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Present Position and Affiliations

Senior Economist – Climate, Fiscal Affairs Department, International Monetary Fund, 2021-present
Associate Professor (on leave), School of Public Policy, Georgia Institute of Technology, 2020-present
Assistant Professor, School of Public Policy, Georgia Institute of Technology, 2014-2020
Research Network Fellow, CESifo
Affiliate Researcher, Euro-Mediterranean Center on Climate Change
Faculty Affiliate, Ray C. Anderson Center for Sustainable Business

Fields of Interest

Environmental Economics, Economics of Climate Change

Education

Ph.D. in Economics (Distinction), *Catholic University of Milan*, Italy, 2009

- Dissertation title: *Essays on the Economics of Climate Change*
- Supervisor: Prof. Carlo Carraro

M.A. in Economics, *Brown University*, USA, 2004

M.Sc. in Economics, *University College London*, UK, 2003

M.A. in Cooperation and Development (Distinction), *University of Pavia*, Italy, 2002

B.A. in Economics (Magna cum Laude), *University of Rome III*, Italy, 2001

Past Professional Experience:

Senior Researcher, Fondazione Eni Enrico Mattei – FEEM, Italy, 2004-2014

Postdoctoral Fellow, School of Forestry and Environmental Studies – Yale University, USA, 2011-2013

Research Affiliate, Yale School of Forestry and Environmental Studies, 2007-2008

Visiting Doctoral Student, Australian National University, 2007

Honors, Grants and Research Project Management

Strategic Energy Institute, Georgia Institute of Technology, 2020 (\$106,000)

Ivan Allen College Small Grants for Research, Georgia Institute of Technology, 2019 (\$12,000)

Brook Byers Sustainable Development Fellow, Georgia Institute of Technology, 2018, 2019

Ivan Allen College Small Grants for Research, Georgia Institute of Technology, 2017 (\$20,000)

Ivan Allen College Small Grants for Research, Georgia Institute of Technology, 2015 (\$5,000)

International Outgoing Marie Curie Fellowship, 2011-2014 (€200,000)

GLOBAL-IQ, EU-FP7 Research Project, 2011-2014 (Co-Coordinator and Work-package Leader, €2.7M)

PASHMINA, EU-FP7 Research Project, 2009-2012 (Work-package Leader, €500,000)

Second Best Paper Award, World Energy Congress, Rome, Italy, 2007

Ph.D. Fellowship, Catholic University Milan, Milan, Italy, 2005-2008

Marco Fanno Fellowship, Mediocredito Centrale, Rome, Italy, 2002-2004 (€80,000)

Oddone Fantini Undergraduate Thesis Award, Rome, Italy, 2001

IUSS Fellowship, University of Pavia, Pavia, Italy, 2001

Teaching

Economics of Environmental Policy, postgraduate, 2015-present

Advanced Research Methods II (econometrics), postgraduate, 2017-present

Cost-Benefit Analysis, undergraduate and graduate, 2016-present

Sustainability, Technology, and Policy, undergraduate, 2016-present

Introduction to Statistics, undergraduate, 2014-2015

Consulting Projects

U.S. Department of Energy – Environmental Baseline of the U.S. Electricity System, 2016

UNDP – Analysis of impacts and adaptation to climate change, 2011-2013

EBRD – Analysis of mitigation Options in Transition Economies, 2010

Eni – Analysis of Eni Proposal for Post-Kyoto Climate Policy, 2009

OECD – Economics of Coalitions for Climate Change, 2009

UNEP – Mainstreaming Adaptation to Climate Change, 2006

Services to the Profession

International Panels of Experts

Lead Author, International Panel on Climate Change – IPCC, Fifth Assessment Report, 2011-2014

Conferences and Seminars Organized

FEEM-EAERE-VIU Summer School on the Economics of Adaptation to Climate Change, with Robert Mendelsohn, 2014.

ICCGOV – FEEM – OECD Workshop on the Economics of Adaptation to Climate Change, with Francesco Bosello and Robert Mendelsohn, 2008

Scientific Committees

Scientific Committee Member, World Congress of Environmental and Resource Economists, 2018, 2014

Scientific Committee Member, European Congress of Environmental and Resource Economists, 2020, 2019, 2017, 2016, 2015, 2013

Scientific Committee Member, Annual Conference of the Italian Society for Climate Sciences, 2014

Peer Reviews

Agricultural Economics, American Journal of Agricultural Economics, Asia Development Review., Climate Change Economics, Climate Policy, Climatic Change, Ecological Economics, Energy Economics, Energy Journal, Energy Policy, Environment and Development Economics, Environmental and Resource Economics, Environmental Resource Letters, Environmental Sciences, European Journal of Agricultural Economics, Food Policy, International Environmental Agreements, International Journal of Global Environmental Issues, Journal of Cleaner Production, Journal of Environmental Economics and Management, Journal of the Association of Environmental and Resource Economists, Land Economics, Nature Climate Change, Researches in Economics, Resource and Energy Economics, Review of Environmental Economics and Policy, Sustainability, Nature Scientific Reports, PNAS, OneEarth.

Work in Progress

Massetti, E., E. Dobbie, W. Yang and K. Paynabar. “The Effect of Temperature on the Incidence Rate of COVID19”.

Massetti, E., and R. Mendelsohn. “Temperature Duration and Crop Yields.” Revise and resubmit.

Massetti, E., S. Van Passel and C. Apablaza. “Is Western European Agriculture Resilient to High Temperatures?”

Massetti, E. and E. Di Lorenzo. “Chaos in Climate Change Impact Estimates.”

Massetti, E. “Learning from Big Climate Data.”

Bozzola, M., E. Massetti and J. Mysiak. “The Effect of Extreme Weather on Italian Agriculture.”

Massetti, E. “How do Heat Waves, Cold Waves, Droughts, Hail and Tornadoes Affect US Agriculture?”

Peer Reviewed Articles

- Masseti, E., and R. Mendelsohn. 2020. "Temperature Thresholds and the Effect of Warming on American Farmland Value" Climatic Change, 161: 601-615.
- Cattaneo, C. and E. Massetti. 2019. "Does Harmful Climate Increase or Decrease Migration? Evidence from Rural Households in Nigeria." Climate Change Economics, 10(4).
- Masseti, E. and R. Mendelsohn. 2018. "Measuring Climate Adaptation: Methods and Evidence." Review of Environmental Economics and Policy, 12(2): 324-341.
- Bozzola, M., E. Massetti, R. Mendelsohn and F. Capitanio. 2018. "A Ricardian Analysis of the Impact of Climate Change on Italian Agriculture." European Review of Agricultural Economics, 45(1): 57-79.
- Mendelsohn, R. and E. Massetti. 2017. "The Use of Cross-Sectional Analysis to Measure Climate Impacts on Agriculture: Theory and Evidence" Review of Environmental Economics and Policy, 11(2): 280–298.
- Van Passel, S., E. Massetti and R. Mendelsohn. 2017. "A Ricardian Analysis of the Impact of Climate Change on European Agriculture." Environmental and Resource Economics, 67: 725-760.
- Masseti, E., C. Carraro, S. Gupta, J. Harnish and R.J. Kopp. 2017. "Investments in and Macroeconomic Costs of Climate Mitigation in the Working Group III Contribution to the Fifth Assessment Report of the IPCC." Energy Policy, 109: 414–417.
- Brown, M., Y. Li, E. Massetti and M. Lapsa. 2017. "U.S. Sulfur Dioxide Emission Reductions: Contributing Factors and a Carbon Dioxide Penalty." The Electricity Journal, 30(1): 17-24.
- Masseti E., R. Mendelsohn and S. Chonabayashi. 2016. "How Well Do Degree Days over the Growing Season Capture the Effect of Climate on Farmland Values?" Energy Economics, 60: 144-150.
- Ščasný, M., E. Massetti, J. Melichar and S. Carrara. 2015. "The ancillary benefits of the Representative Concentration Pathways on Air Quality in Europe." Environmental and Resource Economics, 62(2): 383-415.
- Favero, A. and E. Massetti. 2014. "Trade of Woody Biomass for Electricity Generation Under Climate Mitigation Policy." Resource and Energy Economics, 36(1): 166-190.
- Masseti, E. and E. C. Ricci. 2013. "An Assessment of the Optimal Size and Timing of Investments in Concentrated Solar Power." Energy Economics, 38: 186-203.
- Bosetti, V., C. Carraro, E. De Cian, E. Massetti and M. Tavoni. 2013. "Incentives and Stability of International Climate Coalitions: An Integrated Assessment." Energy Policy, 55: 44–56.
- Carraro, C. and E. Massetti. 2012. "Energy and Climate Change in China." Environment and Development Economics, 17(6): 689-713. Reprinted in Meinert, C., ed., "Nature, Environment, and Culture in East Asia: The Challenge of Climate Change", Volume 1 of the series Climate and Culture, Leiden: Brill 2013.
- Masseti, E. and M. Tavoni. 2012. "A Developing Asia Emission Trading Scheme (Asia ETS)." Energy Economics, 34, Supplement 3: S436-S443.
- Carraro, C., A. Favero and E. Massetti. 2012. "Investments and Public Finance in a Green, Low Carbon Economy." Energy Economics, 34, Supplement 1: S15-S28.
- Masseti, E. 2012. "Short-Term and Long-Term Climate Mitigation Policy in Italy." WIREs Climate Change, 3(2): 171–183.

Höhne, N., C. Taylor, R. Elias, M. den Elzen, K. Riahi, C. Chen, J. Rogelj, G. Grassi, F. Wagner, K. Levin and E. Massetti. 2012. "National greenhouse gas emissions reduction pledges and 2°C – comparison of studies." Climate Policy, 12(3): 356-377.

Carraro, C. and E. Massetti. 2012. "Beyond Copenhagen: A Realistic Climate Policy in a Fragmented World." Climatic Change, 110(3): 523-542.

Massetti, E. and R. Mendelsohn. 2011. "Estimating Ricardian Models with Panel Data." Climate Change Economics, 2(4): 301-319.

Massetti, E. and M. Tavoni. 2011. "The Cost of Climate Change Mitigation Policy in Eastern Europe, Caucasus and Central Asia." Climate Change Economics, 2(4): 341-370.

Massetti, E. 2011. "Carbon Tax Scenarios for China and India: Exploring Politically Feasible Mitigation Goals." International Environmental Agreements, Law, Economics and Politics, Special Issue. Reconciling Domestic Energy Needs and Global Climate Policy: Challenges and Opportunities for China and India, 11(3): 209-227.

Carraro, C. and E. Massetti. 2011. "Editorial." International Environmental Agreements, Law, Economics and Politics, Special Issue. Reconciling Domestic Energy Needs and Global Climate Policy: Challenges and Opportunities for China and India, 11(3): 205-208.

Carraro, C., E. De Cian, E. Massetti, L. Nicita and E. Verdolini. 2010. "Environmental Policy and Technical Change: a Survey." International Review of Environmental and Resource Economics, 4(2): 163-219.

Carraro, C., E. Massetti and L. Nicita. 2009. "How Does Climate Policy Affect Technical Change? An Analysis of the Direction and Pace of Technical Progress in a Climate-Economy Model." The Energy Journal, Special Issue. Climate Change Policies After 2012, October 2009, 30 (Special Issue 2): 7-38.

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 and Energy Economics, May 2009, 31(2): 123-137.

Bosetti, V., C. Carraro and E. Massetti. 2009. "Banking Permits: Economic Efficiency and Distributional Effects." Journal of Policy Modeling, May-June 2009, 31(3): 382-403.

Bosetti, V., C. Carraro, E. Massetti and M. Tavoni. 2008. "International Technology Spillovers and the Economics of Greenhouse Gas Atmospheric Stabilization." Energy Economics, 30(6): 2912-2929.

Massetti, E., S. Pinton and D. Zanoni. 2007. "National Through to Local Climate Policy in Italy." Environmental Sciences, 4(3): 149-158.

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 Modelling of Energy-Environment Policies: Reconciling Bottom-up and Top-down, December 2006: 13-38.

Books and Chapters in Books

Massetti, E. 2015. "The Macroeconomics of Climate Policy: Investments and Financial Flows." In: Barrett, S., C. Carraro and J. De Melo, eds., *Towards a Workable and Effective Climate Regime*. CEPR Press, London.

Gupta S., J. Harnisch, D.C. Barua, L. Chingambo, P. Frankel, R.J. Garrido Vázquez, L. Gómez-Echeverri, E. Haites, Y. Huang, R. Kopp, B. Lefèvre, H. de Oliveira Machado-Filho, and E. Massetti. 2014. Cross-cutting Investment and Finance Issues. 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.

Bosetti, V., C. Carraro, E. Massetti and M. Tavoni. 2014. "Introduction." In V. Bosetti, C. Carraro, E. Massetti and M. Tavoni (eds.), *Climate Change Mitigation, Technological Innovation and Adaptation A New Perspective on Climate Policy*. Edward Elgar, 2014.

Massetti, E. 2014. "A Climate-Constrained World." In V. Bosetti, C. Carraro, E. Massetti and M. Tavoni (eds.), *Climate Change Mitigation, Technological Innovation and Adaptation A New Perspective on Climate Policy*. Edward Elgar, 2014.

Bosetti, V., C. Carraro, E. Massetti and M. Tavoni (eds). 2014. *Climate Change Mitigation, Technological Innovation and Adaptation A New Perspective on Climate Policy*. Edward Elgar, 2014.

Carraro, C. and E. Massetti. 2013. "International Climate Treaties and Coalition Building." in Jason Shogren, Ed., *Encyclopedia of Energy, Natural Resource and Environmental Economics*, Elsevier, Vol 1, 57-62.

Massetti, E. and R. Mendelsohn, 2011. "The Impact of Climate Change on US Agriculture: a Cross-Section, Multi-Period, Ricardian Analysis," in Ariel Dinar and Robert Mendelsohn, Eds, *Handbook on Climate Change and Agriculture*, Edward Elgar.

Carraro, C. and E. Massetti. 2010. "International Climate Change Negotiations: Lessons from Theory," in E. Cerdá and X. Labandeira, Eds, *Climate Change Policies – Global Challenges and Future Prospects*, Edward Elgar.

Massetti, E. and M. Merola. 2009. "Indicatori di qualità della vita e di sviluppo umano sostenibile" in E. Chiappero-Martinetti and S. Pareglio, Eds, *Qualità della vita e sviluppo umano sostenibile*, Carocci, Roma.

Massetti, E. and M. Merola. 2009. "Dal Prodotto Interno Lordo allo sviluppo umano sostenibile," in E. Chiappero-Martinetti and S. Pareglio, Eds, *Qualità della vita e sviluppo umano sostenibile*, Carocci, Roma.

Bosetti, V., A. Golub, A. Markandya, E. Massetti and M. Tavoni. 2008. "Abatement Cost Uncertainty and Policy Instrument Selection. A Dynamic Analysis" in Golub, A. and A. Markandya (eds), *Modelling Environment-Improving Technological Innovations under Uncertainty*, Routledge Publishing, December 2008. This chapter has been awarded the second prize for best paper at the 20th World Energy Congress, Rome 2007.

Working Papers

Massetti, E., S. Van Passel and C. Apablaza. 2018. "Is Western European Agriculture Resilient to High Temperatures?" [CESifo Working Paper](#) No. 7286.

Massetti, E., M. Brown, M. Lapsa, I. Sharma, J. Bradbury, C. Cunliff and Y. Li. 2016. Environmental Quality and the U.S. Power Sector: Air Quality, Water Quality, Land Use and Environmental Justice. ORNL/SPR-2016/772, 8 June 2016.

Carrara, S. and E. Massetti. 2014. "Should We Ban Unconventional Oil Extraction to Stop Global Warming?" [FEEM Nota di Lavoro](#) No. 105.2014.

Massetti, E. and R. Mendelsohn. 2011. "Estimating Ricardian Models with Panel Data." [NBER Working Papers](#), w 17101.

Massetti, E. and F. Sferra. 2010. "A Numerical Analysis of Optimal Extraction and Trade of Oil Under Climate and R&D Policy" FEEM Nota di Lavoro No. 113.2010.

Massetti, E. and L. Nicita. 2010. "Optimal R&D Investments and the Cost of GHG Stabilization when Knowledge Spills across Sectors" CESifo Working Paper, No. 2988.

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.

Cattaneo, C. and E. Massetti. 2015. "Climate and Migration in Rural Ghana and Nigeria." CESifo Working Paper No. 5224.

Bosetti, V., E. Massetti and M. Tavoni. 2007. "The WITCH Model. Structure, Baseline, Solutions" FEEM Nota di Lavoro No. 10.2007.

Other Publications

Realff, M.J., R. Lively, E. Massetti, K. Metz, J. Sadighi and R. Simmons. 2019. Carbon Dioxide to Renewables Hydrocarbons. Strategic Energy Institute White Paper, Georgia Institute of Technology.

Massetti, E., M. Brown, M. Lapsa, I. Sharma, J. Bradbury, C. Cunliff and Y. Li. 2016. Environmental Quality and the U.S. Power Sector: Air Quality, Water Quality, Land Use and Environmental Justice. ORNL/SPR-2016/772, 8 June 2016.

Massetti E. and E.C. Ricci. 2014. "Rethinking African solar power for Europe." *voxeu.org*, 23 July 2014.

Carraro, C. and E. Massetti. 2012. "When Should China Start Cutting its Emissions?" *voxeu.org*, 26 April 2012.

Bosetti, V., C. Carraro, E. De Cian, E. Massetti and M. Tavoni. 2012. "Nations Can Work Together for a Better Planet, but Cooperation on Stringent Climate Targets will be Difficult." *voxeu.org*, 23 April 2012.

Carraro, C. and E. Massetti. 2011. "Technical Innovations, Economic Development and Implications for Energy Use and Emissions." *Energy Bulletin*, UNESCO, 2(11).

Carraro, C. and E. Massetti. 2011. "The Greening of Development." *Development Outreach Magazine*, The World Bank, April 1.

UNEP. 2010. "The Emissions Gap Report - Are the Copenhagen Accord Pledges Sufficient to Limit Global Warming to 2° C or 1.5° C? A preliminary assessment", United Nations Environment Programme, November 2010. Contributing Author to Chapter 3: "What are Expected Global Emissions in 2020?"

E. Massetti and M. Tavoni. 2011. "Climate Policy Modelling for the Special Report on Climate Change: the Low Carbon Transition." Prepared for the Special Report on Climate Change: the Low Carbon Transition, EBRD, April 2011.

Bosetti, V., C. Carraro and E. Massetti. 2010. "Politiche e strategie economiche per il clima." *Ecosphera*, vol. 4, edited by Niels Eldredge and Telmo Pievani, UTET.

Carraro, C. and E. Massetti. 2010. "Two Good News from Copenhagen?" *voxeu.org*, 15 January 2010.

Carraro, C. and E. Massetti. 2009. "The Improbable 2°C Global Warming Target." *voxeu.org*, 3 September 2009.

Bosetti, V., C. Carraro, E. Massetti and M. Tavoni. 2008. "What a Different World. Costs and Policy for a Low Carbon Society" *voxeu.org*, 24 January 2008.

Massetti, E. and M. Tavoni. 2006. "Il ritorno del nucleare." *lavoce.info*, 20 February 2006.

Bosetti, V. and E. Massetti. 2005. "Food for Oil." *lavoce.info*, 5 September 2005.

Invited Lectures, Keynotes and Invited Seminars

- 2019 Invited panelist, European Workshop on Efficiency and Productivity Analysis, London (June 2019). Panel Session: Weather, Climate and Agricultural Productivity Growth.
- 2018 Italian Association of Agricultural Economists (Keynote),
- 2017 University of Georgia.
- 2016 Energy Modeling Forum (Snowmass, CO), Penn State University.
- 2014 Georgia Institute of Technology, University of Minnesota, Cornell University.
- 2013 Ifo (2), COP-19 Side Event, UNDP Bangkok, Yale University.
- 2012 UNDP Bangkok, Yale University, University of Connecticut.
- 2011 European Parliament (Strasbourg), OECD, European Parliament (Brussels).
- 2010 University of Hohenheim (Keynote), CEPS, ISPI.
- 2009 COP15 Side Event, Rete Rurale Nazionale, Bocconi University, Venice International University, University of Padova.
- 2008 Environmental Defense Fund, University of Rome III, Università Cattolica del Sacro Cuore.
- 2007 Australian National University, University of Karachi.
- 2006 Universidad Internacional Menéndez Pelayo, University of Padova.

Presentations

Keynotes and Panels

- 2019 European Workshop on Efficiency and Productivity Analysis (Invited Panelist), London, UK (June 2019).
- 2018 Italian Association of Agricultural Economists (Keynote), University of Perugia, Italy.
- 2010 International Agricultural Trade Research Consortium (Keynote), Annual Meeting, University of Hohenheim, Germany.

Invited Seminars (selected):

- 2019 Global Change Program, Georgia Tech, GA, USA.
- 2017 University of Georgia, GA, USA.
- 2016 Energy Modeling Forum, Snowmass, CO, USA
Pennsylvania State University, USA
- 2013 Ifo, Munich, Germany (July and December)
United Nations Conference of Parties 19 Side Event, Warsaw, Poland.
UNDP, Bangkok, Thailand.
Yale University, CT, USA.
- 2012 UNDP Bangkok, Thailand.
Yale University, CT, USA.
University of Connecticut, CT, USA.

- 2011 European Parliament, Strasbourg, France.
 Organization for Economic Cooperation and Development, Paris, France.
 European Parliament, Brussels, Belgium.
- 2010 Istituto per lo Studio delle Politiche Internazionali, Milan, Italy.
- 2009 United Nations Conference of Parties 15, Copenhagen, Denmark.
 Rete Rurale Nazionale, Rome, Italy.
 Bocconi University, Milan, Italy.
 Venice International University, Venice, Italy.
 University of Padova, Padua, Italy.
- 2008 Environmental Defense Fund, New York, NY, USA.
 University of Rome III, Rome, Italy.
- 2007 Australian National University, Canberra, Australia.
 University of Karachi, Karachi, Pakistan.
- 2006 Universidad Internacional Menéndez Pelayo, Santander, Spain.
 University of Padova, Padua, Italy.

Conferences with presentation (selected)

- 2019 Southern Economic Association, Fort Lauderdale, FL, USA.
 Italian Association of Environmental and Resource Economists (accepted, but declined due to conflict with teaching schedule).
- 2018 World Congress of Environmental and Resource Economists (accepted, but declined due to conflict with Summer Study Abroad program).
- 2017 International Workshop on Climate Change Economics, Rimini, Italy.
- 2016 ASSA Meetings, Chicago, IL, USA.
 Association of Environmental and Resource Economists, Breckenridge, CO, USA.
 European Association of Environmental and Resource Economists, Zurich, Switzerland.
- 2015 Association of Environmental and Resource Economists, San Diego, CA, USA.
 European Association of Environmental and Resource Economists, Helsinki, Finland.
 Southern Economic Association, New Orleans, LA, USA.
- 2014 ASSA Meetings, Philadelphia, PA, USA.
 Italian Association of Environmental and Resource Economists.
 World Congress of Environmental and Resource Economists.
- 2013 Italian Society for Climate Sciences, Lecce, Italy.
 Association of Environmental and Resource Economists, Banff, Canada.
 NBER Spring EEE Meeting, Boston, MA, USA.
- 2012 Southern Economic Association, New Orleans, LA, USA.
 Western Economic Association, San Francisco, CA, USA.
 Yale Cowles Foundation, New Haven, CT, USA.
 Association of Environmental and Resource Economists, Asheville, NC, USA.
- 2010 NBER EEE Summer Institute, Boston, MA, USA
 World Congress of Environmental and Resource Economists, Montreal, Canada
- 2009 European Ass. of Env. and Resource Economists, Amsterdam, The Netherlands.
 International Energy Workshop, Venice, Italy.
 IARU Climate Congress, University of Copenhagen, Copenhagen, Denmark.
 Zero-Emissions Conference, Rome, Italy.
- 2008 EAEPE Annual Conference, Rome, Italy.
 Energy Modeling Forum Snowmass, CO, USA.
 NBER EEE Summer Institute, Boston, MA, USA.

- 2007 European Ass. of Env. and Resource Economists, Thessaloniki, Greece.
- 2006 Sustainable Resource Use and Economic Dynamics II, Ascona, Switzerland.
- 2005 European Ass. of Env and Resource Economists, Bremen, Germany.

Workshops with presentation (selected)

- 2011 Organization for Cooperation and Economic Development, Paris, France.
Asia Integrated Assessment Modeling Exercise, Xi'an, China.
- 2010 European Dialogue on Climate Policy, Madrid, Spain
Asia Integrated Assessment Modeling Exercise, Beijing, China.
European Dialogue on Climate Policy, CEPS, Brussels, Belgium.
Asia Integrated Assessment Modeling Exercise, Seoul, South Korea.
- 2009 Asia Integrated Assessment Modeling Exercise, Tokyo, Japan.
- 2008 The Rimini Center for Economic Analysis, Rimini, Italy.
CLIMA, Renmin University, Beijing, China.
- 2007 Environment, Innovation and Performance, Univ. Pierre Mendès, Grenoble, France.
CLIMA, Vrije Universiteit, Amsterdam, The Netherlands.
CLIMA, University of Karachi, Karachi, Pakistan.
- 2006 CORE-UCL Université Catholique de Louvain, Louvain-la-Neuve, Belgium.
- 2005 Workshop on Integrated Assessment Modeling, CIREN, Paris, France.