6 10:45-12:15

Luncheon and Keynote Address 12:15-2:00

Breakout Session 7 2:00-3:30

Break 3:30-3:45

Breakout Session 8- Plenary Session 3:45-5:15

Closing Reception 5:30-7:30

Please note that the information below is preliminary and subject to change before the conference

Panel Discussion: Innovation, Precaution, and Benefit-Cost Analysis

Chair: Julian Morris, *International Center for Law and Economics*

Panel: Brian Mannix; *GW Regulatory Studies Center*, Gregory Conko; *GMU Law and Economics Center*, Aurelien Portuese; *De Monfort University Faculty of Business and Law*

Perspectives on Social Discount Rate

Panel:

- The Social Time Preference Approach to Discounting; Maureen Cropper, *University of Maryland*
- The Opportunity Cost of Capital Approach to Discounting; Arnold Harberger, *UCLA*
- Benefit-Cost Analysis with a Zero Social Discount Rate; James Broughel, *Mercatus Center at George Mason University*

Agricultural Trade and Policy

Presentations:

- Modeling the Impact of EU Pesticide Residue Standards on African Fresh Produce Exports to the UK; Paul Mwebaze, *Commonwealth Scientific and Ind Research Org (CSIRO)*
- Using Systems Approaches to Access High Value Markets for Horticultural Exports from Australia; Paul Mwebaze, *Commonwealth Scientific and Ind Research Org (CSIRO)*
- Predicting Potential Impacts of China's Retaliatory Tariff on U.S. Farm Sector; Dallas Wood, *RTI International*

Alternative Approaches to Regulation

Presentations:

- Can We Improve a Regulatory Framework in Oil and Natural Gas Industry, and Make it 'Smarter?'; Mikhail Petrovskiy
- Two Far-Reaching Changes to How we Quantify and Balance Risks and Regulatory Costs; Adam M Finkel, *University of Michigan School of Public Health*

- Nonlinearity in Cost and Benefit Functions of Short-Term Repeated Consumer Decisions; Amit Sharma, *Penn State University*

Environmental Policy: Up in the Air and Back Down to Earth

Presentations:

- Maximizing the Potential Benefits of Air Quality Warnings; Lisa Robinson, *Harvard T.H. Chan School of Public Health*
- Achieving Air Pollution Reduction Goals of Planning: Pathway and Costs of Main Industries in China; Jing Yang, *Nanjing University*
- Environmental Benefits of Federal Conservation Efforts: Lesson from Agricultural Program Analyses; LeRoy Hansen, *US Dept of Agriculture/Economic Research Service*
- Considering Benefits of Landscape Conservation in Benefit-Cost Analysis; Michael Getzner, *Vienna University of Technology*

Transportation Policy: BCA Asks “Is it Worth the Trip?”

Presentations:

- Meta-Analysis of the Value of a Statistical Life in Road Safety; Henrik Andersson, *Toulouse School of Economics*
- Causal Inference for Ex-Post Evaluation of Transport Interventions; Daniel Graham, *Imperial College London*
- Cost Benefit Analysis and Transport Policy Decisions: Why Such a Gap?; Emile Quinet, *Paris School of Economics*; Alain Quinet, *SNCF Réseau*
- Estimating User Benefits of a New Transportation Option with the Logsum Method; Lucile Kellis, *Steer*

Policy Implications of BCA

Presentations:

- Efficiency Criteria for Nudges and Norms; W. Kip Viscusi, *Vanderbilt University*
- WTA vs. WTP Choices and Valuations vs. Remedial Guides: The Illustrative Example of the Loss from the BP Gulf Oil Spill; Jack Knetsch, *School of Resource & Environmental Management*
- GAO's Assessment Methodology for Economic Analysis; Oliver Richard, *U.S. Government Accountability Office*
- Policy Formulation in Brazil: New Policy Evaluation Guidelines, and their Comparison to Best Practices in the U.S.; Kerry Krutilla, *Indiana University – Bloomington*; Kelveia Albuquerque, *Office of Chief of Staff, Presidency, Republic of Brazil*; Martin de Almeida Fortis, *Ministry of Planning, Republic of Brazil*

Economic Assessments of Specific Health Interventions

Presentations:

- Benefit Analysis of Reducing Opioid Prescription Rates; James Oehmke
- The Heterogenous Responses to and Social Welfare Effects of Smoking Bans in Bars and Restaurants; Anne Burton, *Cornell University*
- A CBA of Corrective Lenses for Reducing the Symptoms of Dementia; Robert Brent, *Fordham University*

Digital Rights, Data Protection, and Data Privacy

Presentations:

- Data Protection under the EU's GDPR; Roslyn Layton,
- The Other Side: What's the Cost of Data Protection; Aryamala Prasad, *George Washington University*
- Benefits and Costs of Privacy under Different Regimes; Daniel Perez, *George Washington University*

Panel Discussion: Emerging Developments in Regulatory Analysis & Research: Experiences Across Countries

Chair: Sandra Hoffmann

Panel: Jason March, *Food Standards Australia New Zealand*; Vanna Aldin, *UK Food Standards Agency*; Angela Lasher, U.S. Food and Drug Administration; Flora Tsui, *USDA Food Safety and Inspection Service*; Linda Abbott, *USDA Office of Risk Analysis and Cost Benefit Analysis*

Advances in Methodology

Presentations:

- Discounting for Public Cost-Benefit Analysis; Qingran Li, *Duke University*
- Premature Deaths and Statistical Lives: Toward Clearer Quantification and Valuation of Environmental Mortality Risks; James Hammitt, *Harvard University*
- Examining the Expert Performance Through the Random Expert Hypothesis; Deniz Marti, *George Washington University*

Some Unsettled Questions in Environmental Benefits and Costs

Presentations:

- Co-Benefits; Timothy Brennan, *University of Maryland – Baltimore County*
- Electric Vehicles in China: Implications of Variability in Costs, Health, and Climate Benefits; Yana Jin
- Evaluating Smaller-Scale Voluntary Environmental Programs; Ann Wolverton, U.S. EPA; Heather Klemick; Henry Mason

Transportation: BCA Asks “Is it Road-Worthy?”

Presentations:

- Making the Case for Transportation Investment with BCA; Patrick Miller, *Steer*
- Estimating Social Discount Rate for the Long-Term Transport Investment Projects in Russia; Maria Sheluntcova, *National Research University Higher School of Economics*
- Evaluating Future Highway Access via Risk-Cost-Benefit Analysis with Data Uncertainties; Marwan Alsultan, *University of Virginia*

Panel Discussion: Benefit-Cost Analysis of Tax Regulations

Chair: Bridget Dooling, GWU Regulatory Studies Center

Panel: Joseph Cordes, *GWU*; Susan Dudley, *GWU*; Jerry Ellig, *GWU*; Mark Mazur, *Urban Institute*; TBD, *OIRA*

Economic Methods for Assessing Health Policies and Regulations

Presentations:

- Sensitivity and Uncertainty Analysis of Particulate Matter and Ozone Health Impacts Using Alternative Inputs in BenMAP; R. Jeffrey Lewis, *ExxonMobil Biomedical Sciences, Inc.*
- Challenges for Rulemaking and Insurance Guidelines from Conventional Definitions of Tobacco and Nicotine Products; Gabriel Movsesyan, *FDA*
- A Comparison of Delay Discounting by e-Cigarette and Cigarette Users: Implications for FDA's Regulatory Impact Analysis; Ce Shang

Analysis for Uncertain Futures

Presentations:

- Planning for Everything (Besides Death & Taxes); Susan Dudley
- Responsible Precautions for Uncertain Environmental Risks; W. Kip Viscusi
- From Football to Oil Rigs: Risk Assessment for Combined Cyber and Physical Attacks; Fred Roberts
- Analytical Challenges Surrounding Analyses of Nuclear War; James Scouras

Panel Discussion: Regulatory Reform Under EO 13771: The First 2 Years

Chair: Matt Wiener, *ACUS*

Panel: Linda Abbott, *USDA*; Deborah Aiken *DOT*; Jeffrey Horn, *USCG*; Daniel Lawver, *DHHS*; Nellie Lew, *FDA*; Sofie Miller, *DOE*; Nan Shellabarger, *FAA*

Some Unsettled Questions in Environmental Policy

Presentations:

- Do the Costs of The U.S. Withdrawal From The Paris Agreement On Climate Change Outweigh The Benefits Of Its Membership? ; Caroline Arlota, *University of Oklahoma*
- Federal Common Law Suits as a Remedy for Greenhouse Gas Emissions: An Efficiency Analysis of the American Electric Power Company Case; Richard Zerbe, *University of Washington* and Howard McCurdy,
- Segregated Welfare Losses from Cognitive, Informational and Politico-Economic Distortions-with Applications; Kenneth Acks, *The Cost-Benefit Group*

Waterways: Keeping Afloat Using BCA

Presentations:

- Evaluating Forecast Risk in Maritime Related Infrastructure Projects; Bruce Lambert, *Mentis*
- Benefit-Cost Analysis of Restricting On-demand Draw Bridge Openings; Timothy Skeel, *Seattle Department of Transportation*
- Estimating the Value of NOAA's Physical Oceanic Real Time System; Douglas Scheffler, *U.S. Coast Guard*

Panel Discussion: Retrospective Review at the Bureau of Consumer Financial Protection: Three Case Studies

Chair: Paul Rothstein, *Consumer Financial Protection Bureau*

Panel: Eric Durbin, *CFPB*; Sergei Kulaev, *CFPB*; Scott Fulford, *CFPB*

International Issues in Health Economics

Presentations:

- Altruism and Efficient Allocations in Three-Generation Families (in Poland); Susan Chilton, *Newcastle University*
- Estimates of WTP and WTA Values of a Statistical Life in Vietnam; Kiet Nguyen-Tuan, *Can Tho University - College of Economics*
- Retrospective and Prospective Benefit-Cost Analyses of Anti-Smoking Policies in China; Feng Liu, *Shanghai University of Finance and Economics*

Panel Discussion: Breaking Good or Breaking Bad? Using Break-even Analysis in BCA

Chair: Joe Devlin, *Environment and Climate Change Canada*

Panel: Jennifer Baxter, *IEC*; Joseph Cordes, *GWU*; Charles Griffiths, *EPA*

Food Safety Regulatory Analysis in a Global Setting (1)

Presentations:

- Food Safety and international development: Health, Nutrition and Economic Impacts; Ahmed Kablan* *USAID, Bureau for Food Security, Agriculture Research and Policy office*
- Modeling the Influence of Income Growth on Global Patterns of Foodborne Disease; Sandra Hoffmann*, *USDA*, Andrew Muhammad, and Birgit Meade.
- Food Safety in Africa: Past Endeavors and Future Directions; Lystra Antoine, *World Bank*

Panel Discussion: EPA's Detailed Analytic Blueprint: Model Plan for Agency Completion of Quality Benefit Cost

Chair: Kevin Bromberg, *US Small Business Administration*

Panel: Stuart Shapiro; Kevin Bromberg; TBD

Safety, Security, and Crime: Making Us Safer with Benefit-Cost Analysis

Presentations:

- The Public Health Risks Addressed by the Import Alert Program; Andrew Estrin, *FDA*
- Alternatives to Break-even Analysis in Safety and Security Regulations; Ali Gungor, *USCG*
- Homeland Security and Emergency Management Grant Allocation; Barry Ezell, *ODU*
- Estimating crime costs in the states: Lessons learned from applied BCA; Steven Lize, *Pew*

Illustrative Case Studies and Future Research Needs: Benefit-Cost Analysis in Low-and Middle-Income Countries (1)

Presentations:

- Reference Case Guidance Purpose and Goals, Damian Walker* (Bill and Melinda Gates Foundation)
- Applying Benefit-Cost Analysis to Air Pollution Control in the Indian Power Sector, Maureen Cropper* (University of Maryland and Resources for the Future), Sarath Guttikunda (UrbanEmissions.Info), Puja Jawahar (UrbanEmissions.Info), Zachary Lazri (University of Maryland), Kabir Malik (World Bank), Xiao-Peng Song (University of Maryland), and Xinlu Yao (University of Maryland)
- Standardized Sensitivity Analysis in BCA: An Education Case Study, Elina Pradhan* (World Bank) and Dean Jamison (University of California - San Francisco)
- Contribution of Water Resources Development and Environmental Management to Uganda's Economy, James E. Neumann* (Industrial Economics), Collins Amanyana (Ugandan Ministry of Water and Environment), and Kenneth M. Strzepek (MIT and Harvard University)

Economic Assessments of Health Disparities and Health Disparities Research

Presentations:

- Evaluating Economic and Non-Economic Outcomes of Publicly-Funded Biomedical research; Sara Dodson
- Econometric Methods for measuring the Burden of health Inequalities; Patrick Richard
- Designing BCA Studies for Oral Health Disparities Research; Sue Hamann

Food Safety Regulatory Analysis in a Global Setting (2)

Presentations:

- Estimating trade flow when foreign countries gain food safety equivalency to export agricultural products to the U.S. by a gravity-based trade model; Jason Grant, Flora Tsui, and Bryan Macculloch,* *USDA Food Safety and Inspection Service*
- Monitoring and Evaluating the Impact of Rolling out Produce Safety Training in Latin America; Clare Narrod* and Xiaoya Dou, *Joint Institute for Food Safety and Applied Nutrition, UMD*
- Estimating Welfare Changes From Importing Agricultural Commodities Using the Simplified Plus Version of the Baseline Analysis System Model; Charlotte Ham,* Setsuko Hoffman,* and Ken Forsythe, *USDA Animal and Plant Health Inspection Service*

New Methods for BCA

Presentations:

- Assessing the Risk of U.S. Maritime Accidents; Fatima Zouhair; Douglas Scheffler
- Using Machine Learning to Assess Heterogeneity in the Cost-Effectiveness of Health Care Programs; Mikael Svensson, *University of Gothenburg*
- A Head Start for Every Runner: On Using Experimental and Quasi-Experimental Evidence to Forecast Policy Impacts; Daniel Wilmoth, *U.S. Small Business Administration*

Benefits and Costs of Water Quality

Presentations:

- Benefit-Cost Analysis of Water Quality Improvement; Krishna Poudel, *Missouri Department of Natural Resources*
- Benefits and Costs of Preventing Childhood Lead Poisoning from Drinking Water- A Case Study in New York State; Ying Zhou, *CDC*
- Estimating the Benefits to Florida Households from Avoiding Another Gulf Oil Spill Using the Contingent Valuation Method; John Whitehead, *Appalachian State University*
- The Use of Retrospective BCA to Assess the Long-Term Affects of Infrastructures in the Water and Waste Sectors; Chiara Pancotti, *CSIL*

The Wide Reach of Benefit-Cost Analysis

Presentations:

- The Great Indian Demonetization Experiment: Exploring the Benefits and Costs; Partha Ray, *Indian Institute of Management Calcutta*
- A Cost-Benefit Analysis of the Millennium Challenge Corporation's Procurement Modernization Program in Indonesia; Jean Lee, *Millennium Challenge Corporation*; Brian Epley, *Millennium Challenge Corporation*
- Can Cost-Benefit Analysis Tell Whether Sport and Cultural Events are Worth it for Hosting Cities?; Jerome Massiani
- Gujarat's Prohibition Policy: A Case for Social Cost-Benefit Analysis; Siddhartha Rastogi, *Indian Institute of Management Indore*

Illustrative Case Studies and Future Research Needs: Benefit-Cost Analysis in Low-and Middle-Income Countries (2)

Presentations:

- Benefit-Cost Analysis of Community-Led Total Sanitation Campaigns: Incorporating the Results from Recent Randomized Control Trials and Other Evaluations, Mark Radin* (University of North Carolina), Marc Jeuland (Duke University), Hua Wang (Remin University), and Dale Whittington (University of North Carolina)
- Comparing the Application of CEA and BCA to Tuberculosis Control Interventions in South Africa, Thomas Wilkinson (University of Cape Town), Fiammetta Bozzani (London School of Hygiene and Tropical Medicine), Anna Vassall* (London School of Hygiene and Tropical Medicine), Michelle Remme (London School of Hygiene and Tropical Medicine), and Edina Sinanovic (University of Cape Town)
- Benefit-Cost Analysis of a Package of Early Childhood Interventions to Improve Nutrition in Haiti, Brad Wong* (Copenhagen Consensus Center)
- Implications for Future Work, Lisa A. Robinson (Harvard T.H. Chan School of Public Health), Dean Jamison (University of California, San Francisco), and James K. Hammitt (Harvard T.H. Chan School of Public Health)

Benefit-Cost Analysis in Labor Policy

Presentations:

- 'Opting Out of Workers' Compensation Insurance: Non-Subscription in Texas and Its Cost and Benefit Effects'; Thomas Kniesner, *Claremont Graduate University*
- Rethinking Law School Tenure Standards; Kyle Rozema, *University of Chicago Law School*
- Estimating the Benefits of Research on the Causes and Prevention of Work-Related Injury and Illness; Tim Bushnell, *National Institute for Occupational Safety and Health*; Rene Pana-Cryan, *National Institute for Occupational Safety and Health*

Frontiers in Benefit-Cost Analysis of Environmental Policies

Presentations:

- Epistemic Limits of Cost-Benefit Analysis in Environmental Policymaking; David Adelman, *University of Texas at Austin School of Law*
- Altruism, Endogenous Risk and the Value of Reduced Mortality; Mark Dickie, *University of Central Florida*
- Integrating Fundamental Uncertainty into Benefit-Cost Analysis for the Assessment of Deep-Seabed Mining; David Good, *Indiana University – Bloomington*; Kerry Krutilla, *Indiana University – Bloomington*; Mike Toman, *World Bank*; Tijen Arin, *World Bank*
- The Economics of Regulatory Repeal; Arthur Fraas, *Resources for the Future*; Alan Krupnick, *Resources for the Future*

Exploring Forms of Regulation and their Impacts on Outcomes and Effectiveness

Presentations:

- Economic and Social Regulation Revisited; Brian Mannix, *GWU*
- Does the Form of Regulation Matter? An Empirical Analysis of Regulation and Land Productivity Growth; Zhoudan Xie, *GWU*
- Evaluating the Impact of Certificate-of-Need Laws on Hospital Outcomes; Mark Febrizio, *GWU*
- Regulating Agencies' Benefit-Cost Analysis; Stuart Shapiro, *Rutgers*

Estimating Costs

Presentations:

- Quasi-Fixed Labor Costs in Burden and Social Cost Calculations; William Wheeler, *U.S. Environmental Protection Agency*
- Stated and Revealed Pollution Abatement Costs Revisited; Carl Pasurka, *U.S. Environmental Protection Agency*
- Federal Agencies' Compliance with Public Cost Burden Estimation Requirements of the Paperwork Reduction Act; Ronald Bird, *George Washington University*

Wetland Benefits from Definitional Changes of Waters of the United States

Presentations:

- Considerations for Appropriate Wetlands Benefit Transfer for National-Level Rule Making; John Whitehead, *Appalachian State University*
- Waters of the United States: Upgrading Wetland Valuation via Benefit Transfer; Elena Besedin and Klaus Moeltner
- Foregone Wetland benefits from the Waters of the U.S. Redefinition; Charles Griffiths, Matt Massey, and Chris Moore

Panel Discussion: International Experiences in Regulatory Reform

Chair: Susan Dudley

Panel: Carl Creswell; Elizabeth Goldberg; Celine Kaufmann; TBD(?)

Benefit-Cost Analysis in Education Policy

Presentations:

- Comparison of Benefit-Cost and Cost-Effectiveness Results Across 5 Youth Education and Training Programs; David Long, *Princeton Policy Associates*
- CBA for Higher Education Diplomas: A First Assessment of the French Case; Pierre Courtioux, *EDHEC Business School*
- Using Benefit-Cost Analysis to Address Significant Disproportionality in Special Education; Richard Belzer, *Regulatory Checkbook*

Energy Projects

Presentations:

- Case Study: BCA Flaws in Attempting to Optimize a Regional Electricity Transmission Market; Scott Rubin
- An Integrated Appraisal of a Wind Farm; Glenn Jenkins, *Queen's University*
- The Distributive Impacts of Peru's Liquefied Natural Gas (LNG) Export Project; Majid Hashemi, *Clemson University*
- Gender, Electricity, and Poverty: Distributional Effects of Power Sector Reforms in West Africa; Francis Mulangu, *Millennium Challenge Corporation*
- Evaluation of Distributional Impacts of Natural Gas Projects in Developing Countries – Completely different title on website, title on website is “distributive impacts of Peru”

Panel Discussion: Economic Analysis at Independent Agencies: Progress and Challenges

Chair: Jerry Ellig, *GWU Regulatory Studies Center*

Panel: TBD

Overcoming Challenges in Regulatory Impact Analysis

Presentations:

- Overcoming Data Gaps: A Case Study; Paul Reeder, *Employment and Social Development Canada*
- Parameter Uncertainty in Regulatory Impact Analysis; Aaron Kearsley, *FDA*
- Implementing an Accounting Framework to Measure Outcomes for a New Policy Directive: Challenges and Lessons Learned; Deborah Aiken, *U.S. Department of Transportation*; Ross Rutledge

Stated Preference

Presentations:

- Willingness to Pay to Improve Patient Medication Information: A Stated Preference Study; Bern Dealy, *US Food and Drug Administration*
- The Willingness-to-pay (WTP) for Fundamental Science as a 'Public Good': A Survey to French Citizens; Massimo Florio, *University of Milan*
- Publication Selection Biases in Stated Preference Estimates of the Value of a Statistical Life; Clayton Masterman, *Vanderbilt Ph.D. Program in Law and Economics*
- Monetizing Bowser: A Contingent Valuation of the Statistical Value of Dog Life; David Weimer, *University of Wisconsin – Madison*; Hank Jenkins-Smith, *University of Oklahoma*