

# Valentina Bosetti

Bocconi, Dept. Economics Via Roentgen, 1 20136, Milano, Italy  
Off. +39 02 5836.2227 Cell. +39 3493905173  
[Valentina.bosetti@unibocconi.it](mailto:Valentina.bosetti@unibocconi.it), [valentina.bosetti@eiee.org](mailto:valentina.bosetti@eiee.org)  
<http://www.witchmodel.org/>  
<http://faculty.unibocconi.eu/valentinabosetti/>  
[orcid.org/0000-0003-4970-0027](https://orcid.org/0000-0003-4970-0027)

## Current Positions

---

- 2017- now Full Professor at the Department of Economics, Bocconi University
- 2012- now Senior Scientist RFF-CMCC European Institute on Economics and the Environment

## Education

---

- Statale University of Milano, Phd in Computational Mathematics and Operational Research, Dec 1999- Jan 2003, thesis “Stochastic Programming and Decision Theory in the Management of Natural Resources”, Supervisors: Prof. Enza Messina
  - Awarded Prize Italgas 2004: DEBUT IN THE WORLD OF RESEARCH
- University College London, MSc Environmental and Resources Economics, Sept. 1998 – Sept.1999, (Distinction) Supervisor: prof. David Pearce
  - Awarded English Nature Grant
- University of Milan – Bicocca, Bachelor Environmental Sciences, Sept 1992- Nov 1997, (110 cum laude), Supervisors: prof. Francesco Archetti

## International Prizes, Fellowships, Individual Research Grants

---

- ERC Starting Grant 2014-2019, RISK and uncertainty in developing and Implementing Climate change policies (1.3 million Euros)
- Fellow at the Center for Advanced Studies in Behavioral Sciences, (CASBS) Stanford, 2014-2015
- ERC Starting Grant 2010-2013, Innovation for Climate change mitigation: a study of energy R&d, its Uncertain effectiveness and Spillovers, <http://www.icarus-project.org/> (0.9 million Euros)
- 2024 recipient of Bocconi University's Impact Awards, recognizing research and social impact achievements
- 2023-24 Teaching Awards, Bocconi University
- Second prize for best paper at the 20th World Energy Congress, Rome, 2007
- Best Paper prize for NOAA Economics Biennial Forum, New Orleans, LA. 2004.
- Debut In The World of Research, Italgas Prize, 2004
- MSc Dissertation, English Nature Grant, 1999

## Other Professional and Academic Experiences

---

- 2025, Visiting Professor, Cambridge University, Land Economics Department
- May 2020- May 2023 Chairwoman of Terna S.p.A. (Italian Transmission System Operator)
- 2019-2022, AR6th IPCC Lead Author in WG3, Chapter 1
- Summer 2019, Visiting Scholar at SCRIPPS UCSD
- 2012- 2017, Associate Professor, Bocconi University, Department Economics
- 2003-2018, Senior Researcher, Fondazione Eni Enrico Mattei
- 2014- 2015 Fellow at the Center for Advanced Studies in Behavioral Sciences, Stanford University
- 2010-2015, AR5th IPCC Lead Author in WG3 Chapter “Integrated Risk and Uncertainty Assessment of Climate Change Response Policies”

- 2008-2011, Visiting Researcher, Princeton Environmental Institute, New Jersey, US
- June 2005 – June 2006, Applied Mathematician Consultant, NOAA, Santa Cruz University and National Marine Fishery Laboratory
- 2004 Lecturer in Environmental Economics University of Milan, Department of Economics,
- 2003/2004 – 2004/2005 - 2005/2006 Adjoint Professor in Environmental Economics University of Sassari, Department of Architecture.
- July 2003 and September 2004, Visiting scientist, NOAA, Santa Cruz University and National Marine Fishery Laboratory
- 2000/2001 – 2001/2002 – 2002/2003, T. A. Financial Mathematics, Operation Research and Environmental Resources Management, University of Milan – Bicocca
- March 2003 Visiting Research, HEC l'Université de Genève (CH)
- April 2001, Visiting PhD Student, California Polytechnic, College of Business CalPoly (CA, USA)
- April - May 2001, Visiting PhD Student, Cornell University, Department of Applied Economic and Management (NY, USA)

## Affiliations/ Boards/ Memberships

---

2021-today: Editorial Board Member, *Global Environmental Change*

2018-today: Editorial Board, *Economics of Disasters and Climate Change*

2025-today: Associate Editor for *Operations Research*

2018-today: CEPR Research Fellow

2012-today: CESifo Research Network Member

### Past

2015-2021: *Energy Policy*: International Advisory Board

2015-2021: *Nature – Energy*: Editorial Advisory Panel in Social Science and Policy.

2015-2020: *Review of Environmental Economics and Policy* (REEP): Board of Editors

2016/2017/2018: Scientific Advisory Board, Basque Center for Climate Change

2014/2015/2016/2017: Council Member of the EAERE, European Association of Environmental and Resource Economists

2016-2017: Past-President of the IAERE, Italian Association of Environmental and Resource Economists

2013/2015: President of the IAERE, Italian Association of Environmental and Resource Economists

## PUBLICATIONS

---

### Journals and Books (*H-index: 60 (Google Scholar)*)

---

Elina Brutschin, Christoph Bertram, Luiz Bernardo Baptista, Valentina Bosetti, et al. , 2025, Feasible and Fair Climate Targets: Aligning Differentiated Ambition with the Paris Agreement Goals, Forthcoming in *Environ. Res.: Climate*

Valentina Bosetti, Italo Colantone, Catherine E. De Vries, Giorgio Musto, 2025, Green backlash and right-wing populism, forthcoming *Nature Climate Change*

Jessika E. Trancik, et al. 2025, Informed investments in clean energy technologies, forthcoming *Nature Energy*

C Bez, V Bosetti, I Colantone, M Zanardi, 2023, “Exposure to international trade lowers green voting and worsens environmental attitudes”, *Nature Climate Change*, 13, pages 1131–1135 (2023)

Aydogan, Berger, Bosetti, Liu, 2023 “Unraveling Ambiguity Aversion”, *The Review of Economics*

and Statistics 1–32, [https://doi.org/10.1162/rest\\_a\\_01358](https://doi.org/10.1162/rest_a_01358)

Aydogan, Berger, Bosetti, Liu, 2023 "Three Layers of uncertainty" Journal of the European Economic Association, Journal of the European Economic Association, jvado08, <https://doi.org/10.1093/jeea/jvado08>.

Ghidoni, Casari, Bosetti, Tavoni, Abatayo, 2023, "Governing climate geoengineering: Side-payments are not enough", Journal of the Association of Environmental and Resource Economists, <https://doi.org/10.1086/724286>

Matthew R.Sisco, S. Constantino, Y. Gao, M. Tavoni, A.Cooperm, V. Bosettic, E.Weber, 2023, Examining evidence for the Finite Pool of Worry and Finite Pool of Attention hypotheses, Global Environmental Change Volume 78, January 2023, 102622

Laurent Drouet, Valentina Bosetti, Massimo Tavoni, Net economic benefits of well-below 2°C scenarios and associated uncertainties, Oxford Open Climate Change, Volume 2, Issue 1, 2022, kgaco03, <https://doi.org/10.1093/oxfclm/kgaco03>

Grubb, M., C. Okereke, J. Arima, V. Bosetti, Y. Chen, J. Edmonds, S. Gupta, A. Köberle, S. Kverndokk, A. Malik, L. Sulistiawati, 2022: Introduction and Framing. In IPCC, 2022: Climate Change 2022: Mitigation of Climate Change. Contribution of Working Group III to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [P.R. Shukla, J. Skea, R. Slade, A. Al Khourdajie, R. van Diemen, D. McCollum, M. Pathak, S. Some, P. Vyas, R. Fradera, M. Belkacemi, A. Hasija, G. Lisboa, S. Luz, J. Malley, (eds.)]. Cambridge University Press, Cambridge, UK and New York, NY, USA. doi: 10.1017/9781009157926.003

Valentina Bosetti, · Francis Dennig, · Ning Liu, · Massimo Tavoni, Elke U. Weber, 2022, Forward-Looking Belief Elicitation Enhances Intergenerational Beneficence, Environmental and Resource Economics <https://doi.org/10.1007/s10640-022-00648-3>

Detlef P. van Vuuren, et al., 2022, Defining a sustainable development target space for 2030 and 2050, One Earth, <https://doi.org/10.1016/j.oneear.2022.01.003>

Drouet, L., Bosetti, V., Padoan, S.A. et al. Net zero-emission pathways reduce the physical and economic risks of climate change. Nat. Clim. Chang. 11, 1070–1076 (2021). <https://doi.org/10.1038/s41558-021-01218-z>

Riahi, K., Bertram, C., Huppmann, D. et al. Cost and attainability of meeting stringent climate targets without overshoot. Nat. Clim. Chang. 11, 1063–1069 (2021). <https://doi.org/10.1038/s41558-021-01215-2>

Köberle, A.C., Vandyck, T., Guivarch, C. et al. The cost of mitigation revisited. Nat. Clim. Chang. 11, 1035–1045 (2021). <https://doi.org/10.1038/s41558-021-01203-6>

Bertram, C., et al. (2021), Energy system developments and investments in the decisive decade for Paris Agreement targets, 2021 Environ. Res. Lett. 16 074020

Wei Peng, Gokul Iyer Valentina Bosetti, Vaibhav Chaturvedi, James Edmonds, Allen A. Fawcett, Stéphane Hallegatte, David G. Victor, Detlef van Vuuren & John Weyant (2021) "Climate policy models need to get real about people — here's how" Nature 594, 174-176 (2021) <https://doi.org/10.1038/d41586-021-01500-2>

Soheil Shayegh, Valentina Bosetti, Massimo Tavoni, 2021, Future Prospects of Direct Air Capture Technologies: Insights from an Expert Elicitation Survey Front. Clim., 26 May 2021 <https://doi.org/10.3389/fclim.2021.630893>

Lamperti, F., V. Bosetti, A. Roventini, M. Tavoni, T. Treibich, 2021, Three green financial policies to address climate risks, Journal of Financial Stability, Volume 54, June 2021, 100875

Brutschin, E., Pianta, S., Tavoni, M., Riahi, K., Bosetti, V., Marangoni, G., and van Ruijven, B. (2021) A multidimensional feasibility evaluation of low-carbon scenarios. *Environ. Res. Lett.* **16** 064069  
**DOI** 10.1088/1748-9326/abf0ce

Pianta, S., Brutschin, E. van Ruijven, B. and Bosetti, V. (2021) Faster or slower decarbonization?

Policymaker and stakeholder expectations on the effect of the COVID-19 pandemic on the global energy transition, *Energy Research & Social Science*, Vol 76, <https://doi.org/10.1016/j.erss.2021.102025>

Sisco, Pianta, Bosetti, Weber, (2021) Global climate marches sharply raise attention to climate change: Analysis of climate search behaviour in 46 countries, in *Journal of Environmental Psychology* Vol 75, <https://doi.org/10.1016/j.jenvp.2021.101596>

Athanasoglou, S., Bosetti, V. & Drouet, L. A Satisficing Framework for Environmental Policy Under Model Uncertainty. *Environ Model Assess* (2021). <https://doi.org/10.1007/s10666-021-09761-x>

Loïc Berger, Nicolas Berger, Valentina Bosetti, Itzhak Gilboa, Lars Peter Hansen, Christopher Jarvis, Massimo Marinacci, Richard D. Smith, 2021, Rational policymaking during a pandemic, *Proceedings of the National Academy of Sciences* Jan 2021, 118 (4) e2012704118; DOI: 10.1073/pnas.2012704118

Bosetti, Valentina. (2021). "Integrated Assessment Models for Climate Change." In the Oxford Research Encyclopedia of Economics and Finance. Oxford University Press. doi:10.1093/acrefore/9780190625979.013.572

Granella, F., Reis, L. A., Bosetti, V., & Tavoni, M. (2020, October 19). COVID-19 lockdown only partially alleviates health impacts of air pollution in Northern Italy. *Environmental Research Letters*, <https://doi.org/10.31219/osf.io/b38h2>

Roberto Schaeffer, V. Bosetti, E. Kriegler, K. Riahi, D. van Vuuren, 2020, Climatic change: CD-Links special issue on national low-carbon development pathways, *Climatic Change*, <https://doi.org/10.1007/s10584-020-02890-4>

Abatayo, Bosetti, Casari, Ghidoni, Tavoni (2020) Solar geoengineering may lead to excessive cooling and high strategic uncertainty, *Proceedings of the National Academy of Sciences* Jun 2020, 117 (24) 13393-13398; DOI: 10.1073/pnas.1916637117

Loïc Berger and Valentina Bosetti (2020) Characterizing ambiguity attitudes using model uncertainty, *JEBO, Journal of Economic Behavior & Organization*, Volume 180, December 2020, Pages 621-637, <https://doi.org/10.1016/j.jebo.2020.02.014>

Baker, E., V. Bosetti, A. Salo, 2020, Robust Portfolio Decision Analysis: An Application to the Energy Research and Development Portfolio Problem, *European Journal of Operational Research*, Volume 284, Issue 3, 1 August 2020, Pages 1107-1120, <https://doi.org/10.1016/j.ejor.2020.01.038>

Bosetti, V. C., Cattaneo, G., Peri, G., Should they stay or should they go? Climate Migrants and Local Conflicts (2020), *Journal of Economic Geography*, lbaa002, <https://doi.org/10.1093/jeg/lbaa002>

Schinko, Thomas; Drouet, Laurent; Vrontisi, Zoi; Hof, Andries; Hinkel, Jochen; Mochizuki, Junko; Bosetti, Valentina; Fragkiadakis, Kostas; Van Vuuren, Detlef; Lincke, Daniel (2020), Economy-wide effects of coastal flooding due to sea level rise: A multi-model simultaneous treatment of mitigation, adaptation, and residual impacts, *Environ. Res. Commun.* 2 (2020) 015002 <https://doi.org/10.1088/2515-7620/ab6368>

Johannes Emmerling, Ulrike Kornek, Valentina Bosetti, Kai Lessmann, (2019), Climate thresholds and heterogeneous regions: implications for coalition formation, *The Review of International Organizations*, <http://dx.doi.org/10.1007/s11558-019-09370-0>

Lamperti, F. Bosetti, V. Roventini, A. Tavoni, M., (2019), The public costs of climate-induced financial instability, *Nature Climate Change*, 9, pages829–833(2019) doi:10.1038/s41558-019-0607-5

Loïc Berger and Valentina Bosetti, (2019), Are policymakers ambiguity averse?, *The Economic Journal* doi:10.1093/ej/uez051

Johannes Emmerling, Laurent Drouet, Kaj van der Wijst, Detlef van Vuuren, Valentina Bosetti, and Massimo Tavoni, (2019), The role of the discount rate for emission pathways and negative emissions, *Environ. Res. Lett.* 14 104008 <https://doi.org/10.1088/1748-9326/ab3cc9>

Ho, E., Budescu, D.V., Bosetti, V. et al. Not all carbon dioxide emission scenarios are equally likely: a subjective expert assessment, *Climatic Change* (2019) 155: 545. <https://doi.org/10.1007/s10584-019->

- Shinichiro Fujimori, Tomoko Hasegawa, Volker Krey, Keywan Riahi, Christoph Bertram, Benjamin Leon Bodirsky, Valentina Bosetti, et al., (2019), A multi-model assessment of food security implications of climate change mitigation; *Nature Sustainability*, 2-5, 386
- David McCollum, Wenji Zhou, Christoph Bertram, Harmen Sytze de Boer, Valentina Bosetti, et al. (2018) "Energy investment needs for fulfilling the Paris Agreement and achieving the Sustainable Development Goals" *Nature Energy* volume 3, pages589–599 (2018)
- Mariësse A.E. van Sluisveld, Mathijs J.H.M. Harmsen, Detlef P. van Vuuren, Valentina Bosetti, Charlie Wilson, Bob van der Zwaan, (2018) Comparing future patterns of energy system change in 2°C scenarios to expert projections, *Global Environmental Change* 50 (2018) 201–211 <https://doi.org/10.1016/j.gloenvcha.2018.03.009>
- Gillingham, K. W. D. Nordhaus, D. Anthoff, V. Bosetti, G. Blanford, P. Christensen, H. McJeon, J. Reilly, P. Sztorc (2018), Modeling Uncertainty in the Integrated Assessment of Climate Change: A Multi-Model Comparison, *JAERE*, volume 5, number 4. <https://doi.org/10.1086/698910>
- Verdolini, E., L. D. Anadón, E. Baker, V. Bosetti, L. A. Reis, (2018), 'The Future Prospects of Energy Technologies: Insights from Expert Elicitations', *Review of Environmental Economics and Policy*, Volume 12, Issue 1, 1 February 2018, Pages 133–153, <https://doi.org/10.1093/reep/rex028>
- Rao, N., van Ruijven, B., Riahi, K, and Bosetti, V., (2017), Improving poverty and inequality modeling in climate research, *Nature Climate Change*, 7, pages857–862 (2017) doi:10.1038/s41558-017-0004-x
- Cattaneo, Cristina and Valentina Bosetti (2017) Climate-induced International Migration and Conflicts, *CESifo Economic Studies*, ifx010, <https://doi.org/10.1093/cesifo/ifx010> Published:08 September 2017
- Diaz Anadon, L., E. Baker, V. Bosetti (2017) Integrating uncertainty into public energy research and development decisions, *Nature Energy* 2, 17071 | DOI: 10.1038/nenergy.2017.71 |
- Adler, M, D Anthoff, V Bosetti, G Garner, K Keller, and N Treich, (2017), Priority For The Worse Off And The Social Cost Of Carbon, *Nature Climate Change*, DOI: 10.1038/nclimate3298
- Matthew R. Sisco, Valentina Bosetti, Elke U. Weber (2017), When do extreme weather events generate attention to climate change?, forthcoming *Climatic Change*, DOI: 10.1007/s10584-017-1984-2
- Bosetti, V., E. Weber, L. Berger, D. Budescu, N. Liu, M. Tavoni (2017) COP21 Climate Negotiators' Responses to Climate Model Forecasts, *Nature Climate Change*, 7, 185-189, DOI: 10.1038/NCLIMATE3208
- Ajay Gambhir, Laurent Drouet , David McCollum, Tamaryn Napp, Dan Bernie, Adam Hawkes , Oliver Fricko, Petr Havlik, Keywan Riahi, Valentina Bosetti and Jason Lowe, (2017) Assessing the Feasibility of Global Long-Term Temperature Change Mitigation Scenarios, *Energies*, 10, 89
- Marangoni, G. M. Tavoni, V. Bosetti, E. Borgonovo, et al. (2017) Sensitivity of projected long-term CO<sub>2</sub> emissions across the Shared Socio-economic Pathways, *Nature Climate Change*, 7, 113–117
- Bosetti, V., M. Heugues, A. Tavoni, (2017) Luring others into climate action: Coalition formation games with threshold and spillover effects, *Oxford Economic Paper*, 69(2), 2017, 410–431
- Verdolini, E. and Bosetti V., (2017) Environmental Policy and the International Diffusion of Cleaner Technologies for Power, *Environmental and Resource Economics*, March 2017, Volume 66, Issue 3, pp 497–536
- Keywan Riahi, et al. (2017) The Shared Socioeconomic Pathways and their Energy, Land Use, and Greenhouse Gas Emissions Implications: An Overview, *Global Environmental Change*, Volume 42 , Pages 153–168
- Bosetti, V., E. Baker, L. Diaz Anadon, L. Aleluia Reis (2016) Expert views - and disagreements - about the potential of energy technology R&D, *Climatic Change*, 136:677–691

- Bosetti, V. (2015) The role of renewables in the pathway towards decarbonisation, in “Towards a Workable and Effective Climate Regime”, eds. Scott Barrett, Carlo Carraro and Jaime de Melo, CEPR Press ISBN: 978-1-907142-95-6
- Drouet, L., V. Bosetti, M. Tavoni (2015), Selection of climate policies under the uncertainties outlined in IPCC AR5, *Nature Climate Change* 5, 937–940 (2015)
- Bosetti, V., C. Cattaneo, E. Verdolini (2015), Migration of Skilled Workers and Innovation: A European Perspective, *Journal of International Economics*, 07/2015 Volume 96, Issue 2, Pages 311-322
- Baker, E., V. Bosetti, L. Diaz Anadon, (2015), Editorial Special issue on Defining robust energy R&D portfolios, *Energy Policy*, 80, 215-218
- Lessmann, K., U. Kornek, V. Bosetti, et al., (2015), The stability and effectiveness of climate coalitions: A comparative analysis of multiple integrated assessment models, *Environmental and Resource Economics*, DOI 10.1007/s10640-015-9886-0.
- Bosetti, V., G. Marangoni, E. Borgonovo, L. Diaz Anadon, R. Barron, H. McJeon, S. Politis, P. Friley, 2015, “Sensitivity to Energy Technology Costs: A Multi-model comparison analysis” *Energy Policy*, Volume 80, May 2015, Pages 244-263
- Baker, E. , V. Bosetti, L. Diaz Anadon, M. Henrion, L. Aleluia Reis, 2015, Future Costs of Key Low-Carbon Energy Technologies: Harmonization and Aggregation of Energy Technology Expert Elicitation Data” *Energy Policy*, Volume 80, May 2015, Pages 219-232
- Kriegler, E., N. Petermann, V. Krey, V. J. Schwanitz, G. Luderer, S. Ashina, V. Bosetti, et al. “Diagnostic Indicators for Integrated Assessment Models of Climate Policy.” (2015) *Technological Forecasting and Social Change*. Volume 90, Part A, January 2015, Pages 45–61
- Riahi, K., E. Kriegler, N. Johnson, C. Bertram, M. den Elzen, J. Eom, M. Schaeffer, J. Edmonds, M. Isaac, and V. Krey. “Locked into Copenhagen Pledges—Implications of Short-term Emission Targets for the Cost and Feasibility of Long-term Climate Goals.” *Technological Forecasting and Social Change* (2015) Volume 90, Part A, January 2015, Pages 8–23
- N. Bauer, V. Bosetti, M. Hamdi-Cherif, A. Kitous, D. McCollum, A. Méjean, S. Rao, H. Turton, L. Paroussos, S. Ashina, K. Calvin, K. Wada, D. van Vuuren, (2015) CO<sub>2</sub> emission mitigation and fossil fuel markets: Dynamic and international aspects of climate policies, *Technological Forecasting and Social Change*, Volume 90, Part A, January 2015, Pages 243–256
- Kriegler, E. et al., Making or breaking climate targets: The AMPERE study on staged accession scenarios for climate policy, *Technological Forecasting and Social Change* (2015), Volume 90, Part A, January 2015, Pages 24–44
- Kunreuther H., S. Gupta, V. Bosetti, R. Cooke, V. Dutt, M. Ha-Duong, H. Held, J. Llanes-Regueiro, A. Patt, E. Shittu, and E. Weber, (2014): Integrated Risk and Uncertainty Assessment of Climate Change Response Policies. In: *Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and J.C. Minx (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.
- Athanassoglou, S. and V. Bosetti. (2014) “Setting Environmental Policy When Experts Disagree.” *Environmental and Resource Economics*, 1–20. doi:10.1007/s10640-014-9804-x.
- Bosetti, V. and M. Catenacci, (eds) (2014), “Innovation under Uncertainty: The Future of Carbon-Free Energy Technologies” Edward Elgar, Series on Economics, the Environment and Sustainable Development, 2014 224 pp Hardback 978 1 78254 646 7, ebook isbn 978 1 78254 647 4

Bosetti, V. C. Carraro, E. Massetti and M. Tavoni, 2014, "Climate Change Mitigation, Technological Innovation and Adaptation" Edward Elgar, Series on Economics, the Environment and Sustainable Development, 2014 224 pp Hardback 978 1 84980 949 8

Bosetti, V., J. Frankel (2014) "Sustainable Cooperation in Global Climate Policy: Specific Formulas And Emission Targets" *Climate Change Economics*, Vol. 5, No. 3.

Fiorese, G., Catenacci, M., Bosetti, V., Verdolini, E. (2014), The power of biomass: experts disclose the potential for success of bioenergy technologies, *Energy Policy*, Volume 65, February 2014, Pages 94–114.

Catenacci, M., Fiorese, G., Verdolini, E., Bosetti, V., (2013), Going Electric: Expert Survey on the Future of Battery Technologies for Electric Vehicles, *Energy Policy* 61, 403–413

Bosetti V., T. Longden (2013), "Light Duty Vehicle Transportation and Global Climate Policy: the Importance of Electric Drive Vehicles," *Energy policy*, 58, 209–219

Bosetti V., E. De Cian (2013), "A good opening: the key to make the most of unilateral climate action," *Environmental and Resource Economics* Volume 56, Issue 2, pp 255-276

Fiorese, G., M. Catenacci, E. Verdolini and V. Bosetti, (2013), Advanced Biofuels: Future Perspectives from an Expert Elicitation Survey, *Energy Policy* Volume 56, May 2013, Pages 293–311

Bosetti, V., C. Carraro, E. De Cian, E. Massetti, M. Tavoni (2013), Incentives and Stability of International Climate Coalitions: An Integrated Assessment, *Energy Policy*, Volume 55, April 2013, Pages 44–56

Anadon, L. V. Bosetti, M. Bunn, M. Catenacci, and A. Lee Expert Judgments about RD&D and the Future of Nuclear Energy, *Environ. Sci. Technol.*, September 24, 2012 (Policy Analysis)

Bosetti, V., M. Catenacci, G. Fiorese, E. Verdolini (2012), The Future Prospect of PV and CSP Solar Technologies: An Expert Elicitation Survey, *Energy Policy* Volume 49, October 2012, Pages 308–317

Bosetti, V., Palstev, S. Reilly, J. C. Carraro (2012) "Emissions Pricing to Stabilize Global Climate", in *Fiscal Policy To Mitigate Climate Change: A Guide For Policymakers*, Ruud de Mooij, Ian W.H. Parry, and Michael Keen (eds.), International Monetary Fund

De Cian, E., V. Bosetti & M. Tavoni (2011), Technology innovation and diffusion in "less than ideal" climate policies: An assessment with the WITCH model, *Climatic Change*. Volume 114 Number 1

Luderer, G. V. Bosetti, et al. (2011), The economics of decarbonizing the energy system—results and insights from the RECIPE model intercomparison, *Climatic Change*. Volume 114 Number 1

Bosetti, V., and S. K. Rose (2011) Reducing carbon emissions from deforestation and forest degradation: issues for policy design and implementation. *Environment and Development Economics*, *Environment and Development Economics*, 02/2011, Vol. 16, Special Issue 4, doi:10.1017/S1355770X11000143

Bosetti, V., C. Carraro, M. Tavoni (2011) A Timing of Mitigation and Technology Availability in Achieving a Low-Carbon World, *Environmental and Resource Economics* March 2012, Volume 51, Issue 3, pp 353-369

Bosetti, V and J. Frankel (2011) Politically Feasible Emission Target Formulas to Attain 460 ppm CO<sub>2</sub> Concentrations, *Rev Environ Econ Policy* (Winter 2012) 6(1): 86-109 first published online December 14, 2011 doi:10.1093/reep/rero22

Bosetti, V. et al., (2011). What should we expect from innovation? A model-based assessment of the environmental and mitigation cost implications of climate-related R&D. *Energy Economics*, 33(6), pagg.1313-1320.

Bosetti, V, R. Lubowski, A. Golub, A Markandya, (2011) Linking reduced deforestation and a global carbon market: implications for clean energy technology and policy flexibility *Environment and Development Economics*, 02/2011, Vol. 16, Special Issue 4, pp 479-505

Bosetti V. (2011). Which technologies should we pick? A comments, *Energy Economics* 33 (2011) 632–633

Bosetti V. and D. Victor (2011). Politics and Economics of Second-Best Regulation of Greenhouse Gases: The Importance of Regulatory Credibility, *The Energy Journal*, Vol. 32, No. 1.

Bosetti V., Carraro C., Massetti, (2010), E. Politiche e strategie economiche per il clima, *Ecosphera* / Vol. 4 : Opportunità ed interdipendenze, Torino, UTET (ISBN 8802083827) (Enciclopedia)

Bosetti, V, R. Lubowski, (eds) (2010), *Deforestation and climate Change*, London: Edward Elgar Publishing

Bosetti, V., C. Carraro, A. Sgobbi, and M. Tavoni (2010) “*Optimal Energy Investment and R&D Strategies to Stabilize Atmospheric Greenhouse Gas Concentrations*” ,chapter in Lasry, Lautier, Fessler (eds), *The Economics of Sustainable Development*, Paris, Economica,

Bosetti, V. (2010) “*Technology-Led Climate Policy. Alternative Perspective*” chapter in B. Lomborg eds. *Smart Solutions to Climate Change*, Cambridge University Press.

Bosetti, V., C. Carraro, A. Sgobbi, and M. Tavoni (2009) "Modelling Economic Impacts of Alternative International Climate Policy Architectures: A Quantitative and Comparative Assessment of Architectures for Agreement", chapter in Aldy, Joseph E. and Robert N. Stavins, eds. *Post-Kyoto International Climate Policy*. Cambridge, UK: Cambridge University Press, September 2009.

Bosetti, V., C. Carraro, and M. Tavoni (2009) "Innovation and climate mitigation: a policy appraisal", chapter in Juan Delgado, Stephen Gardner, eds. *Beyond Copenhagen: A climate policymaker's handbook*. Bruegel Books, Belgium, 2009.

Bosetti, V., C. Carraro and M.Tavoni (2009) A Chinese commitment to commit: can it break the negotiation stall?, *Climatic Change* Volume 97, Numbers 1-2, 297-303

Bosetti, V and van der Zwaan, B. (2009) Targets and technologies for climate control. Guest Editorial Special Issue: The Economics of Climate Change: Targets and Technologies, *Climatic Change*, Volume 96, Number 3, 269-273

Bosetti, V., C. Carraro, A. Sgobbi, and M.Tavoni (2009) Delayed Action and Uncertain Stabilisation Targets. How Much Will the Delay Cost?, *Climatic Change*, Volume 96, Number 3, 299-312

Bosetti, V., C. Carraro and M.Tavoni (2009) Climate Change Mitigation Strategies in Fast-Growing Countries: The Benefits of Early Action. *Energy Economics*, Volume 31, Supplement 2, December 2009, Pages S144-S151

Bosetti, V., C. Carraro, E. Massetti, A. Sgobbi and M.Tavoni (2009) Optimal Energy Investment and R&D Strategies to Stabilise Greenhouse Gas Atmospheric Concentrations, *Resource Energy Economics*, Volume 31, Issue 2, May 2009, Pages 123-137 doi:10.1016/j.reseneeco.2009.01.001

Bosetti, V., Tavoni,M., Uncertain R&D, backstop technology and GHGs stabilization, *Energy Economics* 31 (2009) S18–S26 doi:10.1016/j.eneco.2008.03.002

Bosetti, V., C. Carraro and M.Tavoni (2008) "Climate policy after 2012. Technology, Timing, Participation", *CESifo Economic Studies*, Vol. 55, 2/2009, 235–254

Bosetti, V., C. Carraro, E. Massetti (2008) " Banking Permits: Economic Efficiency and Distributional Effects", *Journal of Policy Modeling*, Volume 31, Issue 3, May-June 2009, Pages 382-403  
doi:10.1016/j.jpolmod.2008.12.005

Bosetti, V. Buchner, B. (2008) "Data Envelopment Analysis of different climate policy scenarios", *Ecological Economics*, Volume 68, Issue 5, 15 March 2009, Pages 1340-1354,  
doi:10.1016/j.ecolecon.2008.09.007

Bosetti, V. C. Carraro, E. Massetti, M. Tavoni. (2008) "International Energy R&D Spillovers And The Economics Of Greenhouse Gas Atmospheric Stabilization", *Energy Economics*, 30 (2008) 2912–2929, doi:10.1016/j.eneco.2008.04.008

Bosetti, V., A. Golub, A. Markandya, E. Massetti, M. Tavoni "Abatement Cost Uncertainty and Policy Instrument Selection. A Dynamic Analysis", Chapter in Golub, A., A. Markandya (eds) (2008), *Modelling Environment-Improving Technological Innovations under Uncertainty*, Routledge Publishing.

*This paper has been awarded the second prize for best paper at the 20th World Energy Congress, Rome.*

Bosetti, V. R. Gerlagh, and S. Schleicher (eds) (2008), *Modeling Transitions to Sustainable Development*, London: Edward Elgar Publishing

Bosetti, V., Galeotti, M. "The impact of technical progress on sustainability policy" chapter in Bosetti, V. R. Gerlagh, and S. Schleicher (eds) (2008), *Modeling Transitions to Sustainable Development*, London: Edward Elgar Publishing.

Bosetti, V., Lanza, A., Cassinelli, M., "Benchmarking In Tourism Destination, Keeping In Mind The Sustainable Paradigm" - Part II; 165-180, chapter in Matias, A., Nijkamp, P., Neto, P., (eds). *Advances in Modern Tourism Research*, Springer-Verlag Publishing (May 2007)

Tavoni, M., Sohngen, B., Bosetti, V. "Forestry and the carbon market response to stabilize climate", *Energy Policy* 35 (2007) 5346–5353.

Bosetti, V. and L. Gilotte. (2007) "The impact of Carbon Capture and Storage on Overall Mitigation Policy", *Climate Policy* 7 3–12.

Bosetti V., C. Carraro, M. Galeotti, E. Massetti and M. Tavoni, (2006), "WITCH: A World Induced Technical Change Hybrid Model", *The Energy Journal*, Special Issue. Hybrid Modeling of Energy-Environment Policies: Reconciling Bottom-up and Top-down, 13-38.

Bosetti, V. Galeotti, M., Lanza, A. (2006) "How Consistent are Alternative Short-Term Climate Policies with Long-Term Goals?" *Climate Policy*, Vol 6 (3), 295-312.

Bosetti V., C. Carraro, M. Galeotti. "The Dynamics of Carbon and Energy Intensity in a Model of Endogenous Technical Change" *The Energy Journal*, Endogenous Technological Change and the Economics of Atmospheric Stabilisation Special Issue (2006) 93-107.

Bosetti, V., Locatelli, G., 2006. A data envelopment analysis approach to the assessment of natural parks' economic efficiency and sustainability. The case of Italian national parks. *Sustainable Development*. 14(4), 277 - 286.

Bosetti, V. Messina, E. "Integrating Stochastic Programming and Decision Tree Techniques in Land Conversion Problems" *Annals of Operations Research* (2006) 142: 245-260

Bosetti, V. Lanza, A. Cassinelli, M. "Using Data Envelopment Analysis to Evaluate Environmentally Conscious Tourism Management" - Chapter 9; 252-268, in: Lanza, A., Markandya, A., Pigliaru, F., (eds). The Economics of Tourism and Sustainable Development, Edward Elgar Publishing (September 2005).

Bosetti, V. Conrad, J., Messina, E. "The Value of Flexibility: Preservation, Remediation, or Development for Ginostra?". *Environmental Resource Economics* (2004) 29: 219-229.

Bosetti, V. Messina, E. "Uncertainty and Option Value in Land Allocation Problems" *Annals of Operations Research* (2003) 124: 165-181.

Pearce, D. W. Bosetti, V. "A Study Of Environmental Conflict: The Economic Value Of Grey Seals In South West England" *Biodiversity and Conservation* (2003) 12 (12): 2361-2392

Bosetti, V. Messina, E., Valente, P. "Optimisation Technologies and Environmental Applications" *IMA Journal of Management Mathematics* (2002) 13 (3): 167-185.

## Working papers and other publications

---

Michela Boldrini, Valentina Bosetti, Salvatore Nunnari, 2024, Negative Emission Technologies and Climate Cooperation, CESIFO WP, <https://www.cesifo.org/en/publications/2024/working-paper/negative-emission-technologies-and-climate-cooperation>

Aydogan, I., L. Berger, V. Bosetti, (2019). "Three layers of uncertainty: an experiment". IGER WP Series n.623

Ilke Aydogan, Loïc Berger, and Valentina Bosetti (2019) Economic Rationality: Investigating the Links between Uncertainty, Complexity, and Sophistication. IGER WP Series n.653

Massimo Tavoni, Valentina Bosetti, Soheil Shayegh, Laurent Drouet, Johannes Emmerling, Sabine Fuss, Timo Goeschl, Celine Guivarch, Thomas S. Lontzek, Vassiliki Manoussi, Juan Moreno-Cruz, Helene Muri, Martin Quaas, Wilfried Rickels (2017) Challenges and Opportunities for Integrated Modeling of Climate Engineering, Nota di Lavoro 2017.038, Milan, Italy: Fondazione Eni Enrico Mattei

Giacomo Marangoni, Gauthier De Maere, Valentina Bosetti (2017) Optimal Clean Energy R&D Investments Under Uncertainty, Nota di Lavoro 2017.016, Milan, Italy: Fondazione Eni Enrico Mattei

Stergios Athanasoglou, Valentina Bosetti, Laurent Drouet (2017) A Simple Framework for Climate-Change Policy under Model Uncertainty, Nota di Lavoro 2017.013, Milan, Italy: Fondazione Eni Enrico Mattei

Cristina Cattaneo, Valentina Bosetti (2016) Climate-induced International Migration and Conflicts, Nota di Lavoro 2016.063, Milan, Italy: Fondazione Eni Enrico Mattei

Matthew Adler, David Anthoff, Valentina Bosetti, Greg Garner, Klaus Keller, Nicolas Treich (2016) Priority for the Worse Off and the Social Cost of Carbon, Nota di Lavoro 2016.055, Milan, Italy: Fondazione Eni Enrico Mattei

Matthew R. Sisco, Valentina Bosetti, Elke U. Weber (2016), Do Extreme Weather Events Generate Attention to Climate Change?, Nota di Lavoro 2016.053, Milan, Italy: Fondazione Eni Enrico Mattei

Verdolini, E., L. D. Anadón, E. Baker, V. Bosetti, L. A. Reis, (2016), 'The Future Prospects of Energy Technologies: Insights from Expert Elicitations', Nota di Lavoro 47.2016, Milan, Italy: Fondazione Eni Enrico Mattei

Baker, E., V. Bosetti, A. Salo, (2016) Finding common ground when experts disagree: Belief dominance

over portfolios of alternatives, FEEM Working Paper/Nota di Lavoro 46.2016

Johannes Emmerling, Laurent Drouet, Lara Aleluia Reis, Michela Bevione, Loic Berger, Valentina Bosetti, Samuel Carrara, Enrica De Cian, Gauthier De Maere D'Aertrycke, Tom Longden, Maurizio Malpede, Giacomo Marangoni, Fabio Sferra, Massimo Tavoni, Jan Witajewski-Baltvilks, Petr Havlik, (2016) The WITCH 2016 Model - Documentation and Implementation of the Shared Socioeconomic Pathways, FEEM Working Paper/Nota di Lavoro 42.2016

Berger, L. and V. Bosetti (2016) Ellsberg Re-revisited: An Experiment Disentangling Model Uncertainty and Risk Aversion FEEM Working Paper n. 37

Anadon, L.D., E. Baker, V. Bosetti, L. Aleluia Reis (2016) Too Early to Pick Winners: Disagreement across Experts Implies the Need to Diversify R&D Investment FEEM Working Paper n. 22

Bosetti, V. , L.D. Anadon, L.D., E. Baker, E. Verdolini, L. Aleluia Reis (2016) "[The Future of Energy Technologies: An Overview of Expert Elicitations](#)". GGKP Research Committee on Technology and Innovation Working Paper 01. A short news article about this publication can be found [here](#).

Gillingham, K. W. D. Nordhaus, D. Anthoff, V. Bosetti, G. Blanford, P. Christensen, H. McJeon, J. Reilly, P. Sztorc (2015), Modeling Uncertainty in Climate Change: A Multi-Model Comparison, *NBER wp 21637* also *FEEM WP 13*

Bosetti, V., M. Heugues, A. Tavoni, (2015) Luring Others into Climate Action: Coalition Formation Games with Threshold and Spillover Effects FEEM Working Paper n. 21

Baker, E., V. Bosetti, L. D. Anadón, M. Henrion, L. A. Reis, (2015), Costs of Key Low-Carbon Energy Technologies: Harmonization and Aggregation of Energy Technology Expert Elicitation Data FEEM Working Paper n. 45

Anadon, Laura Diaz, Valentina Bosetti, Gabriel Chan, Gregory Nemet, and Elena Verdolini. "Energy Technology Expert Elicitations for Policy: Workshops, Modeling, and Meta-analysis." Discussion Paper 2014-08, Energy Technology Innovation Policy research group, Belfer Center for Science and International Affairs, Harvard Kennedy School, October 2014 and FEEM Working Paper n. 91

Valentina Bosetti, Jeffrey Frankel A pre-Lima scorecard for evaluating which countries are doing their fair share in pledged carbon cuts, 24 November 2014, VOXEU, <http://voxeu.org/article/fair-shares-pledged-carbon-cuts>

Kai Lessmann, Ulrike Kornek, Valentina Bosetti, Rob Dellink, Johannes Emmerling, Johan Eyckmans, Miyuki Nagashima, Hans-Peter Weikard, Zili Yang (2014), The Stability and Effectiveness of Climate Coalitions: A Comparative Analysis of Multiple Integrated Assessment Models, FEEM Working Paper n. 05

Ricci, Elena, Valentina Bosetti, Karen E. Jenni, Erin Baker (2014), From Expert Elicitations to Integrated Assessment: Future Prospects of Carbon Capture Technologies, FEEM Working Paper n. 44

Erin Baker, Valentina Bosetti, Karen E. Jenni, Elena Claire Ricci (2014), Facing the Experts: Survey Mode and Expert Elicitation, FEEM Working Paper n. 01

Bosetti, V. M. Maffezzoli (2013), Taxing Carbon under Market Incompleteness, FEEM Working Paper n. 072

Bosetti, V. E. Verdolini (2013), Clean and Dirty International Technology Diffusion, FEEM Working Paper n. 043

Fiorese, G., M. Catenacci, E. Verdolini , V. Bosetti, (2013), The Power of Biomass: Experts Disclose the Potential for Success of Bioenergy Technologies, FEEM Working Paper n. 018

Catenacci, M., E. Verdolini , V. Bosetti, G. Fiorese, N. Ameli (2012), Going Electric: Expert Survey on the Future of Battery Technologies for Electric Vehicles, FEEM Working Paper n. 093

Bosetti, V., C. Cattaneo, E. Verdolini (2012), Migration, Cultural Diversity and Innovation: A European Perspective, FEEM Working Paper n. 069 and IGIER Working Paper 469

Fiorese, G., M. Catenacci, E. Verdolini, V. Bosetti, (2012), Advanced Biofuels: Future Perspectives from an Expert Elicitation Survey, FEEM Working Paper n. 067

Bosetti, V., F. Ghersi (2012), Beyond GDP: Modelling Labour Supply as a 'Free Time' Trade-off in a Multiregional Optimal Growth Model, FEEM Working Paper n. 044

Bosetti, V., T. Longden (2012), Light Duty Vehicle Transportation and Global Climate Policy: The Importance of Electric Drive Vehicles, FEEM Working Paper n. 011

Athanassoglou, S., Bosetti, V. and DeMaere, G. (2012), Ambiguous Aggregation of Expert Opinions: The Case of Optimal R&D Investment, FEEM Working Paper n. 004 and IGIER Working Paper 468

Bosetti, V., M. Catenacci, G. Fiorese, E. Verdolini (2012), The Future Prospect of PV and CSP Solar Technologies: An Expert Elicitation Survey, FEEM Working Paper n. 001

Bosetti, V. and J. Frankel (2011) "Sustainable Cooperation in Global Climate Policy: Specific Formulas and Emission Targets to Build on Copenhagen and Cancun" NBER Working Paper No. w17669, Issued in December 2011

Bosetti, V., C. Carraro, E. De Cian, E. Massetti, M. Tavoni (2011), Incentives and Stability of International Climate Coalitions: An Integrated Assessment, FEEM Working Paper n. 097

Bosetti, V., E. De Cian (2011), "A good opening: the key to make the most of unilateral climate action," Fondazione Eni Enrico Mattei Working Papers No. 82, June 2011.

Bosetti, V., C. Carraro, S. Reilly, J. (2011) Emissions Pricing to Stabilize Global Climate, FEEM Working Paper n. 080

Bosetti, V., J. Frankel, (2011) Sustainable Cooperation in Global Climate Policy: Specific Formulas and Emission Targets to Build on Copenhagen and Cancun, United Nations Development Programme, Human Development Reports. Research Paper 2011/01. November 2011

Bosetti, Valentina and Jeffrey Frankel. "Sustainable Cooperation in Global Climate Policy: Specific Formulas and Emission Targets to Build on Copenhagen and Cancun." Discussion Paper 2011-46, Harvard Project on Climate Agreements, Belfer Center for Science and International Affairs, Harvard Kennedy School, September 2011.

Bosetti, V., J. Frankel, (2011) Sustainable Cooperation in Global Climate Policy: Specific Formulas and Emission Targets to Build on Copenhagen and Cancun, FEEM Working Paper n. 066

Bosetti, V., C. Carraro and M. Tavoni, (2010) Alternative Paths toward a Low Carbon World, FEEM Working Paper n. 062

Vöhringer, F. A. Haurie, D. Guan, M. Labriet, R. Loulou, V. Bosetti, P. R. Shukla, P. Thalmann (2010) "Reinforcing the EU Dialogue with Developing Countries on Climate Change Mitigation" FEEM Working Paper No. 43

Bosetti, V., C. Carraro, R. Duval and M. Tavoni (2010). "What Should We Expect from Innovation? A Model-Based Assessment of the Environmental and Mitigation Cost Implications of Climate-Related R&D" FEEM Working Paper, 42.2009

Bosetti, V., D. Victor (2010). "Politics and Economics of Second-Best Regulation of Greenhouse Gases: The Importance of Regulatory Credibility" FEEM Working Paper, 29.2010

Bosetti, V. (May 2010) Voglio Carburante dal sole, WIRED, <http://mag.wired.it/rivista/storie/voglio-carburante-dal-sole.html>

Bosetti, V. and J. Frankel (2009) "Global Climate Policy Architecture and Political Feasibility: Specific Formulas and Emission Targets to Attain 460 ppm CO<sub>2</sub> Concentrations" NBER Working Paper No. 15516, Issued in November 2009

G. Blanford V. Bosetti C. Carraro R. Richels T. F. Rutherford M. Tavoni (2009) "Breaking the climate stalemate?" VOXEU, <http://www.voxeu.org/index.php?q=node/4345>

Bosetti, V., C. Carraro, E. De Cian, R. Duval, E. Massetti and M. Tavoni (2009). "The Incentives to Participate in and the Stability of International Climate Coalitions: A Game-Theoretic Approach Using the WITCH Model." OECD Economics Department Working Papers No. 702, June 2009.

Bosetti, V., C. Carraro, A. Sgobbi, R. Duval and M. Tavoni "The Role of R&D and Technology Diffusion in Climate Change Mitigation: New Perspectives Using the Witch Model", Fondazione Eni Enrico Mattei, Working Paper N.14-2009.

Bosetti, V., C. Carraro, R. Duval, A. Sgobbi, M. Tavoni (2009) "The Role of R&D and Technology Diffusion in Climate Change Mitigation: New Perspectives using the WITCH Model" OECD Economics Department Working Paper, No. 664, OECD publishing, © OECD. doi:10.1787/227114657270.

G. Luderer, V Bosetti, M. Jakob, J Steckel, H Waisman, O Edenhofer "Towards a Better Understanding of Disparities in Scenarios of Decarbonization: Sectorally Explicit Results from the RECIPE Project", Fondazione Eni Enrico Mattei, Working Paper N.117-2009.

Bosetti, V. C. Carraro (2009) Investments and Policies to Control GHG Emissions in the Energy Sector, L'INDUSTRIA, n. 1, gennaio-marzo 2009

Bosetti, V., R. Dellink, R. Gerlagh, M. Hofkes, K. Smeekens, B. van der Zwaan, (2008), On the Economics of Carbon Capture and Sequestration. The Cost of Stabilising Greenhouse Gas Atmospheric Concentrations and the Role of CCS, Report number W-08/33, December 2008, Institute for Environmental Studies, Vrije Universiteit, The Netherlands

Bosetti, V. C. Carraro, A. Sgobbi, M. Tavoni. (2008) "Pay less, get less: An economic assessment of post-2012 climate policy proposals" VOX, 6 December 2008, <http://www.voxeu.org/index.php?q=node/2668>

Bosetti, V. C. Carraro, A. Sgobbi, M. Tavoni. (2008) "Climate policy uncertainty: Shall we hedge against it?" VOX, 14 October 2008, <http://www.voxeu.org/index.php?q=node/2426>

Bosetti, V. C. Carraro, M. Tavoni. (2008) "How can China help reduce climate policy costs?" VOX, 1 October 2008, <http://www.voxeu.org/index.php?q=node/1724>

Bosetti, V., C. Carraro, E. De Cian, A. Sgobbi and M. Tavoni (2008) "The 2008 WITCH model: new model features and baseline", \*MIMEO\*

Bosetti, V., C. Carraro, A. Sgobbi, and M. Tavoni (2008) "Modelling Economic Impacts of Alternative International Climate Policy Architectures: A Quantitative and Comparative Assessment of Architectures for Agreement", Discussion Paper 08-20, Harvard Project on International Climate Agreements, Belfer Center for Science and International Affairs, Harvard Kennedy School, December 2008.

Bosetti, V., C. Carraro and M. Tavoni (2008) "Delayed Participation of Developing Countries to Climate Agreements: Should Action in the EU and US be Postponed?", Fondazione Eni Enrico Mattei, Working Paper N.70-2008.

Bosetti, V., C. Carraro, A. Sgobbi, and M. Tavoni (2008) "Delayed Action and Uncertain Targets. How Much Will Climate Policy Cost?", Fondazione Eni Enrico Mattei, Working Paper N. 69-2008., Submitted to Climatic Change

Bosetti, V., C. Carraro, E. Massetti (2008) "Banking Permits: Economic Efficiency and Distributional Effects", Fondazione Eni Enrico Mattei, Working Paper N.1-2008.

Bosetti, V. C. Carraro, E. Massetti, M. Tavoni. (2008) "What a different world. Costs and policy for a low carbon society" VOX, 24 January 2008, <http://www.voxeu.com/index.php?q=node/890>

Bosetti, V., R. Dellink, R. Gerlagh, M. Hofkes, K. Smeekens and B. van der Zwaan, (2008), On the Economics of Carbon Capture and Sequestration: the Cost of Stabilising Greenhouse Gas Atmospheric Concentrations and the Role of CCS, MIMEO

Bosetti, V., C. Carraro, E. Massetti, and M. Tavoni (2007) "Optimal Energy Investment and R&D Strategies to Stabilise Greenhouse Gas Atmospheric Concentrations", Fondazione Eni Enrico Mattei, Working Paper N.95-2007

Bosetti, V. Carraro, C., Massetti, E., Tavoni, M. "International Energy R&D Spillovers And The Economics Of Greenhouse Gas Atmospheric Stabilization". Working Paper 82, Milan: Fondazione Eni Enrico Mattei. 2007

Tavoni, M., Sohngen, B., Bosetti, V. "Forestry and the carbon market response to stabilize climate". Working Paper 15. Milan: Fondazione Eni Enrico Mattei. 2007

Bosetti, V., Tavoni, M. "Uncertain R&D, Backstop Technology and GHGs Stabilization". Working Paper 5. Milan: Fondazione Eni Enrico Mattei. 2007

Bosetti, V., Massetti, E., Tavoni, M. "The WITCH Model. Structure, Baseline, Solutions". Working Paper 10. Milan: Fondazione Eni Enrico Mattei. 2007

Tomberlin, D., Bosetti, V. "An Iterative Finite Difference Approach to Option and Project Valuation" NOAA TECHNICAL MEMORANDUM NMFS, March 2006, NOAA-TM-NMFS-SWFSC-389

Bosetti, V., Cassinelli, M., Lanza, A. "Benchmarking In Tourism Destination, Keeping In Mind The Sustainable Paradigm" Working Paper 12. Milan: Fondazione Eni Enrico Mattei. 2006

Bosetti, V., Carraro, C., Galeotti, M. "Stabilisation Targets, Technical Change and the Macroeconomic Costs of Climate Change Control" Working Paper 2. Milan: Fondazione Eni Enrico Mattei. 2006

Bosetti, V., Drouet, L. "Accounting for Uncertainty Affecting Technical Change In An Economic-Climate Model": FEEM Working Paper 147. Milan: Fondazione Eni Enrico Mattei. 2005 Submitted to Environmental Resource Economics

Bosetti, V., Gilotte, L. "Carbon Capture and Sequestration: How much does this Uncertain Option Affect Near-Term Policy Choices" FEEM Working Paper 86. Milan: Fondazione Eni Enrico Mattei. 2005.

Bosetti, V., Buchner, B. "Using DEA to assess the Relative Efficiency of Different Climate Policy Portfolio" FEEM Working Paper 82. Milan: Fondazione Eni Enrico Mattei. 2005. Submitted to *Ecological Economics*

Bosetti V., C. Carraro, M. Galeotti. "The Dynamics of Carbon and Energy Intensity in a Model of Endogenous Technical Change" FEEM Working Paper 06. Milan: Fondazione Eni Enrico Mattei. 2005

Bosetti, V., Locatelli, G. "A Data Envelopment Analysis Approach to The Assessment Of Natural Parks' Economic Efficiency And Sustainability. The Case of Italian National Parks". FEEM Working Paper 63. Milan: Fondazione Eni Enrico Mattei. 2005

Tomberlin, D., Bosetti, V. "Participation in a Limited-Entry Fishery: An Options Approach" Presented to the NOAA Fisheries Economics Biennial Forum, New Orleans, LA. 2004. Awarded Best Paper prize for NOAA Fisheries.

Tomberlin, D., Bosetti, V. "Solving Real Options Models of Fisheries Investment When Salvage Value Is Difficult to Estimate" In: Proceedings of the 2004 IIFET Convention. Corvallis, OR: International Institute for Fisheries Economic

Bosetti, V., Galeotti, M., Lanza, A. "How Consistent are Alternative Short-Term Climate Policies with Long-Term Goals?" FEEM Working Paper 157. Milan: Fondazione Eni Enrico Mattei. 2004.

Bosetti, V., Tomberlin, D. "Real Options Analysis of Fishing Fleet Dynamics: A Test" FEEM Working Paper 102. Milan: Fondazione Eni Enrico Mattei. 2004

Bosetti, V., Lanza, A., Cassinelli, M. "Using Data Envelopment Analysis to Evaluate Environmentally Conscious Tourism Management". FEEM Working Paper 59. Milan: Fondazione Eni Enrico Mattei. 2004

Bosetti, V., Messina, E. "Quasi Option Value and Irreversible Choices" FEEM Working Paper 14. Milan: Fondazione Eni Enrico Mattei. 2001

Bosetti, V., Pearce, D.W. "A Study of Environmental Conflict". CSERGE Working Paper GEC 01-02. Norwich: University of East Anglia. 2001.

Bosetti, V. "Uno studio di un conflitto ambientale: il valore economics delle foche grigie della Cornovaglia" "Equilibri - Rivista per lo sviluppo sostenibile" 2/2000

Bosetti, V. "Microsimulazione e Road Pricing nella gestione del traffico urbano" "Equilibri - Rivista per lo sviluppo sostenibile" 3/1998

## **External Referee and Advisor Phd Thesis**

---

### *Advisor*

Martino Gilli, Bocconi University, ongoing  
Balazs Marko, Bocconi University, ongoing  
Ileri Hernandez Carballo, Bocconi University, 2025  
Francesco Granella, Bocconi University, 2022  
Silvia Pianta, Bocconi University, 2021

### *External Referee*

Catarina Peralta, 2025  
Catarina Midoes, Ca Foscari Venice, 2025  
Celia Escribe, CMAP Ecole Polytechnique, Paris, 2024  
Thibault Briera, CIRED, 2024  
Celia Escribe, Ecole Polytechnique Paris, 2024  
Mariesse van Sluisveld, Utrecht University, 2017  
Francesco Lamperti, Sant'Anna Pisa, 2016  
Bjart Holtsmark, Economic Department, Oslo University 2016  
Edmundo Molina-Perez, RAND, Santa Monica, 2015  
Jules Wurlod, Geneva Graduate School 2015  
Julie Rozemberg, CIRED, Paris, 2013  
Olivier Durand-Lasserve, CORE, Louvain-la-Neuve, Belgium, 2012  
Ramiro Parrado, University Cà Foscari, Venice, 2012  
Halvor Briseid Storrøsten, Oslo Universit, 2011

## **Refereeing Activity**

---

Climatic Change, Climate Change Economics, Global Environmental Change, Environmental and Resource Economics, Journal of Environmental Economics and Management, Energy Economics, Energy Journal, Ecological Economics, Climate Policy, Energy Policy, Nature Climate Change, International Environmental Agreements: Politics, Law and Economics, WIREs, BePress, MIT Press, Journal of Public Economics, European Journal of OR, OR, Nature, Nature Climate Change, Nature Energy, Science, PNAS, JAERE.

## Presentations and Seminars

June 2025	EAERE Summer School in Resource and Environmental Economics 2025, Graz, Faculty
April 2025	UM6P FGSES RESEARCH CONFERENCE, Climate Challenges: Unlocking Opportunities for Sustainable Growth, Morocco, Speaker
Feb 2025	XIII International Academic Symposium, University of Barcelona, Keynote
Dic 2024	Scoping Meeting IPCC AR7th, Malesia
Nov 2024	IAMC Conference, Corea, Speaker
Oct 2024	CIVICA RESEARCH CONFERENCE Advancing Climate Economics: A Catalyst for Sustainable Development, IE University, Madrid, Speaker
June 2024	“The Architecture of Green Energy Systems: The Underlying Problem and Its Challenges” Workshop Chicago University, Invited Keynote
May 24	Invited Seminar LUISS, Roma
May 24	Invited Seminar CIRED, Paris, France
April 24	Invited Seminar Ottawa University, Dept. Economics
April 24	Keynote Swiss Science Day, Bern
March 24	Virtual seminar in Climate Change Economics, San Francisco FED
June 2023	Summer School on Integrated Assessment Modelling, COMO, Faculty
June 2023	Global Priority Initiative Oxford Conference, Oxford, Speaker
May 2023	Summer School ISEO, Faculty
May 2023	Beyond Growth, Brussels Euro Parliament, Speaker
2023	Workshop on The Role of Energy and Food Demand in Climate Change Mitigation CIVICA Research Project STEADFAST - Sustainable Energy and Food Transitions Bocconi University, Central European University, European University Institute, Organizer
16-Dec-22	Milano, Green House di Deloitte, Corso su Climate Governance per Amministratori, Faculty
15-Dec-22	Roma, Scuderie Villa Torlonia Accademia dei XL. Seminario su IPCC-WG3, Climate Change 2022: Mitigation of Climate Change
30-Nov-22	Torino, Collegio Carlo Alberto LTI Conference: “Finance for a more sustainable growth: what role for LTIs?”
23-Nov	The Westin Palace, Ambrosetti Workshop Corporate Governance - Presentazione risultati Osservatorio 2022 -Argomento trattato: Evoluzione della Corp. Gov. nell'anno del recepimento del nuovo codice e in un contesto di incertezza.
4-Nov-22	Napoli, Palazzo Reale Dialoghi Casa Corriere - Impresa, innovazione, economie e sviluppo, non solo Pnrr. Sessione: Le energie del futuro: la grande sfida
20-Oct-22	Washington DC, Resources for the Future Net-Zero Economy Summit - Relatore: the EU Carbon Border Adjustment Mechanism.
12-Oct-22	Roma, Auditorium Mseo Ara Pacis, Auxiliary Corporate Governance Conference - Rewarding Performance: trends and perspectives on financial and non-financial metrics. Remuneration Panel.
4-Oct-22	Roma, Hotel Cavalieri EPRI - AI and Electric Power Summit - Panel: Artificial Intelligence and the Modern Utility
3-Oct-22	Roma, Palazzo Koch Convegno Banca d'Italia: Gli effetti del cambiamento climatico sull'economia Italiana. Tavola rotonda: Le politiche per la transizione
23-Sep-22	Pisa, Scuola Universitaria Superiore Sant'Anna (registrato) Business Integrity Forum di Transparency International - Integrity Speech
5-Sep-22	Milano, Borsa Italiana Italian Sustainability Week di Borsa - Implementing NRRP & Green Deal: Achievements and Challenges for public and private players. Session: ESG and Board Discussion
18-Jul-22	Milano, Ambrosetti - da remoto Osservatorio Corporate Governance 2022 - Sessione: La Corporate Sustainability Due Diligence e il ruolo del Board
7-Jul-22	Milano, Auditorium Enel ESG: dall'interazione all'integrazione. Sessione: Rinnovo del Consiglio di Amministrazione: nuovi trend di mercato
6-Jul-22	Milano, Università Bocconi, Conferenza GeoInno. Moderatore sessione: Green transition in Europe and recovery innovation Policy.
20-Jun-22	USA, Università Stanford Keynote at the Stanford University, Macro Energy Systems Society Annual Conference, 2022

9-Jun-22 Ambrosetti - Enel - da remoto Focus Group: Net Zero E-conomy 2050. Decarbonization roadmap for Europe: focus on Italy and Spain

1-Jun-22 Webinar hosted by RFF-CMCC SWEEP Webinar Series - Moderatore: The Dynamic Impact of Market Integration: Evidence from Renewable Energy Expansion in Chile

20-May-22 CIVICA - da remoto CIVICA Panel on "Energy Policy and Climate Change in the EU and Beyond"

May 2022 PSE Annual Conference on Global Issues: "For a Systemic and Humanist Environmental Transition", Invited Speaker

23-Mar-22 Milano, Luiss Hub Assogestioni - Catch-Up Workshop "Climate change: la sfida" - Relatore: Climate change: a che punto siamo e dove stiamo andando

14-Mar-22 Astrid - da remoto Panel: Il principio Do No Significant e l'attuazione del Pnrr

10-Mar-22 RFF-CMCC EIEE - da remoto The future of Carbon Pricing: Policy in Action

8-Feb-22 OECD - da remoto OECD Webinar on Decarbonising the Economy

24-Nov-21 Milano, The Westin Palace Ambrosetti Workshop Corporate Governance - Presentazione risultati Osservatorio 2021 -Argomento trattato: Come stanno cambiando i sistemi di Governo a seguito delle novità sulla sustainable Corporate Governance: il punto di vista di alcuni grandi gruppi quotati.

27-Oct-21 Rimini, Stati Generali Green Economy LE SFIDE GLOBALI DELLE IMPRESE PER LA DECARBONIZZAZIONE - Panel: La decarbonizzazione nel settore energetico

30-Sep-21 Milano, Università Bocconi "Evento Fondaz. ENEL - Mind the Gaps. Ice Breaking Speech on "Giovani e Futuro" Research

9-Sep-21 UN Global Compact Network Italy - da remoto Incontro con rappresentanza permanente a NY - Tema: Crescita e sostenibilità: valorizzare l'esperienza delle imprese italiane a livello globale.

8-Sep-21 Net Zero - da remoto CLIMATE NEUTRALITY FORUM -Raoudtable Discussione: Immediate Emissions Reduction and Addressing the last 20%

8-Jul-21 CEOforLIFE Talks - da remoto HUB QUARTER ECOSYSTEM: nuovo modo di vivere il lavoro e le nostre città.

9-Jul-21 Ambrosetti - da remote G20 BUSINESS ADVISORY BOARD ON WOMEN'S EMPOWERMENT

2-Jul-21 Aix-en-Provence, Les Rencontres Economiques - Climate change: a challenge for the economic recovery

June 2021, European Association of Environmental and Resource Economics Conference, Keynote

23-Jun-21 da remoto Part of the AXA Research Fund Expert Series - Rational policymaking in times of uncertainty

23-Jun-21 collegamento con Eliseo, Remise du rapport Blanchard et Tirole par le President Emmanuel Macron

19-Jun-21 da remoto (org. Fond. Nitti e Ass. Merita) Sud&Nord, Villa Nitti accorcia le distanze - Saperi, Sviluppo, Sostenibilità, Panel: Servizi Innovazione

15-Jun-21 Milano, Biblioteca degli alberi - BAM Forum, Dialoghi per l'ambiente -Sessione: Ambiente e Risorse: Economia sostenibile?

9-Jun-21 HM Treasury | Global Economics | International Group - da remoto Speech on behalf of IPCC at June G20 Framework Working Group meeting

5-Jun-21 Trento, Festival dell'Economia Transizione giusta e territori: Next Generatio EU, Sostenibilità Economica ed Ecologica

24-May-21 Ambrosetti - da remoto, G20 Business Advisory Board on Women's Empowerment

28-Apr-21 IPCC - da remoto IPCC WGIII eLAM4 Outreach Event - Climate change and our future. Driving the transition

20-Mar-21 CEO for Life - da remoto PANELIST - ASviS SDGs Forum/ Integrare la sostenibilità nei modelli di business: esperienze a confronto

1-Mar-21 Laterza Editori - da remoto "A tu per tu con l'economia"

Dec 2019 Washington, IMF, Invited Speaker, Workshop on Climate Change Mitigation

June 2019 Ulvön Sweden, Keynote at 26th Ulvön Conference on Environmental Economics

May 2019 Princeton University, Invited Speaker, Workshop on Climate Policy and Sustainable Growth

May 2019, Keynote Speaker, Irish Economists Association, Cork

Nov 2018, Invited Seminar Toulouse School of Economics, Toulouse, France. Experiments on Public Goods and Bads.

Oct. 2018 Workshop on Frontiers in Climate Change Economics, Copenhagen, Invited Speaker. Experiments on Public Goods and Bads.

Sept 2018 3rd IAERE School Experimental Methods in Environmental and Resource Economics, Bologna (Italy), Faculty. Experiments for Climate Change Uncertainty Perception.

Sept 2018 26° Forum Scenari Immobiliari, S. Margherita Ligure, Invited Keynote. Climate Change and the future of cities.

June 2018 WCERE, Goteborg, Presenter

Mar 2018 Bocconi & Africa 2018, Keynote, Climate Change Impacts, Adaptation And Mitigation, An African Perspective

Feb 2018 Arctic. Last Frontier. Triennale, Milan, Italy. Climate Change Mitigation and Adaptation, Keynote

Nov 2017 Princeton Workshop on Understanding the Dynamics of Social Norms, Princeton University. Norms and Climate Change, presenter

Nov 2017 STEP Seminar, Princeton University, Climate Change, Presenter

Nov 2017 Science for Peace; Milan, Italy, Climate Change and Conflicts. Keynote

Oct 2017 One Ocean Forum (Teatro Franco Parenti) Milano Presenter

Sept 2017 ISTP Colloquium Seminar, ETH, Keynote

July 2017 Aspen Energy Modeling Forum, Presenter

July 2017 Centro Studi sull'Economia e il Management dell'Efficienza Energetica, MILAN, Keynote, June 2017 Athens, EAERE Annual Conference, presenter

June 2017 Ugento, Annual Meeting CMCC, Presenter

May 2017 Bilbao, BC3 International Scientific Advisory Committee, Presenter

May 2017 CD-Links Project Meeting, Presenter

May 2017 Vienna Energy Forum, Presenter

May 2017 IPCC Scoping Meeting; Addis Ababa

April 2017 Co-Organizer, Innovative Ideas to Encourage Private Sector Investment in the REDD+, Bocconi, Coalition for Rainforest Nations, and Columbia University, Milan

April 2017 Chair, The World in 2050 IIASA, Vienna

Mar 2017 Keynote, Donor Event Bocconi

Jan 2017 Invited Seminar, IES Energy Chair, University Barcellona

Dec 2016 Workshop "Sustainable National Roadmaps Towards The Global Objective Of 1.5 And 2°C" ERI-NDRC, Beijing, China

Nov 2016 Invited Speaker OECD Workshop on Modelling The Economic Consequences Of Climate Change Action, Paris

Nov 2016 Moderator, Workshop on Climate-Induced Migration , FEEM Milan

Nov 2016 Invited Seminar Scuola Superiore Sant'anna Di Pisa

Nov 2016 Invited Speaker, Modeling Climate Engineering, FEEM Milan

July 2016 Energy Modelling Forum, Snowmass, CO

June 2016 Workshop: Understanding the impacts of climate change on growth and development, Potsdam Institute for Climate Impact Research, Potsdam, Germany

June 2016 Stockholm School of Economics, Seminar

May 2016 EuroMediterranean Center on Climate Change Workshop, Ugento

May 2016 Expert Workshop: Integrating Poverty And Inequality Dimensions In Integrated Assessment Models For Climate Change, Venice, Organizer

May 2016 CD-Links Meeting, Venice, Co-Organizer

May 2016 Max Weber Programme Multidisciplinary Workshop on Field and Lab Experiments in Climate Policy, European University Institute, Keynote

Mar 2016 Post COP21 Scenarios. Energy policies, finance and technology, IEFE, Keynote

Dec 2015 IEFE Bocconi, Seminar

July 2015 EMF, Snowmass

June 2015 The Interval at Long Now, San Francisco, Invited Keynote

June 2015 Tsinghua University, Harvard-Tsinghua Workshop on Energy Technology Innovation Policy in the Backdrop of the U.S.-China Emissions Deal, Invited Speaker

June 2015 AERE Conference, San Diego

May 2015 Inequality and the Economic Analysis of Climate Change, Duke Law School Room 4047, Invited Speaker

May 2015 PERR Stanford Seminar

April 2015 CASBS at Stanford Fellow Seminar, Invited Speaker

Feb 2015 CRED Columbia University, Seminar

Feb 2015 Princeton University, Workshop on Expert Elicitation, Invited Speaker

Feb 2015 Stanford PPRG Seminar series

Jan 2015 Economics, UCSD, Seminar

Dec 2014 Princeton Environmental Institute: "Climate Futures Initiative Integrated Assessment Modeling Workshop", Invited Speaker

Nov 2014 Second Annual Workshop on Decision Making Under Deep Uncertainty, RAND Santa Monica, CA, Invited Speaker

Oct2014 INFORMS, San Francisco, Speaker

Oct 2014 Computing Communication Consortium, Uncertainty In Computation Workshop, Washington DC, Invited Speaker

Sep 2014 Stanford Environmental and Energy Policy Analysis Center (SEEPAC) Seminar series

July 2014 Workshop on Risk and Uncertainty Perception, Modelling and Climate Change Policy, Bocconi, Milan, Organizer

June 2014 WCERE 2014, Speaker

May 2014 Workshop "Equity and Integrated Assessment Models" in Paris at CIRED, Invited Speaker

Jul 2013 EAERE-FEEM-VIU European Summer School: "Uncertainty, Innovation and Climate Change" Coordinator

May 2013 Institute for International Economic Studies, Stockholm , Seminar

Feb 2013 Seminar at the Grantham Research Institute on Climate Change and the Environment, LSE, London, Seminar

Oct 2012 Workshop on the Economics of Climate Change, Collège de France Invited Speaker

2012 ESOF, Scientific Session on 'Adaptation or extinction?: "Responses to Climate Change", invited Speaker

2012 UNEP - the Green Economy, Geneve, 2011: "Green Growth?", Invited Speaker

June 2012 Ascona, SURED, 2012, Speaker

June 2012 Prague, EAERE, 2012, Speaker

May 2012 TEDXMilano Speaker

Sep 2011 Oslo Centre for Research on Environmentally friendly Energy Workshop, Oslo , Invited Speaker

May 2012 Economics for Energy Workshop, Madrid, "Surveying EU Experts on Energy Technologies ", Invited Speaker

June 2011 EAERE, Rome, 2011, Speaker

June 2010 WCERE, Montreal, Speaker

Mar 2010 Expert judgment elicitation on breakthrough energy technologies and R&D programs at Carnegie Mellon University, Pittsburgh, Invited Seminar

Mar2010 Harvard Kennedy School of Government, Seminar

Janu 2010 FEEM-IEFE Seminars

Nov 2009 Climate Policy Risk and Investment Workshop The Royal Society, London, Invited Speaker

Aug 2009 Snowmass Economics of Technologies Workshop, Invited Speaker

Jun 2009 International Energy Workshop (IEW) Venice, Italy, Invited Speaker

Jun. 2009 FEEM-ETH Zürich International Workshop on "Coalitions for Climate Cooperation. A Game-Theoretic Analysis of Post 2012 Climate Policy", Invited Speaker

Apr 2009 Princeton Environmental Seminars

Dec 2008 TOCSIN Project Workshop Cambridge, invited Speaker

Nov 2008 International Workshop on REDD FEEM, Milan, Organizer and Speaker

Sept 2008 XXXII Convegno di Economia e Politica Industriale, Chieti Pescara, Speaker

Jun 2008 European Association of Environmental and Resource Economists, Gothemburg, Sweden, Speaker

May 2008 The Environment, Technology and Uncertainty, Workshop Oslo, Participation by invitation only

May 2008 Workshop on "Post-2012 International Policy Architecture for Global Climate Change"- Venice, Italy

April 2008 Seminar, ETH, Zurich

Workshop on Modeling Technology Oriented RD&D Strategic Cooperation for Climate Change Mar 2008  
Mitigation: Methodological Issues and Alternative Policy Scenarios Fondazione Giorgio  
Cini - Venice, Italy 17th-18th March 2008

Oct 2006 Invited seminar at CORE, Louvain-la-Neuve

July 2006 Environmental and Resource Economists 3rd World Congress Kyoto

Jun 2006 The International Environmetrics Society (TIES) Kalmar, Sweden , Invited Speaker

Sep 2005 Seminar at NOAA, Santa Cruz California

Sep 2005 A Bridge to the Future: High-Level Trans-Atlantic Dialogue on Climate Change, Broadening Participation, Reducing Costs , RFF Washington

Sept 2005 3rd Meeting Of The Climate Policy Network Chia, Sardegna, Italy

June 2005 14th Annual Meeting of the European Association of Environmental and Resource Economists, Bremen

Sept 2004 6th IAEE European Conference - Modeling in Energy Economics and Policy, Zurich

June 2004 Annual Meeting of the International Energy Workshop jointly organized by EMF/ IEA/IIASA Paris

Sept 2003 International Conference on Tourism and Sustainable Economic Development Macro and Micro Economic Issues jointly organized by CRENoS (Università di Cagliari e Sassari, Italy) and Fondazione Eni Enrico Mattei, Italy, and supported by the World Bank, Chia Laguna Hotel, Sardinia, Italy, Speaker

2002 World Congress of Environmental and Resource Economists, June 24 - 27 2002, Monterey, California, Speaker

2002 APMOD, Applied Mathematical Programming and Modelling, University of Milano-Bicocca, Speaker

2002 CRENoS Conference on "Economic Evolution of Cultural Heritage", Invited Speaker

Oct 2001 Cagliari Associazione Italiana Ricerca Operativa, Speaker

Sept 2001 Cagliari 9th International Conference on Stochastic Programming, SPeaker

2001 AIRO Humboldt-Universität zu Berlin, Speaker

May 2000 Seminario presso Università di Nuoro, Seminari di Economia Ambientale, Nuoro