

Curriculum vitae – Manuela Coromaldi

Personal Information

Nationality: Italian

Date of birth: 07/03/1972

Marital status: Single, two children (2009, 2011)

WebPage: <https://ricerca.unicusano.it/author/manuela-coromaldi/>

ORCID: <http://orcid.org/0000-0003-0589-9927>

Email: manuela.coromaldi@unicusano.it; coromald@uniroma2.it; coromald@gmail.com

Current position

- Associate Professor of Public Economics, SECS-P/03, Niccolò Cusano University.
- Co-teacher of the Natural Resources Economics course at the Department of Economics and Finance, University of Rome Tor Vergata.

National Scientific Qualification - Second tier - in:

- Public Economics (13/A3)
 - Agricultural Economics and Estimates (07/A1)
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Research activities and scientific publications

Scientific Publications - Journal Articles

Auci, S., Coromaldi, M., & De Fraja, G. (2025). School Autonomy and Pupils' Performance: Academy Conversion in English Primary Schools. *Economics of Education Review*, forthcoming.

Coromaldi M., Parisi V., (2023). Voluntary Environmental Information Disclosure and Firms' Profitability: Evidence from the Italian Manufacturing Sector. *Empirical Economics Letters*, 22 (9). <https://doi.org/10.5281/zenodo.8411619>

Allocca, V., Castellucci, L., Coda, S., Coromaldi, M., De Vita, P., & Marzano, E. (2023). Integrating hydrogeological and economic analyses of groundwater flooding in an urban aquifer: the plain of Naples (Italy) as a case study. *International Journal of Environmental Studies*, 1-17.

Antonelli, C., Coromaldi, M., & Pallante, G. (2022). Crop and income diversification for rural adaptation: Insights from Ugandan panel data. *Ecological Economics*, 195, 107390.

Auci, S., Barbieri, N., Coromaldi, M., & Michetti, M. (2021). Climate variability, innovation and firm performance: evidence from the European agricultural sector. *European Review of Agricultural Economics*. Vol 48 (5) (2021) pp. 1074–1108 doi:<https://doi.org/10.1093/erae/jbab039>

Coromaldi, M., D'Amato, A., & Mirra, L. (2021). What forces children away from home? Evidence from Uganda. *Applied Economics Letters*, 1-7.
DOI:<https://doi.org/10.1080/13504851.2021.1922580>

Auci, S., Castellucci, L., & Coromaldi, M. (2021). How does public spending affect technical efficiency? Some evidence from 15 European countries. *Bulletin of Economic Research*, 73(1), 108-130.

Auci, S., Barbieri, N., Coromaldi, M., & Vignani, D. (2021). Innovation for climate change adaptation and technical efficiency: an empirical analysis in the European agricultural sector. *Economia Politica*, 1-27.

Antonelli, C., Coromaldi, M., Dasgupta, S., Emmerling, J., & Shayegh, S. (2021). Climate impacts on nutrition and labor supply disentangled—an analysis for rural areas of Uganda. *Environment and Development Economics*, 1-26.

Coromaldi M (2020). The Science of bureaucracy: risk decision-making and the US environmental protection agency by David Demortain. *International Journal of Environmental Studies*, ISSN: 0020-7233, doi: 10.1080/00207233.2020.1811562

Coromaldi, M. (2020). The impact of weather fluctuations and climate shocks on farmers' welfare: insights from rural Ethiopia. *International Journal of Environmental Studies*, 1-17.

Coromaldi, M., Garbero, A., & Letta, M. (2019). Recovering the counterfactual as part of ex-ante impact assessments: an application to the PASIDP - II project in Ethiopia. *Economics Bulletin*, 39(3), 1844-1854.

Auci, S., Castellucci, L., & Coromaldi, M. (2018). The impact of climate change on the distribution of rural income in Ethiopia. *International Journal of Environmental Studies*, 1-19.

Coromaldi M., Pallante G. and Savastano S., (2015) "Adoption of modern varieties, farmers' welfare and crop biodiversity: Evidence from Uganda". *Ecological Economics*, Volume 119, November 2015, Pages 346-358, ISSN 0921-8009,
<http://dx.doi.org/10.1016/j.ecolecon.2015.09.004>.

Coromaldi M. e Zoli M. (Marzo 2012) "Deriving multidimensional poverty indicators. Methodological issues and evidence", *Social Indicators Research*, DOI10.1007/s11205-011-9825-6.

Coromaldi M. e Zoli M. (2008) "Eco-progettazione e qualità ambientale: regolamentazione e strumenti volontari", *Economia dei Servizi*, Anno III, n.3, settembre-dicembre, pp.399-422

M. Matsaganis, C. O'Donoghue, H. Levy, M. Coromaldi, M. Mercader-Prats, C. Farinha Rodrigues, S. Toso e P. Tsakloglou, " Reforming Family Transfers in Southern Europe: Is there a Role for Universal Child Benefits? ", (2006), *Social Policy & Society*.

Scientific Publications - Contributions in Volumes

Coromaldi, M., Auci, S. (eds) Climate-Induced Innovation. Mitigation and Adaptation to Climate Change. Palgrave Macmillan, Cham. 2022

Coromaldi, M., Auci, S. (2022). A Short Survey on Climate Change and Environmental Innovations. In: Coromaldi, M., Auci, S. (eds) Climate-Induced Innovation. Palgrave Macmillan, Cham. https://doi.org/10.1007/978-3-031-01330-0_1

Auci, S., Coromaldi, M. (2022). Agricultural and Biotechnology Patents as an Adaptation Strategy to Climate Change: A Regional Analysis of European Farmer's Efficiency. In: Coromaldi, M., Auci, S. (eds) Climate-Induced Innovation. Palgrave Macmillan, Cham. https://doi.org/10.1007/978-3-031-01330-0_2

Auci, S., Coromaldi, M. (2022). Adoption Determinants of Improved Seeds and Technical Efficiency of Ugandan Small Farmers. In Innovation in Small-Farm Agriculture (pp. 207-216). CRC Press, Taylor & Francis Group. ISBN 9781003164968

Coromaldi M. (2021). Teoria e metodi di valutazione delle Risorse Naturali. In Lezioni di Economia delle Risorse Naturali di Laura Castellucci. Esculapio, Bologna. ISBN: 978-9385-242-5.

Auci, S., Castellucci, L., Coromaldi, M. (2019). How Does the Public Spending Affect Technical Efficiency? Some Evidence from 15 European Countries. CEIS research paper series. Vol. 17, Issue 10, No. 476 .ISSN 2610-931X

Coromaldi, M., Drago, C. (2017). An Analysis of Multidimensional Poverty: Evidence from Italy. In Measuring Multidimensional Poverty and Deprivation (pp. 69-86). Palgrave Macmillan, Cham.

Asfaw S., Coromaldi M. and Lipper L., (2015) "Adaptation to climate risk and food security. Evidence from smallholder farmers in Ethiopia". FAO Document Repository, I4371.

Coromaldi M. and Gorini S., "Internalizing environmental externalities: from deterministic to stochastic social damage", in Government and the Environment. The Role of the Modern State in the Face of Global Challenges, ROUTLEDGE, 2014.

Matsaganis M., Levy H., O'Donoghue C., Toso S., Farinha Rodrigues C., Coromaldi M., Mercader-Prats M. & Tsakloglou P., "Child Poverty and Family Transfers in Southern Europe", (2007), in A. Spadaro (Ed.), *Microsimulation as a Tool for the Evaluation of Public Policies*, Fundaciòn BBVA.

"Slovak Republic: The Quest for Equitable Growth In The Slovak Republic", A World Bank Living Standards Assessment, Report No. 32433-SK (2005).

Castellucci L., Coromaldi M., e D'Amato A., 2004, "Il servizio di acquedotto in Italia: produttività, redditività e qualità del servizio", in "Le tariffe del settore idrico – Rapporto 2003 - INDIS", Santarcangelo di Romagna (RN). (rif P3).

Paper in progress

Coromaldi M., D'Amato A., Mirra L., "The Hidden Social Costs of Climate Change: Evidence on Weather Shocks, Children Mobility and Rural Households' Welfare in Uganda", submitted to *World Development* il 22 September 2024 (under review).

Castellucci L., Coromaldi M., Pallante G., "Green growth, eco-efficiency and planetary boundaries: an empirical approach", submitted to *Ecological Economics* il 15 September 2024 (under review).

Organisation of Conferences and Workshops

Chair in the workshop on "Tipping Points and Resilient Agriculture: From Climate-Smart Agriculture to Vulnerable-Smart Agriculture". With the participation of professor Hossein Azadi as a keynote speaker. University of Rome Niccolò Cusano.

Member of the programme committee of the 12th Annual Conference dell'Italian Association of Environmental and Resource Economists (IAERE), held at Pescara (Italy) from 22nd to 23rd February 2024

Member of the scientific and organisational committee of the "Working & Networking" on Climate Change and Innovation for Sustainable Agrifood Systems, PALERMO (Italy), JUNE 26–28, 2023.

Member of the programme committee and chair of the Session "ECOLOGICAL AND SUSTAINABILITY ISSUES (II) " in the 11th IAERE Annual Conference, 23-24 February 2023, Naples (Italy).

Chair in the Session "CLIMATE CHANGE AND ADAPTATION IN AGRICULTURE" in the 24th Annual Conference of the European Association of Environmental and Resource Economists in Manchester (UK) 26-29 June 2019

Participation as a speaker at Conferences

Participation as speaker at the Circularity beyond sustainability: exploring circular business models for resilient and sustainable growth. Title of paper presented: Eco-Efficiency in Achieving Weak and Strong Sustainable Development: A Global Panel Stochastic Frontier Analysis. Rome (Italy) - 20-06-2025

Participation as speaker at the 30th Annual Conference of the European Association of Environmental and Resource Economists. Title of paper presented: Sustainable Productivity in an Inclusive Wealth Model for Europe. Bergen (Norway) - 15-06-2025 to 18-06-2025

Participation as a speaker at the Eleventh IAERE Annual Conference, 23-24 February 2023, Naples. Title of the paper presented: Can economic growth be integrated with the maintenance of the Earth system? An empirical approach. 23-02-2023 to 24-02-2023

Participation as speaker at the Conference Jobs, Innovation and Value Chains in the age of Climate Change at IFAD, Rome. Title of paper presented: The Adoption Determinants of Climate-Smart Production Practices and their Impacts on Farm Outcome in Uganda. From 22-06-2022 to 24-06-2022

Participation as speaker at the Tenth IAERE Annual Conference 21-23 April 2022, Cagliari (Italy). Title of the paper presented: Voluntary Environmental Information Disclosure and Firms' Performance: Evidence from the Italian Manufacturing Sector. From 21-04-2022 to 23-04-2022

Participation as speaker at SEEDS Annual Workshop, 4 November 2021. Title of the paper presented: The Adoption Determinants of Climate-smart Production Practices and their impacts on Farm Outcome in Uganda. From 04-11-2021 to 04-11-2021

Participation as speaker at the LVII Conference SIDEA Agricoltura e Società tra mercato, innovazione e ambiente: le nuove frontiere di analisi dell'impresa agro-alimentare. Bologna, from 16-09-2021 to 17-09-2021

Participation as speaker at the 26th Annual Conference of the European Association of Environmental and Resource Economists. Title of paper presented: The Adoption Determinants of Climate-smart Production Practices and their Impacts on Farm Outcome in Uganda 23-06-2021 to 25-06-2021

Participation as a speaker at the Ninth Italian Association of Environmental and Resource Economists Annual Conference, 21-23 April 2021. Title of the paper presented: Technical efficiency and sustainable human progress. Insights from European countries. From 21-04-2021 to 23-04-2021

Participation as a speaker at the 61st Annual Scientific Meeting of the Italian Society of Economists (SIE) with a paper entitled 'A New Look at the Effect of School Autonomy on Pupils' Performance'. From 20-10-2020 to 23-10-2020

Participation as a speaker at the 25th Annual Conference of the European Association Environmental and Resource Economists. Title of paper presented: Innovation and Climate Change Adaptation: A Panel Endogenous Switching Regression Model. From 23-06-2020 to 03-07-2020

Participation as speaker at the 9th AIEAA Conference - Mediterranean agriculture facing climate change: Challenges and Policies. Title of paper presented: The Hidden Social Costs of Climate Change: Evidence on Climate Shocks and Child Abandonment in Uganda. From 11-06-2020 to 12-06-2020

Participation as speaker at the 60th Annual Scientific Meeting (RSA) of the SIE - Italian Society of Economists. Title of paper presented: Crop and income diversity as adaptation strategies to cope with climate change: insights from Uganda panel data. From 24-10-2019 to 26-10-2019

Participation as a speaker at the 24th Annual Conference of the European Association Environmental and Resource Economists. Title of paper presented: Crop and income diversity as adaptation strategies to cope with climate change: insights from Uganda panel data. From 26-06-2019 to 29-06-2019

Participation as speaker at the Seventh Annual Conference of Italian Association of Environmental and Resource Economists. Title of paper presented: Innovation and Climate Change Adaptation: An Analysis of the Agricultural Firms' Efficiency. From 07-02-2019 to 08-02-2019

Participation as a speaker at the XX International Consortium on Applied Bioeconomy Research (ICABR) Conference. Ravello (Italy), June 26 - 29, 2016. Title of paper presented: Adaptation to climate risk and food security. Evidence from smallholder farmers in Ethiopia. From 26-06-2016 to 29-06-2016

Participation as speaker at the 29th ICAE INTERNATIONAL CONFERENCE OF AGRICULTURAL ECONOMISTS, August 9-14, 2015, Milan, Italy. Title of the paper presented: Adaptation to climate risk and food security. Evidence from smallholder farmers in Ethiopia. From 09-08-2015 to 14-08-2015

Participation as speaker at IAERE Third Annual Conference 20-21 February 2015, University of Padova. Title of paper presented: The impact of climate change on the distribution of rural income in Ethiopia. From 20-02-2015 to 21-02-2015

Other research and consultancy activities

Evaluator of a project proposal, as an external reviewer, within the framework of the University Call for Proposals for the funding of research projects of young independent researchers within the scope of the PNR themes, issued by Decree no. 346/2022 - Prot no. 0061445 of 18/03/2022. From 01-10-2022 to 11-10-2022

CINECA evaluator - Enrolled in REPRISE (register of scientific experts established at MIUR) for the Basic Research section - Department for Higher Education and Research Directorate General for the coordination, promotion and valorisation of research Office III. From 01-01-2018 to date.

Research contract for the construction of the input dataset and static microsimulation model, with behavioural responses, EconLav. Project developed by agreement between the Ministry of Labour, Health and Social Policy, the Ministry of Economy and Finance and ISFOL (Institute for the Development of Workers' Training) using financial resources from the European Social Fund. From 01-09-2005 to 01-11-2009

Research grant on the topic: 'The economics of education, the role of the State and the prospects of e-learning', at the University of Rome Tor Vergata. From 05-06-2007 to 05-06-2008

Research grant on the topic: 'The economics of education, the role of the State and the prospects of e-learning', at the University of Rome Tor Vergata. From 30-05-2006 to 30-05-2007

Research assignment at UNIVERSITY OF CAMBRIDGE, DEPARTMENT OF APPLIED ECONOMICS, Cambridge (UK), for the construction of a micro simulation model at the European level - Euromod (Referee: Holly Sutherland). From 15-09-1999 to 31-07-2000

IFAD (International Fund for Agricultural Development) consultancy, Rome, Italy. Research on: Impact assessment- Federal Democratic Republic of Ethiopia Participatory Small-scale Irrigation Development. From 25-11-2019 to 31-12-2019

Consultancy FAO (Food and Agriculture Organization of the United Nations), Rome, Italy. Research on: 'Smallholder DataPortrait', a comprehensive, systematic and standardised data set on the profile of smallholder farmers across the world, using a number of available statistical sources. From 24-10-2014 to 31-12-2014

Consultancy FAO (Food and Agriculture Organization of the United Nations), Rome, Italy. Construction of the 2011/12 dataset for Ethiopia and estimation of the effects of SLM adoption on productivity and on food security. From 01-10-2013 to 31-12-2013

Consultancy World Bank, Washington DC. Assessing the impact of tax and income support policies on poverty and income redistribution in Slovakia, at the Poverty Reduction and Economic Management Unit Europe and Central Asia Region. From 01-05-2004 to 30-06-2005

Refereeing

Papers refereed for the following journals: Applied Economics, Social Indicator Research, Journal of Climatology & Weather Forecasting, Economics, International Journal of Environmental Studies, Journal of development studies, Land Use Policy, European Review of Agricultural Economics, Economia politica, Environment, Development and Sustainability, Journal of environmental management, Journal of Geography & Natural Disasters, Climate Policy, Climatic Change.

Participation in national and international research projects

Member of the Italian Research Team of the project 'EUROMOD: A tax-benefit microsimulation model' - Program SOE, funded by the European Commission through the TSER programme

(coordinator Prof. Holly Sutherland). From 01-09-1999 to 01-07-2001

Member of the Italian Research Team for the European project Diecofis (Development of a System of Indicators on COmpetitiveness and FIScal Impact on Enterprise Performance), financed Information Society Technologies Programme of the European Union (Coordinator prof.ssa L. Catellucci). From 01-01-2001 to 31-12-2003

Member of the Italian Research Team for the European project Micresa (Micro-level analysis of the European Social Agenda: combating poverty and social exclusion through changes in social and fiscal policy), financed by the European Commission under the Improving Human Potential programme (SERD-2001-00099). From 01-01-2001 to 31-12-2003

PRIN 2010/2011 Project - Participant in the Research Programme on 'Climate change in the Mediterranean area: evolutionary scenarios, economic impacts, mitigation policies and technological innovation' (PRIN funding: 2010S2LHSE_008). National coordinator: Marzio Galeotti. From 01-02-2013 to 01-02-2016

PRIN 2022 Project - Participant in the Research Programme 'Climate policies, energy demand and distributional impacts in Italy (MUR - PRIN_2022 - CUP:E53D23006390006)'. P.I.: Alessio D'Amato, University of Rome Tor Vergata.

Teaching activities

Teaching - PhD and Master's degrees:

Referee of the PhD thesis entitled 'Sustainable Farmland Management: Integrating Land Use Planning and Farming System Adaptation' by Saghi Movahhed Moghaddam, student at the Czech University of Life Sciences Prague, Faculty of Environmental Sciences, Department of Landscape and Urban Development. The date on which the discussion of the thesis was conducted was: 09/07/2025.

Proposing Athenaeum: UNICUSANO Università degli Studi Niccolò Cusano -Telematica Roma Title: 'TERRITORY INNOVATION AND SUSTAINABILITY'. Coordinator in charge: BELLA Gino. Starting academic year: 2023/2024 - Cycle: 39. From 01-09-2023 to 31-07-2024

Proposing Athenaeum: UNICUSANO Università degli Studi Niccolò Cusano -Telematica Roma Title: 'TERRITORY INNOVATION AND SUSTAINABILITY'. Coordinator in charge BELLA Gino. Starting academic year: 2022/2023 - Cycle: 38. From 01-09-2022 to 31-07-2023

Supervisor of the PhD thesis entitled 'Essays on Climate Change and Agriculture: Applications to Uganda' by the student Chiara Antonelli belonging to the XXXII Cycle of the PhD in 'Economics, Law and Institutions' at the University of Rome Tor Vergata. From 01-10-2016 to 23-04-2020

Lecturer of the module 'Introduction to Statistical and Mathematical Methods' and of 'The Assessment of Environmental Damage' in the Master's Degree Course in Economics and

Management of Natural Resources and the Environment at the University Niccolò Cusano. From 2020 to date

Proposing Athenaeum UNICUSANO University of Studies Niccolò Cusano -Telematica Roma
Title: 'GOVERNANCE AND MANAGEMENT FOR BUSINESS INNOVATION'. Starting academic year: 2018/19 - Cycle: - Duration: 3 years. From 01-09-2018 to 31-07-2019

Member of the selection board for the final examination of the PhD programme in Environmental Law and Economics (University of Rome Tor Vergata). The candidate discussed a thesis entitled: The Contingent Valuation Method: main theoretical and experimental developments and criticalities from the origins of the method to date. From 12-04-2018 to 12-04-2018

Member of the selection board for the final examination of the PhD in Economics Quantitative Economics and Eurolinguistics for the sustainability of welfare (University of Naples Parthenope). From 14-12-2017 to 14-12-2017

Proposing Athenaeum: UNICUSANO Università degli Studi Niccolò Cusano -Telematica Roma
Title: 'GOVERNANCE AND MANAGEMENT FOR BUSINESS INNOVATION'. From 01-09-2017 to 31-07-2018

Proposing Athenaeum: UNICUSANO University of Studies Niccolò Cusano -Telematics Rome
Title: 'GOVERNANCE AND MANAGEMENT FOR BUSINESS INNOVATION'. Starting Academic Year: 2016/17 - Cycle: XXXII - Duration: 3 years. From 01-09-2016 to 31-07-2017

Proposing Athenaeum: UNICUSANO University of Studies Niccolò Cusano -Telematics Rome
Title: 'GOVERNANCE AND MANAGEMENT FOR BUSINESS INNOVATION'. Starting academic year: 2015/16 - Cycle: XXXI - Duration: 3 years. From 01-09-2015 to 31-07-2016

Lecturer in Introduction to Econometrics in the PhD in Environmental Law and Economics, at the University of Rome Tor Vergata. Teaching of the module on Introduction to the main OLS estimators. From 01-09-2010 to 31-01-2011

Lecturer in Elements of Statistics in the PhD programme in Environmental Law and Economics at the University of Rome Tor Vergata. Teaching of the module on the main indicators of environmental impact. From 01-09-2008 to 31-01-2009

Lecturer of the module of Methods and Tools for Economic Analysis in the University Master's Degree Course in Economics and Law (Aed) at the University of Rome Tor Vergata School Iad - University e-learning Centre. From 2005 to 2006

Supervisor of several Master's and PhD theses at the University of Rome Niccolò Cusano and Tor Vergata from A.A. 2017/2018 to date.

Teaching - Bachelor's and Master's Degrees

Lecturer of the course in Financial Science SECS-P/03 for the Degree Course in Economics

Business Economics and Management (L-18) at the University of Rome Niccolò Cusano - Faculty of ECONOMICS. From 01-07-2017 to date

Lecturer in Public Economics and Natural Resources SECS-P/03 for the degree course Global Markets and Digital Innovation (LM-56) at the University of Rome Niccolò Cusano - telematics Rome - Faculty of ECONOMICS. From 01-07-2019 to 30-06-2020

Co-teacher of the Natural Resources Economics course at CLEMIF, University of Roma Tor Vergata, for the master's degree course in Economics of Markets and Financial Intermediaries. From 25-09-2020 to date.

Supervisor of numerous dissertations (three-year and/or specialist) at the University of Rome Niccolò Cusano from A.A. 2017/2018 to date.

Prizes and Awards

Award for the most cited article published in the international journal BULLETIN OF ECONOMIC RESEARCH, in the period 2020 - 2021. Title of the paper: How does public spending affect technical efficiency? Some evidence from 15 European countries. From 01-01-2021 to 15-12-2022

Education

PhD in Economic Theory and Institutions, at the University of Rome 'Tor Vergata'. Doctoral thesis entitled 'The role and scope of Microsimulation Models as a way of assessing income distribution and poverty'. In 11-10-2005

Second level Master's degree in Economics and Institutions, at the University of Rome 'Tor Vergata'. On 15-07-1999

Degree in Economics. Degree thesis title: 'Le disuguaglianze di genere', in Economic Analysis. Supervisor: Prof. Nicola Rossi, University of Rome 'Tor Vergata'. In 24-10-1998

Participation in Summer Schools.

July 2003: 'II Mediterranean Summer School in Theoretical and Applied Economics: the evaluation of public policies' at the Universitat de les Illes Balears- Department of Applied Economics (Palma de Mallorca).

June 2000: 'International Summer School in Economics: 'Knowledge Economy, Information Technology Revolution and Regional Development' at the University of Rome Tor Vergata - CEIS (Centre for International Studies on Economic Growth).

June 1999: International Summer School in Economics: 'Taxation and Fiscal Policy after EMU'. at the University of Rome Tor Vergata - CEIS (Center for International Studies on Economic Growth).

July 1998: International Summer School in Economics: 'Unemployment: Theory and Empirical Evidence' at the University of Rome Tor Vergata - CEIS (Center for International Studies on Economic Growth).

Technical skills and expertise

Good knowledge of Windows packages, Microsoft Word, Excel.

Good knowledge of writing programmes in Latex

Good programming skills in Stata18 and Mata.

Programming basics in Visual C++.

Rome (Italy), 26 November 2024