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Venezia

**Dipartimento
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Informatica e Statistica**

Campus Scientifico

Via Torino, 155
30172 Mestre (VE) Italia
T +39 041 234 8411
T +39 041 234 8970
T +39 041 234 8584

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Via delle Industrie, 21/8
30175 Marghera (VE) Italia
T +39 041 2348553

Updated: 1 Nov 2021



CURRICULUM VITAE

Professor CARLO CARRARO

President (Rector) Emeritus, Università Ca' Foscari Venezia
Ph.D, Princeton University
Department of Environmental and Computer Science
Via Torino 155, 30170 Venezia-Mestre, Italy
E-mail: ccarraro@unive.it
Web: www.unive.it/persona/ccarraro; www.carlocarraro.org

SHORT PROFILE

Professor Carlo Carraro is President (Rector) Emeritus and Professor of Environmental Economics at Ca' Foscari University of Venice. He holds a Ph.D. from Princeton University. He was President of the University of Venice from 2009 to 2014. Previously, he was Director of the Department of Economics from 2006 to 2008 and Vice-Provost for Research Management and Policy from 2001 to 2005.

Since 2008, he is Vice-Chair of the Working Group III and Member of the Bureau of the Nobel Laureate Intergovernmental Panel on Climate Change (IPCC). He has been working as IPCC Lead Author since 1995.

Professor Carraro is a Fellow of the Association of Environmental and Resource Economists (AERE) and of the European Association of Environmental and Resource Economists (EAERE). In 2020 he has been elected a Member of the Academia Europaea. He is also a Fulbright scholar.

He was President of the European Association of Environmental and Resource Economists (EAERE) for the biennium 2018-2019 and member of the Council from 2016 to 2020.

He chairs the Committee on Climate Change and Sustainable Infrastructures and Mobility of the Italian Ministry for Sustainable Infrastructures and Mobility and belongs to the Advisory Board (Struttura Tecnica di Missione) of the same Ministry.

He is a member of the High Level Advisory Group of DG ECFIN in Brussels and of the Strategic Advisory Board of the Euro Mediterranean Centre for Climate Change (CMCC). He is also Academic Advisor of H-Farm College.

He is a Research Fellow of the CEPR (Center for Economic Policy Research), London and CESifo (Center of Economic Studies), Munich, and Associate Research Fellow, CEPS (Center of Economic Policy Studies), Bruxelles.

He is a member of the Advisory Board of:

- Mercator Research Institute on Global Commons and Climate Change (MCC), Berlin;
- Green Growth Knowledge Platform (GGKP)
- Green Budget Europe (GBE), Brussels;
- Centre for Applied Macroeconomic Analysis, (CAMA), Crawford School of Public Policy, Australian National University;
- The European Roundtable on Climate and Sustainable Transition (ERCST), an initiative of the International Centre for Trade and Sustainable Development (ICTSD)
- Energy Centre, Polytechnic of Turin;
- Master Program in Product Service System Design at Politecnico di Milano.



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He also belongs to the Strategic Board of the Hermes Universities Network and is a member of the World Economic Forum (WEF) Expert Network and of the Climate Governance Stakeholder and Expert Group at the European University Institute.

For more than twenty years, he was Scientific Director of Fondazione Eni Enrico Mattei (FEEM) and, from 2009 to 2017, he was also Director of the International Centre for Climate Governance (ICCG). From 2013 to 2019 he was Co-chair of the Advisory Board of the Green Growth Knowledge Platform (GGKP), a joint initiative of the Global Green Growth Institute (GGGI), the OECD, the United Nations Environment Programme (UNEP), and the World Bank. He also chaired the RFF-CMCC European Institute on Economics and the Environment in Milan (2019-2022).

He worked as a consultant to the World Bank, the European Investment Bank and the Economic and Social Research Institute (ESRI), Cabinet Office, Government of Japan. He was a member of the Board of Directors of Generali Group and of the Advisory Board of Fondo di Investimento Italiano. He also belonged to the Board of Directors of Banca Popolare di Vicenza, the National School of Public Administration (SNA) and the Fondazione Studium Marcianum (FSM). He is presently a member of the Board of Directors of AFV Beltrame Group.

In 2007, he was elected Resident Member of the Academy “Istituto Veneto di Scienze, Lettere e Arti” and in 2010 of the Academy “Ateneo Veneto” in Venice.

In 2009, he was awarded the Sustainable Energy Prize by the Italian Association of Energy Economists. In 2011, he was awarded the Melvin Jones Fellowship by the Lions International, and in 2014 the Paul Harris Fellowship by the Rotary International.

In 2013, he was awarded the honor of Grande Ufficiale Ordine al Merito della Repubblica Italiana on the initiative of the President of Italy.

From 2005 to 2017, Professor Carraro was the Co-editor and then Editor of the Review of Environmental Economics and Policy (REEP), one of the most important economics journals (under his guidance, REEP became one of the top 3 economics journals and one of the top 5 environmental studies journals). From 2017 to 2020 he was the Director of the PhD Program in Science and Management of Climate Change, a joint program of the University of Venice, CMCC and OGS. Other past academic positions include teaching at the University of Paris I, LUISS in Rome, University of Udine, University of Aix-en-Provence, and University of Paris X.

In recent years he covered other important positions: Scientific Director, Fondazione Nord Est (2018-2021), President, Venice Research District (2012-2014); Director, Climate Impacts and Policy Division of the EuroMediterranean Centre on Climate Change (2005-2013); Member of the Scientific Committee of the UN International Human Dimensions Program (IHDP) (2011-2014); Executive Board Member of the Euro Mediterranean Centre for Climate Change (2009-2014) and of the Italian Society for Climate Sciences (2011-2015); Co-Chair of the National Inter-Ministerial Committee on Decarbonisation (2016); Member of the Osservatorio Italiano sulla Finanza Sostenibile, Ministry of the Environment (2018-2019).

Professor Carraro has a proven record of accomplishment and international recognition in many relevant fields. He has written more than 300 papers and about 40 books on the international coordination of monetary policy, the coordination between monetary and fiscal policy, coalitions and group formation in economic systems, international negotiations and the formation of international environmental agreements, monetary and fiscal problems in open economies, monetary policy coordination in Europe, the econometric modelling of integrated economies, dynamic modelling of climate-economy interactions, sustainable development.



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His current research focuses on climate policy both at the domestic and international level. He studies both long-term and short-term impacts of adaptation and mitigation policies and evaluates their costs and benefits using a wide range of integrated assessment models.

In 2016, Prof. Carraro was awarded the Literary Award “Parco della Maiella” for the book “Il clima che cambia”. He is also well known for his blog on climate change economics and policy, published both in Italian and in English (www.carlocarraro.org).

FULL PROFILE

Present Positions

President (Rector) Emeritus, Ca' Foscari University of Venice, Italy.

Professor of Environmental Economics, Department of Environmental Sciences, Ca' Foscari University of Venice, Italy.

Vice-Chair, Working Group III, and Member of the Bureau, Intergovernmental Panel on Climate Change (IPCC), Geneva, Switzerland.

Past President, European Association of Environmental and Resource Economists (EAERE).

Chair, Committee on Climate Change and Sustainable Infrastructures and Mobility of the Italian Ministry of Sustainable Infrastructures and Mobility, Rome.

Member, High Level Advisory Group of DG ECFIN, Brussels.

Member, Struttura Tecnica di Missione, Italian Ministry for Sustainable Infrastructures and Mobility, Rome

Academic Advisor, H-Farm College, Italy

Member, Academia Europaea and Resident Member of the Academy “Istituto Veneto di Scienze, Lettere e Arti” and of the Academy “Ateneo Veneto” in Venice.

Fellow of the Association of Environmental and Resource Economists (AERE) and of the European Association of Environmental and Resource Economists (EAERE).

Associate Research Fellow and member of the Carbon Market Forum Advisory Board, CEPS (Center of Economic Policy Studies), Brussels, Belgium (www.ceps.eu).

Research Fellow of the Center for Economic Policy Research (CEPR), London, UK (www.cepr.eu) and of the Center of Economic Studies (CESifo), Munich, Germany (www.cesifo-group.de).

Member of:

- Senior Advisory Group of the Green Growth Knowledge Platform (GGKP)
- World Economic Forum (WEF) Expert Network, Geneva;
- Strategic Board, EuroMediterranean Center for Climate Change (CMCC), Italy;
- Expert Advisory Board, Mercator Research Institute on Global Commons and Climate Change (MCC), Berlin.
- Strategic Board, Hermes Universities Network, Strasbourg
- Climate Governance Stakeholder and Expert Group, European University Institute, Florence

Member of the Scientific Advisory Board of:

- Green Budget Europe, Brussels



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- Centre for Applied Macroeconomic Analysis, (CAMA), Crawford School of Public Policy, Australian National University, Canberra, Australia;
- The European Roundtable on Climate and Sustainable Transition (ERCST), an initiative of the International Centre for Trade and Sustainable Development (ICTSD)
- Energy Centre, Polytechnic of Turin, Turin, Italy
- Master in Product Service System Design at Politecnico di Milano.

Fellowships and Honors

2020	Member, Academia Europaea
2020	Fellow, European Association of Environmental and Resource Economists (EAERE)
2016	Fellow, Association of Environmental and Resource Economists (AERE)
2016	Literary Award "Parco della Maiella" for the book "Il clima che cambia"
2014	Paul Harris Fellow, the Rotary International
2013	Grande Ufficiale Ordine al Merito della Repubblica Italiana on the initiative of the President of Italy
2011	Melvin Jones Fellow, the Lions International
2010	Resident Member of the Academy "Ateneo Veneto" in Venice.
2009	Sustainable Energy Prize, Italian Association of Energy Economists (IAEE)
2007	Resident Member of the Academy "Istituto Veneto di Scienze, Lettere e Arti"
1982	Fulbright Fellowship
1981	Interbancaria Fellowship, Milano.

Past Academic Positions

2017 – 2020	Director, Ph.D. Program on "Science and Management of Climate Change" at Ca' Foscari University of Venice.
2018 – 2019	President, European Association of Environmental and Resource Economists (EAERE)
2015 – 2017	Board Member, Association of Environmental and Resource Economists (AERE)
2009 – 2014	President, University of Venice President, Ca' Foscari University Foundation President, Ca' Foscari International College Board Member, Venice International University
2012 – 2014	President, Venice Research District Vice-President, Italian Society for Climate Sciences (SISC) Board Member, Italian Association for Environmental and Resource Economics (IAERE)
2010 – 2014	President, International Center for Tourism Economics
2006 – 2008	Chairman, Department of Economics, University Ca' Foscari of Venice.
2001 – 2005	Vice-Provost for Research Management and Policy, University of Venice.



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2004 – 2005	Chairman of the University Committee for Research Quality Valuation (VTR), Venice
2002 – 2005	Member of the Board of the Inter-University Nanotechnology Consortium (CIVEN).
Fall 2003	Visiting Professor, LATAPSES, CNRS and University of Nice Sophia Antipolis (France).
Spring 1998	Visiting Professor of Environmental Economics, University of Paris X, Paris (France).
Fall 1997	Visiting Professor of Environmental Economics, GREQAM, Université de la Méditerranée, Marseille (France).
Fall 1996	Visiting Professor of Environmental Economics, University of Paris I, Paris (France)
Spring 1996	Professor at the International Master on Environmental Economics, Maich, Chania (Greece).
Spring 1995	Visiting Professor of Environmental Economics, LATAPSES and University of Nice Sophia Antipolis (France)
1992 - 1994	Professor of Economics, MBA Program, Clemson University, Pordenone (Italy)
Fall 1993 - 1994	Visiting Professor of Environmental Economics, GREQAM, University of Aix en Provence/Marseille II (France)
Nov. 1990 - 1993	Professor of Econometrics, Departments of Economics, University of Udine, (Italy).
Fall 1991	Visiting Professor of Labour Economics, Université de Paris I, Paris (France)
Fall 1989 - 1990	Visiting Professor of Econometrics, Ecole des Hautes Etudes en Sciences Sociales, Paris (France).
Fall 1989	Visiting Fellow, Department of Economics, University College of London (U.K.).
Nov. 1987- 1990	Associate Professor of Econometrics, Department of Economics, University of Venice (Italy)
1987-1989	Professor at the Summer School of Econometrics, Bagni di Lucca, (Italy).
Fall 1987-1989	Visiting Professor of International Macroeconomics, University of Aix en Provence-Marseille II and the Ecole des Hautes Etudes en Sciences Sociales of Marseille (France).
Spring 1987	Professor of Industrial Organization, Libera Università Internazionale degli Studi Sociali (LUISS), Rome (Italy).
Fall 1986	Visiting Professor of Game Theory, Centre d'Economie Mathématique, Université de Paris I, Panthéon-Sorbonne (France).
Nov. 1983-1987	Assistant Professor of Economics, Department of Economics, University of Venice (Italy)



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Past Scientific Activities

2019 – 2022	Chair, RFF-CMCC European Institute on Economics and the Environment (EIEE).
2018 – 2021	Scientific Director, Fondazione Nord Est
2013 – 2019	Co-Chair, Green Growth Knowledge Platform (GGKP) Advisory Committee, Geneva, Switzerland (www.greengrowthknowledge.org).
2016 – 2019	Member, Advisory Board, Benchmarking Financial Centers, a project by Climate-KIC and I4CE.
2018 - 2019	Member, Osservatorio Italiano sulla Finanza Sostenibile, Italian Ministry of the Environment, Rome
2016 – 2019	Member, National Committee on the Evaluation of Natural Capital, Italian Ministry of the Environment, Rome;
2013 – 2019	Member, Scientific Advisory Board, CEPS Carbon Market Forum, Brussels
2012 – 2018	Member, Scientific Advisory Board, Institute for Economic Research (Ifo), University of Munich;
2012 – 2018	Member, Scientific Advisory Board, Harvard Environmental Economics Program (HEEP), Kennedy School, Harvard University;
2014 – 2016	Member, Comitato di Indirizzo of the Italian Ministry of the Environment and of the Italian Ministry of the Education for a joint plan of actions on environmental education and sustainable development.
2009 – 2017	Director, International Center for Climate Governance (ICCG), Venice.
2006 – 2017	Co-editor and then Editor, the Review of Environmental Economics and Policy, Oxford University Press (http://reep.oxfordjournals.org/).
2014 – 2017	Scientific Director, Fondazione Eni Enrico Mattei (FEEM), Milan.
2014 – 2016	Executive Board Member, Italian Society for Climate Sciences (SISC), Venice
2015 – 2016	Co-Chair of the National Inter-Ministerial Committee on Decarbonisation
2013 – 2016	Member of the Scientific Committee, Fondazione Studium Marcianum (FSM), Venice.
2011 – 2014	Member of the Scientific Committee of the UN International Human Dimensions Programme (IHDP).
2010 – 2013	President, Scientific Advisory Board, Fondazione Eni Enrico Mattei, Milan and Venice.
2009 – 2013	Member of the Mitigation Board of the Global Network for Climate Solutions (GNCS) at Columbia University's Earth Institute, New York
2006 – 2013	Member, Scientific Advisory Board, Eni Award
2005 – 2013	Director, Climate Impacts and Policy Division, EuroMediterranean Center on Climate Change, Lecce



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2012 – 2013	Chairman, AERE and EAERE Selection Committee for the Fifth (2014) World Congress of Environmental Economists.
2006 – 2013	Member of the Advisory Board of the BP Chair on Sustainable Development, Universidad Pontificia Comillas, Madrid.
1997 – 2009	Scientific Director, Fondazione Eni Enrico Mattei, Milan and Venice.
2007-2010	Member of the Scientific Committee of the Istituto di Economia e Politica dell'Energia e dell'Ambiente (IEFE), Bocconi University
2006-2010	Member the Research Network on Sustainable Development (R2D2), Paris
2006-2009	Member of the Scientific Committee of the Kyoto Project of the Fondazione Lombardia Ambiente, Milan
2008-2009	Member of the European Environmental Agency (EEA) High-Level Network of Environmental Economists
2008-2009	Chairman, AERE and EAERE Selection Committee for the Fourth World Congress of Environmental Economists.
2006-2009	Member of the the Climate Policy Network (CPN) a joint initiative of MIT, RFF and FEEM
2005-2009	Member of the the Steering Committee of the Ca' Foscari - Harvard Summer School (CFHSS)
2003-2009	Member of the Steering Committee, Center of Excellence for the Evaluation and Promotion of Sustainable Development in the Mediterranean Coastal Areas (CESD/IDEAS), Venice
2006-2009	Member of the Steering Committee of 'Euro Asian Research and Training on Climate Change Management (CLIMA)' project at the Venice International University.
2000-2009	Consultant to the Economic Social Research Institute (ESRI), Cabinet Office, Japan.
2005-2006	Member of the 6th Environment Action Programme Review Expert Panel of DG Environment, Bruxelles;
2001-2006	Member of the Scientific Advisory Board of Veneto Innovazione, Venice.
2001-2004	Consultant to the World Bank for a project on water management
2002-2006	Member of the Steering Committee of the Ecological and Environmental Economics Programme at the International Center of Theoretical Physics (ICTP), Trieste.
2004-2005	Chairman, AERE and EAERE Selection Committee for the Third World Congress of Environmental Economists
2002-2006	Member of the Steering Committee del Potsdam Institute for Climate Impact Research (PIK), Potsdam, Germany
2002-2005	Member of the Executive Board of the Inter-University Nanotechnology Consortium (CIVEN)
2002-2005	Member of the Steering Committee of European Forum for Integrated Environmental Assessment (EFIEA)
2002-2003	Member of the Executive Board of the European Association on Environmental and Resource Economists.



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2001–2002	Organisator of the 2002 Congress of the European Economic Association and of the Econometric Society, Venice, August 2002.
2001– 2007	Member of Steering Committee of the European Climate Forum (ECF)
1995–2001	Lead Author of the IPCC Third Assessment Report, Working Group III.
1997–1998	Organisator of the Third World Congress of Environmental Economics, Venice, June 1998
1992–1997	Founder (with Nicola Rossi and Domenico Sartore) and Leading Scientist, GRETA Associati

Managerial Positions

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2020-present	Member of the Board of Directors, AFV Beltrame Group, Vicenza
2016-2017	Member of the Board of Directors, Banca Popolare di Vicenza
2014-2016	Member of the Strategic Advisory Committee of the Fondo di Fondi of Venture Capital (FOF VC), Fondo di Investimento Italiano (FII).
2005-2016	Member of the Board of Directors, Euro Mediterranean Centre for Climate Change (CMCC)
2014-2016	Member of the Board of Directors, National School of Public Administration (SNA), Rome.
2013-2016	Member of the Board of Directors, Fondazione Studium Marcianum (FSM), Venice.
2009-2016	Member of the Consiglio Generale, Fondazione di Venezia
2009-2014	Chair of the Board of Directors, Università Ca' Foscari Venezia
2010-2013	Member of the Board of Directors, Fondazione Coin, Venice
2010-2012	Member of the Board of Directors, Generali Group
2009-2014	Member of the Consiglio Generale, Fondazione Giorgio Cini
2009-2013	Member of the Board of Directors, Venice Gateway, Innovation and Science Park
2003–2005	Member of the Board of Directors, Arsenale SpA, Venice

Education

1985	Ph.D. in Economics , Princeton University (USA). Title of Dissertation: New Methods for Macroeconomic Policy Analysis. Thesis committee: Professors G.C. Chow, W. Newey, P. Hartley, A. Blinder. Grade: A.
1984	Master of Arts in Economics, Princeton University (USA).
1981	Visiting Student, Institute of Mathematical Economics and Econometrics, Freie Universität, Berlin (FRG).
1981	Laurea Degree in Economics (Dottore in Economia e Commercio) at the University “Ca' Foscari” of Venice (Italy). Title of Dissertation: Analysis and Estimation of Rational Expectations Models: A System Theoretic Approach. Advisors: Professors Ignazio Musu and Domenico Sartore. Grade: Summa cum laude (110/110 and lode)



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1980 Visiting Student, Department of Economics, University of Warwick (U.K.).

Languages

- Italian Mother tongue
- English Excellent
- French Excellent

Main National and International Research Projects

- *ECOCEP, Economic Modeling for Climate-Energy Policy*, funded by the European Commission, 2013-2017.
- *ROSE, Roadmaps Towards Sustainable Energy Futures*, a research project in cooperation with PIK and funded by the Mercator Foundation, Berlin, 2010-2013.
- *IFCG, International Forum on Climate Governance*, Ministero italiano dell'ambiente e della tutela del territorio e del Mare, 2007–2010
- *E=MC2, Energia da rifiuti in Italia: potenzialità di generazione e contributo alle politiche di mitigazione dei cambiamenti climatici*, funded by Ecocerved, 2009.
- *RECIPE, Report on Energy and Climate Policies in Europe*, in cooperation with Ras Allianz and WWF Germany, 2008–2009
- *TOCSIN – Technology-Oriented Cooperation and Strategies in India and China: Reinforcing the EU dialogue with Developing Countries on Climate Change Mitigation*, European Commission FP6, Scientific Support to Policy, 2007–2009.
- *Impatti dei Cambiamenti Climatici ed effetti sulla Biodiversità [CLIBIO – Impacts of climate change and biodiversity effects]*, funded by the European Investment Bank, 2006–2009.
- *Aspetti dei cambiamenti climatici sulla Laguna di Venezia*, funded by CoRiLA, 2006–2009.
- *ITALY–USA 2 – Co-operation on Science and Technology of Climate Change*, Italian Ministero italiano dell'ambiente e della tutela del territorio, 2006–2008
- *La produzione dei rifiuti industriali in Italia: dinamiche economiche e scelte produttive*, funded by Unioncamere and Ecocerved, 2006–2008.
- *TRANSUST.SCAN – Scanning Policy Scenarios for the Transition to Sustainable Economic Structures*, European Commission, FP6, Scientific support to policies, 2006–2008.
- *CNCC, Climate Change Impacts and Adaptation Policies in Italy*, APAT, 2007.
- *La valutazione economica nei processi di riqualificazione urbana e ambientale*, funded by MIUR, 2005–2007.
- *Il riuso economico 'sostenibile' delle aree dismesse nel centro storico di Venezia*, funded by CoRiLA, 2004–2006.
- *ITALY-USA – Co-operation Italy-USA on Science and Technology of Climate Change*, Ministero italiano dell'ambiente e della tutela del territorio, 2003–2006.
- *EEE – Ecological and Environmental Economics*, FEEM-ICTP, 2002–2006.
- *TRANSUST – Modelling the Transition to Sustainable Economic Structures*, European Commission, FP5, Environment and Sustainable Development Programme, 2003–2005.
- *CAT&E – Concerted Action on Trade and the Environment*, European Commission, FP5, Energy, Environment and Sustainable Development Programme, Part A on Environment and Sustainable Development, 2002–2005.



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- *EFIEA II – European Forum on Integrated Environmental Assessment*, European Commission, FP5, Environment and Climate Programme, Human Dimensions of Environmental Change, 2002–2005.
- *SOCEUM – Feasibility Study for the organisation of the Euro-Mediterranean Centre for Climate Change*, Italian Ministry of the Environment and Territory, 2003–2004.
- *Valutazione economica degli interventi di salvaguardia ambientale nella laguna di Venezia*, funded by CoRiLA, 2001–2004.
- *Città portuali, integrazione mediterranea e scenari di sostenibilità*, funded by CoRiLA, 2001–2004.
- *CATEP – Concerted Action for Tradable Emission Permits*, European Commission, FP5, Energy, Environment and Sustainable Development Programme, 2000–2003.
- *CLIMNEG – Adopting and distributing climate targets and policies: an integrated assessment of European interests and strategies in the climate negotiation process beyond Kyoto*, European Commission, FP4, Environment and Climate Programme, 1999–2001.
- *ACACIA – A Concerted Action towards a comprehensive Climate Impact and Adaptation Assessment for the European Union*, European Commission, FP4, Environment and Climate Programme, 1998–2000.
- *EFIEA – European Forum on Integrated Environmental Assessment*, European Commission, FP5, Environment and Climate Programme, 1997–2000.
- *EU Leadership – Strategies for European leadership of international climate and sustainability regimes*, European Commission, FP4, Environment and Climate Programme, 1996–1999.

Member of the following Editorial Boards:

- Climate Change Economics (World Scientific)
- Economics of Disasters and Climate Change (Springer)
- Integrated Assessment (Springer)
- International Yearbook of Environmental and Resource Economics (Edward Elgar)
- Strategic Behavior and the Environment (Nowpublishers)
- Environmental Economics and Policy Studies (Springer)
- Economics and Policy of Energy and the Environment (IEFE)

Former Member of the Editorial Boards of

- Review of Environmental Economics and Policy (co-founder, Oxford University Press)
- Environmental Modelling and Assessment (Springer)
- Environmental and Resource Economics (Springer)
- *E-economics* (Kiel Institute)
- Research in Economics (Elsevier)

Member of the following professional Organisations:

- Association of Environmental and Resource Economists (AERE)
- European Association of Environmental and Resource Economists (EAERE)
- Italian Association of Environmental and Resource Economists (IAERE)
- Italian Society for Climate Sciences (SISC)
- International Association for Energy Economics (IAEE)



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Main Conferences Organised

- 2019 Chair of the Programme Committee of the International Conference on “Assessing and Managing Climate Change Risk: Opportunities for Financial Institutions” , Venice, 26-27 Sept 2019.
- 2018 Member of the Programme Committee of the 6th World Congress of Environmental and Resource Economists, Gothenburg, 25-28 June 2018.
- 2017 Coordinator of the Opening session, G7 Environment Ministers Meeting, Bologna, 11-12 June 2017.
- Member of the Programme Committee of the Annual Meeting of the European Association of Environmental and Resource Economists, Athens, June 2017.
- 2016 Member of the Programme Committee of the Annual Meeting of the European Association of Environmental and Resource Economists, Zurich, June 2016.
- 2015 Organisor, Green Growth Knowledge Platform Annual Conference, Venice, 28-29 January 2015.
- Organisor, Coalition Theory Network 20th Anniversary Conference, Venice, 19-20 March 2015.
- Member of the Programme Committee of the Annual Meeting of the European Association of Environmental and Resource Economists, Helsinki, June 2015.
- Member of the Scientific Committee of FSR Climate 2015 Annual Conference on “Economic assessment of European climate policies”, European University Institute, Badia Fiesolana, 22-23 Oct 2015..
- 2014 Co-Chair, Second Annual Conference of the Italian Society for Climate Sciences, Venice, 29-30 September 2014
- Member of the Programme Committee of the Fifth World Congress of Environmental Economists, Istanbul, 27-30 June 2014
- 2013 Member of the Scientific Committee of the First Conference of the Italian Society of Climate Sciences (IAERE), Lecce, 22-23 September 2013
- Member of the Scientific Committee of the First Conference of the Italian Association of Environmental and Resource Economists (SISC), Bologna, 11-12 February, 2013
- 2012 Chair of the Programme Committee of the 12th IAEE European Energy Conference, Venice, 9-12 September, Italy
- Member of the Scientific Committee of the 2012 Berlin Conference on the Human Dimensions of Global Environmental Change: “Evidence for Sustainable Development”, Berlin, 5-6 October 2012.
- 2011 Organisor, International Workshop on "Modeling and Policy of CO2 Removal from the Atmosphere", Venice, 30th-31st May 2011, jointly organised with Princeton University.
- Member of the Programme Committee of the Annual Meeting of the European Association of Environmental and Resource Economists, Rome, June 2011.
- 2010 International Workshop on “Institutions for Climate Governance”, Venice, 20th-21st May 2010
- International Workshop on “Reconciling Domestic Energy Needs and Global Climate Policy: Challenges and Opportunities for China and India”, Venice, 15th March 2010



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- Member of the Programme Committee of the Fourth World Congress of Environmental Economists, Montreal, June 2010.
- 2009 International Workshop on 'Coalitions for Climate Cooperation. A Game Theoretic Analysis of Post 2012 Climate Policy, Venice 15-16 June 2009.
2009 IEW - International Energy Workshop, Venice 17-19 June 2009.
Scoping Meeting for the IPCC 5th Assessment Report, Venice, 13th - 17th July 2009
Member of the Programme Committee of the Annual Meeting of the European Association of Environmental and Resource Economists, Amsterdam, June 2009.
- 2008 International Workshop on 'Post-2012 International Policy Architecture for Global Climate Change' co-organised with the Harvard Project on International Climate Agreements, Venice, 15-17 May 2008.
- 2007 Member of the Programme Committee of the Annual Meeting of the European Association of Environmental and Resource Economists, Thessaloniki, 28-30, June 2007.
- 2006 Member of the Programme Committee of the Third World Congress of Environmental Economists, Kyoto, 2-7 July 2006.
- 2005 Third FEEM-Stanford International Conference on 'International Environmental Agreements on Climate Change', Venice, 19-20 June 2005 (in cooperation with MIT and RFF).
- 2004 Co-organiser of the 6th FEEM Climate Policy Workshop and of the XXII MIT Global Change Forum, Venice, 9-11 June, 2004
- 2003 Chair of the Programme Committee of the 2003 Conferences of the U.S. Association of Environmental and Resource Economists.
Member of the Programme Committee of the Annual Meeting of the European Economic Association, Stockholm, 22-27 August, 2003.
- 2002 VII Coalition Theory Workshop, Venice, 11-12 January 2002.
Member of the Programme Committee of the Second World Congress of Environmental and Resource Economists, Monterey, 24-26 June 2002.
Chair of the Organising Committee of the Annual Conferences of the Econometric Society and the European Economic Association, Venice, 22-28 June 2002.
Co-organiser of the EAERE-FEEM-ICTG Summer School on Game Theory and the Environment, Lavagna (GE), 2-14 September, 2002.
Member of the Programme Committee of the 2002 Conferences of the American Association of Environmental Economists.
- 2001 Member of the Programme Committee of the 2001 Conferences of the American Association of Environmental Economists.
Organiser of the first EAERE-FEEM-VIU Summer School on Environmental Economics, Venice, 1-7 July, 2001.
Second FEEM-Stanford International Conference on 'International Environmental Agreements on Climate Change', Venice, 8-9 September 2001.
- 2000 Chair of the FEEM-CAVA Conference on 'Voluntary Approaches, Market Structure and Competition', Milan, 28-29 May, 2000.
Member of the Programme Committee of the Annual Meeting of the European Association of Environmental and Resource Economists, Crete, 24-26, June 2000.
- 1999 Chair of the Organising Committee of the EFIEA Policy Workshop on Climate Policies in Europe, Milan, 4-6 March, 1999.
FEEM/NBER Conference on 'Distributional and Behavioural Responses to Environmental Policy', Milan, 11-12 June, 1999.



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- Member of the Programme Committee of the Annual Meeting of the European Economic Association, Santiago de Compostela (Spain), 26-28 August, 1999.
- 1998 International Conference on 'Coalition Formation: Applications to Economic Issues', Venice, 8-10 January 1998.
- Chair of the Organising Committee of the First World Congress of Environmental and Resource Economists, Venice, 25-27 June 1998.
- 1997 First FEEM-Stanford International Conference on 'International Environmental Agreements on Climate Change', Venice, 6-7 May 1997.
- Member of the Programme Committee of the Annual Meeting of the European Economic Association, Toulouse (France), 28-30 August 1997.
- 1996 International Conference on 'Technology, Employment and Labour Markets', Athens, 16-18 May 1996
- Member of the Programme Committee of the Annual Meeting of the European Association of Environmental and Resource Economics, Lisbon, 26-29 June 1996
- International Conference on 'The Economics and Law of Voluntary Approaches', Venice, 19-21 November 1996.
- 1995 HCM workshop on 'Economic Instruments for the Protection of Natural Resources and the Environment', Venice, 12-13 May 1995.
- International Workshop on 'Transport Policies and the Environment', Venice, 10-11 November 1995
- 1994 IPCC workshop on 'Top-Down and Bottom-Up Models for Environmental Analysis', Milan, 27-29 April 1994.
- Member of the Programme Committee of the Annual Meeting of the International Institute of Public Finance, Harvard, 22-24 August 1994.
- HCM workshop 'The Design of Environmental Policy', Crete (Greece), 7-9 September 1994.
- International Workshop on 'Environment Taxation, Revenue Recycling and Unemployment', Milan, 16-17 December 1994.
- 1993 Member of the Programme Committee of the Annual Meeting of the European Association of Environmental and Resource Economists, Fontainebleau, 22-24 June 1993.
- Member of the Programme Committee of the Annual Meeting of the European Economic Association, Helsinki (Finland), 26-28 August 1993.
- 1992 Autumn School on Environmental Economics, 'Quantitative Methods in Environmental Economics', Venice (Italy), 28 September – 3 October 1992.
- International Conference on 'The International Dimension of Environmental Policy', Milan, 22-24 October 1992.
- International Conference on 'Modelling Environment-Economy Linkages', Milan, 3-4 December 1992.
- 1991 Autumn School on Environmental Economics, 'International Coordination of Environmental Policies', Venice (Italy), 30 September -5 October 1991.
- 1990 Annual Meeting of the European Association of Environmental and Resource Economics on 'Environmental Cooperation and Policy in the Single European Market', Venice, 17-20 April 1990.
- Member of the Programme Committee of the Annual Meeting of the European Economic Association, Lisbon (Portugal), 30.8-2-9, 1990.
- IEA Conference on 'Economics for the New Europe', Venice (Italy), 1-4 November 1990.
- 1988 International Conference on 'International Economic Policy Coordination', Aix-en-Provence (France), 24-25 June 1988.



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1985 International Conference on 'Economic Policy and Control Theory', Venice (Italy), 28-31 January 1985.

PUBLICATIONS

Books and Special Issues

1. CARRARO, C. (ed.) (2022), "Cambiamenti climatici, infrastrutture e mobilità", Ministero delle Infrastrutture e Mobilità Sostenibili, Rome.
2. CARRARO, C. (ed.) (2020), "La Ripartenza", Rapporto 2020 della Fondazione Nord Est, Venezia.
3. CARRARO, C. (ed.) (2019), "Il Pentagono dello Sviluppo", Rapporto 2019 della Fondazione Nord Est, Venezia.
4. CARRARO, C. (ed.) (2018), "Una Nuova Competitività", Rapporto 2018 della Fondazione Nord Est, Venezia.
5. CARRARO, C. and A. Mazzai (eds.) (2017), "Gli Impatti dei Cambiamenti Climatici in Italia: Fotografie del Presente per capire il Futuro", Ca' Foscari University Press, Venice.
6. CARRARO, C. and G. Favero (eds.) (2017) "Benedetto Cotrugli, The Book of the Art of Trade", Palgrave Mc Millan, New York. [ISBN 978-3-319-39968-3].
7. CARRARO, C., Gupta, E., Kim, J. and I. Parry (eds.) (2016), "Fiscal Policy", a special issue of the *International Journal on Green Growth and Development*, Vol. 2, Issue 2, Jul-Dec 2016.
8. Barrett, S., CARRARO, C. and J. de Melo (eds.) (2015), *Towards a Workable and Effective Climate Regime*, CEPR Press, London and Economica, Paris.
9. CARRARO, C. and A. Mazzai (2015), *Il clima che cambia. Non solo un problema ambientale*, Il Mulino, Bologna.
10. CARRARO, C. (ed.) (2015), *Coalitions and Networks*, FEEM Press, Milan.
11. Bosetti, V., CARRARO, C., Massetti, E. and M. Tavoni (eds.) (2014) *Climate Change Mitigation, Technological Innovation and Adaptation: A New Perspective on Climate Policy*, Cheltenham: Edward Elgar. [ISBN-13: 978 1 84980 949 8].
12. Edenhofer, O., C. CARRARO and J.C. Hourcade (eds.) (2012), *The Economics of Ambitious GHG Emission Reductions*, a special issue of *Climatic Change*.
13. CARRARO, C. and E. Massetti (eds.) (2011), *Reconciling Domestic Needs and Global Climate Policy: Challenges and Opportunities for China and India*, a special issue of *International Environmental Agreements*.
14. CARRARO, C. (ed.) (2009), *Cambiamenti climatici e strategie di adattamento in Italia. Una valutazione economica*, Bologna: Il Mulino. [ISBN: 8815126481 - ISBN-13: 9788815126481]
15. Ellerman, A.D., Buchner, B. and C. CARRARO (eds.) (2007), *Allocations in the European Emissions Trading Scheme. Rights, Rents and Fairness*, Cambridge: Cambridge University Press. [ISBN-10: 0521875684 - ISBN-13: 978-0521875684]
16. CARRARO C. and C. Egenhofer (eds.) (2007), *Climate and Trade Policy. Bottom-up Approaches Towards Global Agreement*, Cheltenham: Edward Elgar. [ISBN-13: 978 1 84720 227 7]
17. CARRARO C. and V. Fragnelli (eds) (2004), *Game Practice and the Environment*, Cheltenham: Edward Elgar. [ISBN-13: 978 1 84376 685 8].



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22. CARRARO C. and G.E. Metcalf (eds.) (2000), *Behavioral and Distributional Effects of Environmental Policy*, Chicago: Chicago University Press, 2000. [ISBN: 0-226-09481-2]
23. CARRARO C. (ed.) (2000), *Efficiency and Equity of Climate Change Policy*, Dordrecht: Kluwer Academic Publisher. [ISBN: 0792362624 - ISBN-13: 9780792362623, 978-0792362623]
24. CARRARO C. (ed.) (2000), *Integrating Climate Policies in a European Environment*, a special issue of *Integrated Assessment*, Dordrecht: Baltzer Publishers.
25. CARRARO C. (ed.) (1999), *International Environmental Agreements on Climate Change*, Dordrecht: Kluwer Academic Publisher. [ISBN: 0792355156 - ISBN-13: 9780792355151, 978-0792355151]
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28. CARRARO C. and D. Siniscalco (eds.) (1997), *New Directions in the Economic Theory of the Environment*, Cambridge: Cambridge University Press. [ISBN: 9780521590891]
29. CARRARO C. (ed.) (1997), *International Environmental Agreements: Strategic Policy Issues*, Cheltenham: Edward Elgar. [ISBN-13: 978 1 85898 524 4]
30. CARRARO C. and M. Gambaro (1996), *Microeconomia alla prova*, Bologna: Il Mulino. [ISBN-13: 9788815056283 - ISBN:8815056289]
31. C. CARRARO and A. Haurie (eds.) (1996), *Operation Research and Environmental Protection*, Dordrecht: Kluwer Academic Publisher, 1996. [ISBN: 0792337670]
32. CARRARO C. and D. Siniscalco (eds.) (1996), *Environmental Fiscal Reform and Unemployment*, Kluwer Dordrecht: Academic Publisher. [ISBN: 0792337506 - ISBN-13: 9780792337508, 978-0792337508]
33. CARRARO C. and M. Galeotti (1995), *Ambiente, Occupazione e Progresso Tecnico: un Modello per l'Europa*, Bologna: Il Mulino.
34. CARRARO C., Y. Katsoulacos, and A. Xepapadeas (eds.) (1996), *Environmental Policy and Market Structure*, Dordrecht: Kluwer Academic Publisher. [ISBN: 0792336569 - ISBN-13: 9780792336563, 978-0792336563]
35. C. CARRARO and J. Filar (eds.) (1995), *Control and Game Theoretic Models of the Environment*, Boston: Birckauer. [ISBN: 0817638156 - ISBN-13: 9780817638153]
36. CARRARO C., A. Haurie and G. Zaccour (eds.) (1994), *Environmental Management in a Transition to Market Economy: A Challenge to Governments and Business*, Montreal: Technip. [ISBN : 2-7108-0680-0]
37. CARRARO C. (ed.) (1994), *Trade, Innovation, Environment*, Dordrecht: Kluwer Academic Publisher. [ISBN: 0792330331 - ISBN-13: 9780792330332, 978-0792330332]



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38. CARRARO C., F. Peracchi and G. Weber (eds.) (1993), *The Econometrics of Panels and Pseudo-Panels*, a special issue of the *Journal of Econometrics*, **59**(1-2), Amsterdam: North Holland.
39. CARRARO C. and C. Graziano (1993), *Mercati Oligopolistici e Strategie dell'Impresa*, Bologna: Il Mulino [ISBN: 8815041222 - ISBN-13: 9788815041227]
40. CARRARO C. and D. Siniscalco (eds) (1993), *The European Carbon Tax: an Economic Assessment*, Dordrecht: Kluwer Academic Publisher. [ISBN: 9780792325208]
41. CARRARO C., D. Laussel, M. Salmon and A. Soubeyran (eds) (1991), *International Economic Policy Coordination*, Oxford: Basil Blackwell. [ISBN 0631174524]
42. CARRARO C. (ed.) (1988), *Politica Economica e Teoria del Controllo*, Venezia: Cafoscarina Editrice.
43. CARRARO C. and F. Giavazzi (eds) (1987), *Game Theory and Interdependence of Economic Policies*, a special issue of *Ricerche Economiche*, New York: Academic Press.
44. CARRARO C. and D. Sartore (eds) (1987), *Developments of Control Theory for Economic Analysis*, Dordrecht: Kluwer Academic Publisher. [ISBN: 9024733456 - ISBN-13: 9789024733453, 978-9024733453]

Articles

2021

1. CARRARO, C. (2021a), “La Transizione Ecologica” in “Una visione lunga. Oltre il tempo del Recovery Plan” a cura di E. Belloni, Fondazione ResPublica.
2. CARRARO, C. (2021b), “Macroeconomic costs and financial needs of the EU post-Covid transition to carbon neutrality” in “Charting the European economy post Covid-19”, DG ECFIN, Brussels.

2020

3. CARRARO, C. (2020), “Le interazioni fra innovazione, crescita economica e tutela dell’ambiente per uno sviluppo sostenibile coerente con l’Agenda 2030”, in “*Italia 2030. Proposte per lo sviluppo*”, edited by R. Carli and M. Messori, La Nave di Teseo, Milano
4. Vesco, P., CARRARO, C., De Cian, E. and S. Dasgupta (2020), “Natural Resources and Conflict: A Meta-analysis of the Empirical Literature”, *Ecological Economics*, Volume 172, June 2020, 106633; <https://doi.org/10.1016/j.ecolecon.2020.106633>.

2019

5. Brugiavini, A., CARRARO, C. and M. Kovacic (2019), “Academic Achievements: The Effects of Excess Time to Degree on GPA”, *Education Economics (CEDE)*. <https://doi.org/10.1080/09645292.2019.1672623>. Also in CEPR Discussion Paper No. 10516, London, and CESifo Working Paper no. 5280, Munich.
6. CARRARO, C. (2019a), “Il Pentagono dello Sviluppo. Presente e Futuro” in Carraro, C. (ed.) “*Il Pentagono dello Sviluppo*”, Rapporto 2019, *Fondazione Nord Est*, Venezia.
7. CARRARO, C. (2019b), “10 Considerazioni sul Cambiamento Climatico”, *Changes*, Bologna.
8. CARRARO, C. (2019c), “Two Minutes to Midnight”, *Maize*, Venice.



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- Joseph E. Aldy, William A. Pizer, Keigo Akimoto, Francesco Bosello, Carlo CARRARO, Takashi Homma, and Ramiro Parrado (2019), "The Competitiveness Impacts of Climate Change Policy under the Paris Framework", *Resources for the Future*, Washington.

2018

- Joseph E. Aldy, William A. Pizer, Keigo Akimoto, Lara Aleluia Reis, Carlo CARRARO, Massimo Tavoni (2017), "Learning from Nationally Determined Contributions", CEPR, DP 12757, February 2018 and RFF Report, April 2018.
- CARRARO, C. (2018), "A Word from the Editor", *Review of Environmental Economics and Policy*, (Winter 2018) Volume 12, Issue 1, 1 February 2018, Pages 1–3, <https://doi.org/10.1093/reep/rex031>.
- Campagnolo, L. Eboli, F., Farnia, L. and C. CARRARO (2018), "Supporting the UN SDGs transition: methodology for sustainability assessment and current worldwide ranking". *Economics: The Open-Access, Open-Assessment E-Journal*, 12 (2018-10): 1–31. <http://dx.doi.org/10.5018/economics-ejournal.ja.2018-10>.
- Parrado, R., Bosello, F. and C. CARRARO (2018), "The economic implications of Nationally Determined Contributions: a global analysis on growth and competitiveness", paper presented at the World Congress of Environmental and Resource Economists, Gothenburg, June 2018.
- CARRARO, C. (2018a), "Una nuova competitività" in Carraro, C. (ed.) "Una Nuova Competitività", Rapporto 2018 della Fondazione Nord Est.
- CARRARO, C. (2018b), "Il cambiamento climatico può diventare un fattore di sviluppo economico" in Carraro, C. (ed.) "Una Nuova Competitività", Rapporto 2018 della Fondazione Nord Est.

2017

- Campagnolo, L., CARRARO, C., Davide, M., Eboli, F., Farnia, L., Parrado R. and R. Pierfederici (2017), "The Ex-Ante Evaluation of Achieving Sustainable Development Goals", *Social Indicators Research*, Feb 2017 (DOI 10.1007/s11205-017-1572-x).
- Masseti, E., CARRARO, C., Gupta, S., Harnisch, J. 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*, Oct 2017, 109: 414–417.
- CARRARO, C., Tavoni, M., Longden, T. and G. Marangoni (2017), "The potential role of gas in decarbonising Europe: A quantitative assessment", in Hafner, M. and S. Tagliapietra (2017), "European Gas Markets: Challenges and Opportunities Ahead", Palgrave MacMillan, New York.
- Calliari, E. and C. CARRARO (2017), "COP 22 Steps up the Implementation of the Paris Agreement", *La Nuova Energia*, Giugno 2017.
- CARRARO, C. and A. D'Aprile (2017), "Le conseguenze del ritiro statunitense dall'accordo globale sul clima", *Aperta Contrada*, Luglio 2017.
- Alloisio, I., Bonan, J., CARRARO, C., Davide, M., Hafner, M., Tagliapietra, S. and M. Tavoni (2017) "Energy poverty alleviation and its consequences on climate change mitigation and African economic development", FEEM Policy Brief, no. 2017.02.



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2016

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24. Campagnolo, L., CARRARO, C., Davide, M., Eboli, F., Lanzi, E., Parrado R. (2016) "Can Climate Policy Enhance Sustainability?", *Climatic Change*, 137(3), 639-653, DOI: 0.1007/s10584-016-1701-6.
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26. CARRARO, C., Gupta, E., Kim, J. and I. Parry (2016), "Green Fiscal Reform", *International Journal on Green Growth and Development*, Vol. 2, Issue 2, Jul-Dec 2016, pp. 33-51.
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2015

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