THE SOCIETY FOR BENEFIT COST ANALYSIS:
FOURTH EUROPEAN CONFERENCE

11-12 SEPTEMBER 2023
MILAN, VIA CONSERVATORIO 7
(NEAREST UNDERGROUND STATION: SAN BABILA, DIRECT CONNECTION WITH LINATE AIRPORT)

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MONDAY 11 SEPTEMBER:

8:00-8:45 a.m. Registration of participants and welcome coffee
8:45-9:00 a.m. Plenary: Opening - ROOM 6
• Carlo Fiorio, University of Milan, Head, DEMM
• Chiara Del Bo, University of Milan, Chair, LOC
• Henrik Andersson, Toulouse School of Economics and President, SBCA

9:00-10:30 a.m. Parallel sessions:
SESSION 1: REGIONAL (A) - ROOM 3
Chair: Roberta Capello, Politecnico
Co-Chair: Laura Resmini, University of Milan-Bicocca

1. Simona Comi – University of Milan-Bicocca (with Federica Origo and Elena Villar)
   Returns to Tertiary Vocational Education in Italy
2. Marco Mariani – IRPET-Regional Institute for Economic Planning of Tuscany
   (with Nicola Sciclone, Enrico Conti and Maria Luisa Maitino)
   The Effects of Pilgrimage Routes on tourist attractiveness of remote areas: The case of Via Francigena in Tuscany
3. Mara Grasseni – University of Bergamo
   (with Simona Comi, Tommaso Ramella and Laura Resmini)
   Do firms benefit from active labour market policies? The case of the Youth Guarantee programme in Lombardy.
4. Federico Fantechi and Debora Gambina – University of Palermo
   (with Alessandro Cusimano and Fabio Mazzola)
Ex-post evaluation of incentive measures for sustainable technologies in Italian firms

Q&A

SESSION 2: HEALTH (A) - ROOM 4
Chair: Simona Gamba, University of Milan
Co-Chair: Simona Grassi, King’s College London

1. Andreea Piriu – European Commission Joint Research Centre
   (with Alessandro Olper and Valentina Raimondi)
   *Individual Health Effects of Trade-Induced Structural Change: Evidence from German Agri-Food Labor Markets*

2. Silvana Robone – University of Insubria
   (with Dan Liu and Gilberto Turati)
   *The effect of minimum wages on self-reported physical and mental health in China*

3. Andrea Riganti – University of Milan
   (with Simone Ferro)
   *The Hidden Toll of COVID-19 for Non-COVID-19 Patients*

4. Rossella Verzulli – University of Bologna
   (with Matteo Lippi Bruni)
   *The quicker the better: Fostering timely responses in public hospitals*

5. Giulio Cisco – University of Lausanne
   (with Julien Riou and Joachim Marti)
   *Estimating the socio-economic burden of antibiotic resistance: a mathematical modelling study*

Q&A

SESSION 3: SCIENCE (A) - ROOM 5
Chair: Augusto Cramarossa, Italian Space Agency (TBC)
Co-Chair: Valentina Morretta, University of Milan

1. Valentina Morretta – University of Milan
   (with Massimo Florio, Stefano Carrazza, Paolo Castelnovo, Veronica Lupi and Lorenzo Zirulja)
   *Assessing the Earth Observation satellites’ impact on the Italian economy: a multi-method approach*

2. Alvise Favotto – University of Glasgow
   (with Matteo Landoni and Eleonora Montagner)
   *How do public sector organisations use of earth observations? Implications for public accountability*

3. Paolo Castelnovo – University of Insubria
   (with Matteo Landoni, Francesco Giffoni and Gelsomina Catalano)
   *Public procurement in the space economy: An empirical analysis of the Italian case*

4. Adriaan Perrels – Finnish Meteorological Institute
   (with Kaisa Juhanko)
   *Evaluating the socioeconomic benefits of an incremental set of satellites*

5. Emanuele Doronzo – University of Molise
   (with Giuliano Resce and Remy Cohen)
   *New Frontiers of CBA – Machine Learning Approaches*

Q&A

SESSION 4: ENVIRONMENT (A) - ROOM 6
Chair: Brian Jacobsen, University of Copenhagen
Co-Chair: Ilenia Gaia Romani, FEEM, UniBS, MIT

1. Francisco Alpizar – Wageningen University & Research
   (with Franklin Amuakwa-Mensah, Alejandro Lopez-Feldman, Jose David Lopez, Jie-Sheng Tan-Soo, Dale Whittington, Richard Carsson and Thomas Sterner)
   *Climate vs. covid-19: Public Perception of climate change policy actions in Recovering from COVID-19 in Developing Countries.*

2. Brian Jacobsen – University of Copenhagen
   (with Berit Hasler and Søren Olsen)
   *A Cost-Benefit Analysis of Water Framework Directive implementation in Denmark towards 2027*

3. Yanay Farja – Tel-Hai College
   (with Dror Angel and Asael Greenfeld)
Food Security and Sustainability
Benefits of Local Mariculture vs. Imports

4. Ilenia Gaia Romani – FEEM, UniBS, MIT
   (with Nicola Comincioli and Sergio Vergalli)
   Cost-benefit analysis of landfill emergency securing: Two applications in Southern Italy
   • Q&A

10:30-10:45 a.m. Coffee Break

10:45-11:45 a.m. Plenary Session 1 - ROOM 6
   • Keynote Speaker:
     Lisa Robinson, Harvard University-Center for Health Decision Science and Center for Risk Analysis, Harvard T.H. Chan School of Public Health
     Benefit-Cost Analysis: Why and Whither
   • Q&A

11:45-1:15 p.m. Parallel sessions:

SESSION 5: REGIONAL (B) - ROOM 3
Chair: Patrizia Lattarulo, IRPET-Regional Institute for Economic Planning of Tuscany
Co-Chair: Maurizio Conti, University of Genoa
1. Mario Tartaglia – Ferrovie dello Stato Italiane
   (with Andrea Fiduccia and Cisco Gianluigi)
   Wider effects of transportation planning: focusing on socioeconomic dynamics and issues
2. Leonardo Piccini – IRPET-Regional Institute for Economic Planning of Tuscany
   (with Patrizia Lattarulo)
   The impact of accessibility changes on local development through the key of firm location patterns
3. Antoine Bellegue – Gustave Eiffel University (TBC)
   Embracing Rail Decarbonization: A Post-Keynesian Approach on Sustainable Rail Alternatives
4. Maurizio Conti – University of Genoa
   (with Anna Bottasso, Antonella Ferrara and Simone Robbiano)
   High Speed Railways and Firms TFP: Evidence from Italy
   • Q&A

SESSION 6: HEALTH (B) - ROOM 4
Chair: Simona Grassi, King's College London
Co-Chair: Chiara Pancotti, CSIL
1. Chiara Pancotti – CSIL
   Potential cost and benefit of the proposed European Medicine Infrastructure
2. Maddalena Ferranna – University of Southern California
   (with Jp Sevilla, David Bloom and Manya Malik)
   The value of health improvements around the world
3. Dale Whittington – University of North Carolina at Chapel Hill
   (with Richard Carson, Helena Cardenas, Michael Hanemann, Gunnar Kohlin, Wiktor Adamowicz, Thomas Sterner, Franklin Amuakwa-Mensah, Francisco Alpizar)
   The Choice of a Health Outcome Metric: People’s Preferences from Seven Developing Countries
4. Simone Marco Ferro – University of Milan
   (with Chiara Serra)
   Triage at Shift Changes and Distortions in the Perception of Patients’ Condition at ED
5. Giovanni Righetti – University of Verona
   The Impact of AMNOG Reform in Germany on Pharmaceutical Prices
   • Q&A

SESSION 7: SCIENCE (B) - ROOM 5
Chair: Silvia Vignetti, CSIL
Co-Chair: Johannes Gutleber, CERN
1. Johannes Gutleber – CERN
The role of socio-economic impact studies in the design of a new research infrastructure and the impact of the open science paradigm

2. Erica Delugas – CSIL
   (with Gelsomina Catalano)
   Evaluation of open science practices: main challenges and future avenues to develop a cost-benefit analysis framework

3. Louis Colnot – CSIL
   (with Emanuela Sirtori and Francesco Giffoni)
   Assessing scientific knowledge creation and dissemination in an open science world: evidence from the CERN experiments

4. Gabriele Piazza – London School of Economics and Political Science
   Where the God Particle Touches the Ground: The Local Impact of Research Infrastructure Procurement in Italy

• Q&A

SESSION 8: ENVIRONMENT (B) - ROOM 6
Chair: Geula Michael Bitton, Reichman University
Co-Chair: Franklin Amuakwa-Mensah, University of Gothenburg

1. Tali Guttman – Reichman University
   (with Geula Michael-Bitton, Shiri Zemah-Shamir and Yonatan Sabag)
   A Cost-Benefit Analysis of The Dalia River’s Wetland

2. Franklin Amuakwa-Mensah – University of Gothenburg
   (with Alejandro Lopez-Feldman, Thomas Sterner, Gunnar Köhlin, Dale Whittington, Richard Carson, Michael Hanemann, Francisco Alpizar and Wiktor Adamowicz)
   Water-Energy-Food use in times of COVID-19 pandemic in seven developing countries

3. Anna Boros – University of Warsaw
   (with Anna Bartczak, Wiktor Budziński and Bartosz Jusypenko)
   The role of proactive personality in explaining the heterogeneity of preferences concerning air quality improvement programs.

4. Geula Michael Bitton – Reichman University
   (with Shiri Zemah Shamir)
   Nature based Solution. Retention ponds in Yavne’el river basin, Israel, as a case study

• Q&A

1:15-2:15 p.m.  Lunch Break

2:15-3:00 p.m.  Plenary Session 2 – ROOM 6
   • Doramas Jorge-Calderón, European Investment Bank
     “The Economic Appraisal of Investment Projects at the EIB”
     Presentation of the European Investment Bank Guide, new edition 2023
   • Comment: Massimo Florio, University of Milan

3:00-4:30 p.m.  Parallel sessions:

SESSION 9: HEALTH (C)/SWACHE Project - ROOM 4
Chair: Olof Bystrom, OECD
Co-Chair: Chiara Sotis, London School of Economics and Political Science

1. Olof Bystrom – OECD
   (with Eeva Leinala and Damien Dussaux)
   Valuing reduction in health risk and severity related to chemicals exposure

2. Väinö Nurmi – European Chemicals Agency (ECHA)
   (with Damien Dussaux, Andrea Leiter and Christoph Rheinberger)
   Value of a statistical case of infertility

3. Gildas Appere – University of Angers
   (with Damien Dussaux, Alan Krupnick and Muriel Travers)
   Valuing Asthma: a multi-country stated preference approach

4. Iva Zverinova – Charles University
Valuing Very Low Birth Weight: A multi-country SWACHE stated preference study
(with Milan Ščasný)

5. **Chiara Sotis** - London School of Economics and Political Science
   (with Susana Mourato, Stavros Georgiou, Davide Contu, Giles Atkinson and Damien Dussaux)
   *Valuing the avoidance of IQ losses in children: A large scale multi-country stated preferences approach*

6. **Damien Dussaux** – OECD
   (with Chris Dockins, Charles Griffiths, Sandra Hoffmann, Simon Nathalie)
   *Valuing the reduction in the risk of chronic kidney disease, A large scale multi-country stated preference approach*

• Q&A

**SESSION 10: SCIENCE (C) - ROOM 5**

Chair: **Kerry Krutilla**, Indiana University-Bloomington
Co-Chair: **Marcella De Martino**, Italian National Research Council (CNR)

1. **Marcella De Martino** – Italian National Research Council (CNR)
   (with Carmela Cornacchia, Simone Gagliardi, Giuseppe Gargano, Rosa Maria Petracca Altieri, Francesca Ricciardi)
   *The Socio-Economic Impact Assessment of ACTRIS-Italy: preliminary results and future research directions*

2. **Amanda Walsh** – RTI International
   (with Anne-Maree Dowd and Thomas Keenan)
   *Impacts of CSIRO Addressing Australia’s Grand Challenges*

3. **Junhanlu Zhang** – European Synchrotron Radiation Facility (ESFR)
   (with Ennio Capria)
   *Socio-Economic Impact of Research Infrastructures (RIs): Case Study of the ESRF’s Industrial Involvement through the Public Programme*

4. **Kerry Krutilla** – Indiana University
   (with Art Fraas, John D. Graham, Randall Lutter, Jason Shogren, Linda Thunström and W. Kip Viscusi)
   *Challenges in Estimating the Social Cost of Greenhouse Gases; The Case of EPA’s New Proposed Estimates*

5. **Mathis Fundaro** – Citizing
   *Cost Benefit Analysis on nuclear energy. How can we tackle the challenges of long-term uncertainty?*

• Q&A

**SESSION 11: ENVIRONMENT (C) – ROOM 6**

Chair: **Richard Belzer**, Good Intentions Paving Company
Co-Chair: **Peter Zwaneveld**, CPB Netherlands Bureau for Economic Policy Analysis

1. **Richard Belzer** – Good Intentions Paving Company
   *The Household-Level Costs of Net Zero 2050 in the United States*

2. **Ranko Pudar** – Pudar Mitigation Consulting
   *Benefit-Cost Analysis in Mitigation of Natural Disasters: Use Of Composite Depth-Damage Functions for Analysis of Critical Infrastructure*

3. **Miguel de Ortuzar de Garate** – Biscay Regional Council
   (with José María de Ortuzar de Garate)
   *Climate change action measures consideration in CBA for road/pedestrian/cycle transport infrastructures. Their long run effect and uncertainties. Two cases in Biscay.*

4. **Peter Zwaneveld** – CPB Netherlands Bureau for Economic Policy Analysis
   (with Frits Bos)
   *How to measure the value of nature in cost-benefit analysis and TEEB-studies? The case of Bonaire’s coral reefs*

5. **Yana Jin** – Peking University
   (with Henrik Andersson)
   *Eliciting willingness to pay to reduce health risks related to air pollution – the effect from stated preference survey mode*

• Q&A

4:30 p.m. **END OF THE FIRST DAY PROGRAM**
TUESDAY 12 SEPTEMBER:

8:45-9:00 a.m. Registration

9:00-10:30 a.m. Parallel sessions:

SESSION 12: TOBACCO (A) – ROOM 3
Chair: Donald Kenkel, Cornell University
Co-Chair: Trilochan Pokharel, Nepal Open University

1. Xiulan Zhang – Beijing Normal University
   (with Mengnan Xu and Steve Lin)
   *The Impact of e-Cigarette Retail Regulations on the Retail System Development in China*

2. Jacob Rich – Case Western Reserve University School of Medicine
   *Estimates of Cross-Border Menthol Cigarette Sales Following the Comprehensive Tobacco Flavor Ban in Massachusetts*

3. Trilochan Pokharel and Hari Dhungana – Nepal Open University
   (with Nirmal Kumar Raut and Shreezal Gc)
   *Consumer Preference for Tobacco Harm Reduction Products in LMICs: Results from a Discrete Choice Experiment Amongst Current and Potential Tobacco Users in Nepal*

4. Donald Kenkel – Cornell University
   (with Ayda Yurekli)
   *Could Japan achieve the end-game for smoking before the mid-century?*

• Q&A

SESSION 13: POLICY - ROOM 4
Chair: Kristina Gogic, Independent researcher in the field of BCA
Co-Chair: Hanna Sakho, University of Groningen

1. Kristina Gogic – Independent researcher in the field of BCA
   *The Influence of the Benefit-Cost Analysis on the Policy Evaluation in the European Union*

2. Hanna Sakho – University of Groningen
   *Country-specific determinants of populist electoral success in Europe: A multi-level study beyond ‘culture versus economics’*

3. Marco Gambaro – University of Milan
   *Supporting film production to create European audiovisual market?*

4. Katarzyna Skrzypek – University of Warsaw
   (with Patrick Lloyd-Smith and Ewa Zawojska)
   *Five decades in travel cost studies: Research trends through the lens of best practices*

• Q&A

SESSION 14: TRANSPORT – ROOM 5
Chair: Elin Vimefall, Örebro University School of Business
Co-Chair: Zach Lee, Nanyang Technological University

1. Francisco Javier Amador – University of La Laguna
   (with Gorka Bueno, David Hoyos and Andoni Kortazar)
   *Including life cycle impacts in the cost-benefit analysis. The case of the high speed train network in Spain.*

2. Zach Lee – Nanyang Technological University
   *Delegating driving to an autonomous vehicle: A choice decision under risk and uncertainty*

3. Henrik Andersson – Toulouse School of Economics
   (with Arne Risa Hole and Jan-Erik Swärdh)
   *Does WTP for transport safety vary by mode?*

4. Elin Vimefall – Örebro University School of Business
   (with Linda Andersson Järnberg, Daniela Andrén, Lars Hultkrantz, Maria Börjesson and Elisabet Rutström)
   *Willingness to pay for improvements of vulnerable road users’ safety – does it differ by intervention?*

• Q&A

SESSION 15: METHODS (A) - ROOM 6
Chair: Pellegrino Manfra, City University New York/QueensboroughCC  
Co-Chair: Wiktor Budzinski, University of Warsaw

1. Rosa Ferrentino and Luca Vota – University of Salerno  
   The In-Kind transfer strategy for the development of the Italian Mezzogiorno: a cost-benefit analysis through a RBC model

2. Pellegrino Manfra – City University New York/QueensboroughCC  
   A Benefit/Cost Analysis Model Examining "Inflation Inequality" And Its Affects On Various Income Level

3. Jerome Massiani – University of Milan-Bicocca  
   (with Matteo Modena)  
   Some methodological issues in project evaluation Guidelines: looking at the European Investment Bank and guidelines in European countries.

4. Marco Leonardi – University of Milan  
   (with Vincenzo d’Alberti)  
   A decision support system for measuring and evaluating solutions for sustainable development

5. Wiktor Budzinski – University of Warsaw  
   (with Mikołaj Czajkowski)  
   Welfare measures and demand predictions in volumetric choice experiments

• Q&A

10:30-10:45 a.m. Coffee Break

10:45-11:45 p.m. Plenary Session 3

• Keynote Speaker:  
  Ben Groom, University of Exeter Business School-Dragon Capital Chair in Biodiversity Economics  
  The long-term value of nature and nature-based solutions to climate change

• Q&A

11:45-1:15 p.m. Parallel sessions:

SESSION 16: TOBACCO (B) - ROOM 3
Chair: Donald Kenkel, Cornell University  
Co-Chair: Maria Qureshi, QBAL (TBC)

1. Donald Kenkel – Cornell University  
   (with Alan Mathios, Grace Phillips, Revathy Suryanarayana and Hua Wang)  
   Just What the Doctor Ordered? The Benefits and Costs of E-Cigarette Regulation in Australia

2. Asena Caner – TOBB University of Economics and Technology  
   (with Yenal Yiğit and Belgi Turan)  
   The Impact of Covid-19 on Smoking Among University Students in Turkey: Evidence from a Longitudinal Survey

3. Giorgi Mzhavanadze – Healthy Initiatives  
   Illicit Cigarette Market in Georgia: Potential Impacts on Smoking Prevalence and Tax Revenues

4. Maria Qureshi – QBAL  
   (with Nadeem Iqbal)  
   Examining Impediments to Reduced Risk Product Adoption in Pakistan; Results from 12 focus groups with adults who smoke cigarettes and/or use e-cigarettes.

• Q&A

SESSION 17: REGULATION - ROOM 4
Chair: Johanna Jussila Hammes, Swedish National Road and Transport Research Institute  
Co-Chair: Susan Durden, U.S. Army Corps of Engineers

1. Johanna Jussila Hammes – Swedish National Road and Transport Research Institute (VTI)  
   (with Lena Nerhagen)  
   Ex ante or ex post - When should a regulatory impact assessment be done?

2. Susan Durden – U.S. Army Corps of Engineers, Institute for Water Resources
Four Accounts, Maximizing National Benefits, Paths Forward, Detours and Wrong Turns

3. Gabriela Borges Silva—Getulio Vargas Foundation
   Regulatory Impact Analysis in the Financial Sector: developing a procedural accountability instrument for Central Banks

4. Natasha Salinas – Getulio Vargas Foundation
   (with Lucas Thevenard Gomes)
   Open exceptions: why does the Brazilian Health Regulatory Agency exempts RIA and ex post reviews?

Q&A

SESSION 18: ENERGY - ROOM 5
Chair: Paula Gutierrez, University of the Andes
Co-Chair: Antonia Elisabeth Schneider, TU Wien

1. Paula Gutierrez – University of the Andes
   Benefits Assessment Methodology for rural electrification projects in Non-Interconnected Zones (ZNI)

2. Gunnar Köhlin – University of Gothenburg
   (with Nuredin Mahammednur)
   Impact of Grid Electricity on Wood Use and Wood Collection Time: Application of Instrumental Variable Method

3. Simone Boccaletti – University of Milan-Bicocca
   (with Jérôme Massiani)
   A consistent model for socio-economic evaluation of renewable energy projects and policies

4. Antonia Elisabeth Schneider – TU Wien
   (with Wojciech Zawadzki)
   Valuing Heat Relief. Stated Preference Surveys to Evaluate Policies for Urban Heat Adaptation, theoretical considerations and an empirical application.

Q&A

SESSION 19: SOCIETY - ROOM 6
Chair: Meenakshi Fernandes, European Parliament
Co-Chair: Anna Bartczak, University of Warsaw

1. Yana Jin – Peking University
   (with Yanying Wang, Huan Lin, Wei Wan and Shiqiu Zhang)

   (with Cecilia Navarra)
   A cost-benefit assessment of a legislative proposal to criminalise gender-based violence at the EU level

3. Anna Bartczak – University of Warsaw
   (with Natalia Starzykowska, Susan Chilton, Jytte Nielsen and Rebecca McDonald)
   “Is my granny better than yours?” Experimental study concerning generosity towards elderly

4. Sandya Venugopal – Venugopals Consulting Services
   Cost Benefit Analysis of a Proactive Preventive Service for Mitigation of Domestic Violence

5. Alejandro Lopez-Feldman – University of Gothenburg
   (with Francisco Alpizar, José López, Franklin Amuakwa-Mensah and Jie-Sheng Tan-Soo)
   Priming and negative shocks: Looking into the reliability of life satisfaction measurement

Q&A

1:15-2:15 p.m.  Lunch Break
2:15-3:45 p.m.  Parallel sessions:

SESSION 20: PLURALISTIC CBA - ROOM 5
Chair: Massimo Cingolani, European Investment Bank
Co-Chair: Roger Guesnerie, College de France

1. Eugenio Leanza – European Investment Bank (formerly)
   (with Rubina Canesi)
   The impacts of a General Purpose Technology Change in a Stock Flow Perspective
2. Roger Guesnerie – College de France
   (with Joel Maurice)
   Questions on Cost-Benefit Analysis and discussion of present answers
3. Nadia Garbellini – University of Modena and Reggio Emilia
   How to curb high public debt: Evidence from advanced countries
4. Massimo Cingolani – European Investment Bank
   SDGs, change of techniques and welfare impact
   • Q&A

SESSION 21: METHODS (B) – ROOM 6
Chair: Ewa Zawojska, University of Warsaw
Co-Chair: Luciano Greco, University of Padua

1. Ewa Zawojska – University of Warsaw
   (with Christian Vossler)
   Validity tests of discrete choice experiments for valuing public goods: The effects of varying the number of choice options and choice questions
2. Luciano Greco – University of Padua
   (with Mariano Moszoro)
   Public versus Private Cost of Capital with State-Contingent Terminal Value
3. Paolo Delle Site – Niccolò Cusano University
   Hicksian measures of welfare change in Logit models with translog-in-income utilities
4. Yohei Mitani – Kyoto University
   (with Ao Liu and Henrik Lindhjem)
   The Value of Statistical Life in a Pandemic Context: Age, Health, and Economic Preferences
   • Q&A

3:45-4:15 p.m.  Concluding Remarks
   • Massimo Florio, University of Milan
   • Chiara Del Bo, University of Milan
   • Glenn Blomquist, SBCA Board
   • Announcement of the next European Conference

4:15-5:00 p.m.  Networking event and photo

5:00 p.m.  END OF THE CONFERENCE