|  |
| --- |
| Massimiliano Mazzanti |
| Via SILVAGNI 10 40138 Bologna Italy  |
|  | Mobile: | 3356493170 |
| mzzmsm@unife.it |
| Italian |
| Italian |
|  |
| February 11th, 1972 |
|  |
| Male |
|  |
|  |
|  |
|  |
| December 2017 onwards |
| **Full professor in Economic Policy** / lecturer in MacroEconomics; Environmental economics and policy, Ecological Economics |
| Research; teaching; lecturing; coordination of teaching activities; international relations, Phd coordination 2012-16 |
| University of Ferrara, Italy |
| Academic (public administration) |
|  |
| October 2002-September 2003 |
| Researcher |
| Research activities in environmental economics |
| National Resreach Council of Italy (CERIS, Milan) |
| Public administration |
|  |
|  |
|  |
| 1998-2002  |
| Doctorate / PhD (Economics); Doctoral program in “Institutions, environment and policies for economic development” |
| Thesis title: ‘Methods and techniques for the economic valuation of cultural heritage’Issues: Environmental economics, evaluation techniques, cultural economics, cost benefit analysis, sustainable development  |
| University Rome III |
| Distinction |
|  |
| 1997-1998 |
| Master of Science in environmental and natural resource economics |
| Environmental policy, economic valuation, environment and development, econometrics, theory of natural resource management, Thesis on ‘global management of whales as a common and economic resource’  |
| University College of London, *Department of Economics*, London |
| Distinction |
|  |
| 1991-1997 |
| Undergraduate laurea degree  |
| Economics, political economy, political sciences. Thesis on ‘Green fiscal reforms, double dividends and unemployment’ |
| University of Bologna, Italy |
| 110/110 |
|  |
|  |
|  |
| Italian |
|  |
|  |
|  | Understanding | Speaking | Writing |
|  | Listening | Reading | Spoken interaction | Spoken production |  |
|  | C2 | Proficient user | C2 | Proficient user | C1 | Proficient user | C1 | Proficient user | C1 | Proficient user |
|  | C2 | Proficient user | C2 | Proficient user | B2 | Independent user | B2 | Independent user | C1 | Proficient user |
| (\*) Common European Framework of Reference for Languages |
|  |
| * Team work:
* intercultural skills

I have often dealt with intercultural settings both as student, teacher and as researcher  |
|  |
| I am used to working in teams even as a coordinator; I supervise and lead student teams and young researcher teams |
|  |
|  |
| Competent with most Microsoft Office programmes and econometric softwares (SPSS, LIMDEP, STATA) |
|  |
|  |
| **Publications (International level)** **Books*** Spinozzi P. Mazzanti M., 2017, *Routing Sustainable Development towards a culture of well being,*Routledge, London
* D’Amato A., Mazzanti M. Montini A., 2013, *Waste Management in Spatial Environments*, Routledge, London.
* Costantini V. Mazzanti M. 2013, *The Dynamics of Economic and Environmental Systems. Innovation, Policy and Competitiveness*, Springer.
* Costantini V. Mazzanti M. Montini A., 2012, *Hybrid Economic Environmental Accounts*, Routledge, London.
* Mazzanti M. Montini A., 2009, *Environmental efficiency and Economic performances*: *empirical evidence and theoretical insights from micro to macro perspectives* Routledge, London.
* Mazzanti M. Montini A., 2009, *Waste & environmental policy*, Routledge, London.
 |
| **Papers**1. Antonioli D. Mazzanti M. (2017), Towards the green economy through Innovations. The role of unions’ involvement, *Ecological Economics, 131, 286-99.*

Cecere G. Mazzanti M. (2017), Green Jobs and Eco-Innovations in European SMEs, *Resource and Energy Economics*, i-first Aprile 2017Antonioli D. Borghesi S. Mazzanti M. (2016), Are regional systems greening the economy? Local spillovers, green innovations and firm’s economic performances, *Economics of Innovation and new technology*.Cainelli G: D’Amato A: Mazzanti M. (2015), Adoption of waste-reducing technology in manufacturing: Regional factors and policy issues, *Resource and Energy Economics, 41, 185-201.*D’Amato A. Mazzanti M. Nicolli F. (2015), Waste and Organized Crime in Regional Environments How waste tariffs and the mafia affect waste management and disposal, *Resource and Energy Economics, 41, 185-201.*Borghesi S. Cainelli G. Mazzanti M., (2015), Linking emission trading to environmental innovation: Evidence from the Italian manufacturing industry, *Research Policy, 44, 669-683.* 1. Borghesi S. Crespi F. D’Amato A. Mazzanti M. Silvestri F., (2015), Carbon abatement, sector heterogeneity and policy responses: evidence on induced eco innovations in the EU, *Environmental Science and Policy, December* ° (pubblicazione del FP7 CECILIA2050)
2. Antonioli D. Mazzanti M. Montresor S. Pini P., (2015), Outsourcing and firm productivity in local production systems, *Growth and change, 46, 292-320. °*
3. Antonioli D. Gilli M. Mazzanti M. Nicolli F. (2015/16) Backing Environmental Innovations through Information Technology adoption, *Technological Development and the Economy*, forth. (pubblicazione del FP7 Emininn)
4. Mancinelli S. Marin G: Nicolli F. Mazzanti M. (2015), Carbon dioxide reducing environmental innovations, sector upstream/downstream integration and policy: evidence from the EU, *Empirica, 42, 4* (pubblicazione del FP7 CECILIA2050)
5. Ding W. Gilli M. Mazzanti M. Nicolli F. (2015/16), Green inventions and greenhouse gas emission dynamics. Evidence from Italy, *Environmental Economics and Policy Studies, forth.*
6. Mazzanti M. Musolesi A., (2014), Non linearity, heterogeneity and unobserved effects in the CO2 economic development relation for advanced countries, *Studies in non linear Dynamics and Econometrics, 18, 5.*
7. Antonioli D: Gilli M. D’Amato A. Borghesi S. Nicolli F: Mazzanti M. (2014), Analysing the interactions of energy and climate policies in a broad policy ‘optimality’ framework: the Italian case study, *Journal of Integrative Environmental Sciences, 11, 205-224.* (pubblicazione del FP7 CECILIA2050)
8. Gilli M. Mancinelli S. Mazzanti M. (2014), Innovation complementarity and environmental performances: reality or delusion? Evidence from the EU, *Ecological Economics, 103, 56-67. °*
9. Corradini M. Costantini V. Mancinelli S. Mazzanti M. (2014), Unveiling the dynamic relation between R&D and emission abatement. National and sectoral innovation perspectives from the EU, *Ecological Economics, 102, 48-59.°*
10. Cecere G. Mancinelli M. Mazzanti M. (2014),Waste prevention and social preferences: The role of intrinsic and extrinsic motivations, *Ecological Economics, 107, 163-187°*
11. Corradini M. Costantini V. Mancinelli S. Mazzanti M. (2014), Interacting innovation investments and environmental performances: a dynamic impure public good model, *Environmental Economics and Policy Studies, 17, 109-29.*
12. Cainelli G. Mazzanti M. Zoboli R. (2013), Environmental Performance and Firm Growth in Manufacturing Sectors. Empirical evidence on structural factors and dynamic relationships, *Environmental Economics and Policy Studies*, 15, 367-87.
13. Costantini V. Mazzanti M. Montini A. (2013), Environmental performance, innovation and spillovers: evidence from a regional NAMEA, *Ecological Economics, 89, 101-114°*
14. Antonioli D., Mancinelli S. Mazzanti M. (2013), Is Environmental Innovation Embedded within High-Performance Organisational Changes? The role of human resource management and complementarity in green business strategies, *Research Policy, 42, 975-88°.*
15. Marin G., Mazzanti M. (2013), The evolution of environmental and labour productivity dynamics, *Journal of Evolutionary Economics, 23, 357-399*
16. Gilli M. Mazzanti M. Nicolli F. 2013, Sustainability and competitiveness in evolutionary perspectives: environmental innovations, structural change and economic dynamics in the EU, *Journal of Socio Economics, 45, 204-15.* °
17. Cainelli G. Mazzanti M. 2013, Environmental Innovations in services, *Research Policy, 42, 1595-1604°*
18. Mazzanti M. Nicolli F. (2013), Landfill diversion in a decentralized setting: A dynamic assessment of landfill taxes, *Resources, Conservation and Recycling, 81, 17-23.*
19. Mazzanti M. Musolesi A. (2013), The heterogeneity of carbon Kuznets curves for advanced countries: comparing homogeneous, heterogeneous and shrinkage / Bayesian estimators, *Applied Economics, 45*
20. Mazzanti M. Zoboli R. (2013) Resource taxation and Regional planning: revenue recycling for sustainability in the aggregate sector, *Journal of Environmental Planning and Management, 56, 893-916*
21. Antonioli Davide & Bianchi Annaflavia & Mazzanti Massimiliano & Montresor Sandro & Pini Paolo, 2013. "[Innovation Strategies and Economic Crisis: Evidence from Firm-level Italian Data](http://ideas.repec.org/a/mul/jb33yl/doi10.1428-73099y2013i1p33-68.html)," Economia Politica, issue 1, pages 33-68.
22. Costantini V. Mazzanti M. (2012), On the green and innovative side of trade competitiveness? The impact of Environmental Policy and Innovation on EU exports *Research Policy, 41, 132-53°*
23. Mazzanti M. Montini A. Marin G., (2012), [Linking NAMEA and Input output for ‘consumption vs. production perspective’ analyses](https://ideas.repec.org/a/eee/ecolec/v74y2012icp71-84.html), *Ecological Economics, 74, 71-84°*
24. Cainelli G. Mazzanti M. Montresor S. (2012), Environmental Innovations, Internationalisation and local networks, *Industry and Innovation* 19(8)
25. Borghesi S. Cainelli G. Mazzanti M., (2012), The European Emission Trading Scheme and environmental innovation diffusion: Empirical analyses using Italian CIS data, *Annali di Economia - Giornale degli Economisti, 71, 71-97.*
26. Iafolla V. Mazzanti M. Nicolli F., (2012), Waste dynamics, country heterogeneity and European environmental policy effectiveness, *Journal of Environmental Policy and Planning, 14, 371-93.*
27. Mazzanti M. Montini A. Nicolli F., (2012), Waste dynamics in economic and policy transitions: decoupling, convergence and spatial effects, Journal *of environmental planning and management, 55, 63-81.*
28. Mazzanti Massimiliano & Nicolli Francesco, (2012). [Firm's Social and Economic Role Within Local-Global Sustainability Strategies: EU Frameworks, Environmental Innovations, Public Goods](http://ideas.repec.org/a/mul/j1t56u/doi10.2382-38876y2012i2p249-272.html), [Economia dei Servizi](http://ideas.repec.org/s/mul/j1t56u.html%22%20%5Ct%20%22_self), Società editrice il Mulino, issue 2, pages 249-272.
29. Alessio D’Amato & Shunsuke Managi & Massimiliano Mazzanti, (2012). [Economics of waste management and disposal: decoupling, policy enforcement and spatial factors](http://ideas.repec.org/a/spr/envpol/v14y2012i4p323-325.html), [Environmental Economics and Policy Studies, Society for Environmental Economics and Policy Studies - SEEPS](http://ideas.repec.org/s/spr/envpol.html), Society for Environmental Economics and Policy Studies - SEEPS, vol. 14(4), pages 323-325.
30. Mazzanti M. Montini A. Nicolli F., (2011), Embedding Landfill Diversion in Economic, Geographical and Policy Settings, *Applied Economics, 43*
31. Cainelli G., Mazzanti M., Zoboli R. (2011), Environmentally-oriented innovative strategies and firm performance in services. Micro-evidence from Italy, *International Review of Applied Economics*, 25, 61-85.
32. Mazzanti, M., Montresor S., Pini P., (2011), Outsourcing, delocalization and firm organization: industrial relations vs transaction costs in a local production system, *Entrepreneurship and Regional Development, 23, 419-37.°*
33. Mazzanti M. Montini A., (2010), Embedding the drivers of emission efficiency at regional level. Analyses of NAMEA data, *Ecological Economics*, *69*°
34. Mazzanti M. Musolesi A. Zoboli R., (2010), A Bayesian Approach to the estimation of EKC for CO2, *Applied Economics*, 42, 2275-87.
35. Mazzanti Massimiliano & Zoboli Roberto, (2010). [Joint Economic and Environmental Efficiency. Empirical Analyses on the Italian NAMEA over 1993-2006](http://ideas.repec.org/a/mul/jb33yl/doi10.1428-33132y2010i3p421-451.html), [Economia politica, Società editrice il Mulino](http://ideas.repec.org/s/mul/jb33yl.html%22%20%5Ct%20%22_self), Società editrice il Mulino, issue 3, pages 421-451.
36. Antonioli D. & Massimiliano Mazzanti & Paolo Pini, (2010), Productivity, innovation strategies and industrial relations in SMEs. Empirical evidence for a local production system in northern Italy, International Review of Applied Economics, 24(4)
37. Mancinelli, Susanna & Mazzanti, Massimiliano & Piva, Nora & Ponti, Giovanni, (2010). [Education, reputation or network? Evidence on migrant workers employability](http://ideas.repec.org/a/eee/soceco/v39y2010i1p64-71.html), [Journal of Behavioral and Experimental Economics (formerly The Journal of Socio-Economics), Elsevier](http://ideas.repec.org/s/eee/soceco.html), Elsevier, vol. 39(1), pages 64-71, January.
38. Mazzanti M. Zoboli R., (2009), Municipal Waste Kuznets Curves: Evidence on Socio-Economic Drivers and Policy Effectiveness from the EU, *Environmental & Resource Economics*, 44, 2, 203-30.
39. Mazzanti M. Zoboli R., (2009), Environmental efficiency and labour productivity: trade-off or joint dynamics?, *Ecological Economics*, vol.68, n.4, 1182-94.
40. Mazzanti M. Montini A. Nicolli F., (2009), The dynamics of landfill diversion: economic drivers, policy factors and spatial issues, *Resources, Conservation & Recycling, October.*
41. Mazzanti, M., Montresor S., Pini P., (2009), What drives (or hampers) outsourcing? Evidence for a local production system in Emilia Romagna, *Industry and Innovation*, vol.16, n.3
42. Mancinelli S. Mazzanti M., (2009), Innovation, networking activities and complementarity Empirical evidence on SME performances for a local economic system in Northern Italy, *Annals of Regional sciences*, vol.43, n.3, 567-97.
43. Antonioli D. Mazzanti, M. Pini P., (2009), Working conditions and industrial relations. Evidence for a local production systems, *Economics and Industrial Democracy*, 30: 157-81.\*
44. Mazzanti M. Zoboli R., (2009), Embedding Environmental Innovation in Local Production Systems: SME strategies, networking and industrial relations, *International Review of Applied Economics*, vol.23, n.2
45. Mazzanti M. Montini A. Zoboli R., (2008), Environmental Kuznets curve for air pollutant emissions in Italy: evidence from environmental accounts NAMEA panel data, *Economic Systems Research*, vol.20, n.3, pp.279-305.
46. Mazzanti M. Montini A. Zoboli R., (2008), Municipal waste generation and socio economic drivers. Evidence from comparing Northern and Southern Italy, *The Journal of Environment & Development*, vol.17, pp.51-69.
47. Mazzanti M. Zoboli R., (2008), Complementarity, firm strategies and environmental innovations, *Environmental sciences*, vol.5, n.1, pp.17-40
48. Guidetti G. Mazzanti M., (2007), Firm training activities and complementarities in production: conceptual insights and empirical evidence, *Journal of Socio-Economics* vol.36, n.6, pp.875-94°
49. Cainelli G. Mancinelli S. Mazzanti M., (2007), Social Capital and innovation dynamics in district based local systems, *Journal of Socio-Economics* vol.36, n.6, pp.932-48. °
50. Mazzanti M. Zoboli R., (2006), Economic Instruments and Induced Innovation: the European Directive on end of Life Vehicles, *Ecological Economics*, vol.58, n.2, pp.318-37. °
51. Mazzanti M. Montini A., (2006), The determinants of residential water demand, *Applied Economics Letters*

Mazzanti M., (2003), Discrete Choice Models and Valuation Experiments, *Journal of Economic Studies*, vol. 30, n. 6, pp. 584-6041. Mazzanti M., (2002), Cultural Heritage as a Multi-dimensional, Multi Value and Multi Attribute Economic Resource, *Journal of Socio-Economics,* vol. 31, n.5, pp.529-558 °
2. Mazzanti M., (2001), The Role of Economics in the Global Management of Whales: Re-forming or Re-founding IWC?, *Ecological Economics*, n. 2, pp. 205-221. °
3. Mazzanti M. (2001), Global Management of Whales as a Mixed Good and Shared Resource: Bargaining and Institutions, *Journal of Environmental Planning and Management*, 44(5), pages 603-628

**Papers awards*** Cainelli G. Mazzanti M. Montresor S. (2012), Environmental Innovations, Internationalisation and local networks, *Industry and Innovation* 19(8)
	+ Best Industry and Innovation, DRUID society 2014 award ([**http://explore.tandfonline.com/page/bes/druid-best-paper**](http://explore.tandfonline.com/page/bes/druid-best-paper)**)**

**Special issues**Guest Editor of the Special Issue on “Environmental Innovations and Socio-Economic Dynamics in Institutional and Policy Contexts” (with Borghesi, S., Crespi F., Costantini V.), *Journal of Evolutionary Economics*, 2013, vol.2.**Chapters in edited books*** Mazzanti M. Montini A. (2013), Clustering waste performances. Spatial and socio economic effects in the Italian environment, in *Handbook of Waste Management* (edited by Tom Kinnaman).
* Nicolli F. Mazzanti M. (2011), Diverting waste: the role of innovation, in OECD, *Invention and transfer of environmental technologies*, Paris: OECD.

**Research reports*** Frauke Eckermann, Michael Golde Márton Herczeg, Massimiliano Mazzanti, Anna Montini, Roberto Zoboli (2012), *Resource taxation and resource efficiency. Along the value chain of mineral resources,* European Topic Centre on Sustainable Consumption and Production, Copenhagen
* Marton Herczeg, Giovanni Marin, Massimiliano Mazzanti, Anna Montini, Susanna Paleari, Ole Gravgård Pedersen, Justus von Geibler, Roberto Zoboli (2012), *Towards a Green Economy in the EU, Gaps and macro processes,* European Topic Centre on Sustainable Consumption and Production, Copenhagen.
* H. Jacobsen, M. Mazzanti, S. Moll, M. G. Simeone, S. Pontoglio, R. Zoboli, (2004), *Methodology and indicators to measure decoupling, resource efficiency, and waste prevention*, European Topic Centre on Waste and Material Flows, European Environment Agency, Copenhagen.
* Zoboli, R., Barbiroli, G., Leoncini, R., Mazzanti, M., Montresor, S., (2000), *Regulation and Innovation in the Area of End-of-Life-Veichles*, Final Research Report, IDSE-CNR Milan, IPTS-JRC and European Commission.

**Participation in International reports** * EEA (2009). *Diverting waste from landfill - Effectiveness of waste-management policies in the European Union.* Copenhagen: European Environmental Agency.
* EEA (2008), *Effectiveness of environmental taxes and charges for managing sand, gravel and rock extraction in selected EU countries*, report n.2, Copenhagen: European Environmental Agency.
* OECD – Mazzanti et al. “Firm surveys relating environmental policies, environmental performance and innovation – design challenges and insights from empirical applications”, to be published (nella serie Environmental directorate environmental policy committee, working party on integrating environmental and economic policies, presentazione al working party Maggio 2015)
* UNIDO - Mazzanti et al. “SUSTAINABLE DEVELOPMENT AND INDUSTRIAL DEVELOPMENT: MANUFACTURING ENVIRONMENTAL PERFORMANCE, TECHNOLOGY AND CONSUMPTION/PRODUCTION PERSPECTIVES” Industrial Development Report

**International projects*** Leader UNIFE unit (**EEA/IEA/13/003 for the award of the Framework Partnership Agreement concerning the European Topic Centre on Waste and materials in a green economy for the period 2014-2018** (ETC/WMGE)) Topic Centre 'Waste and Materials in the Green Economy' - http://etc-wmge.vito.be/
* Leader Unit UNIFE **Horizon2020 ‘Green.eu’, 2015-19**

[www.iino4sd.net](http://www.zew.de/en/projects/1466) * Leader Unit UNIFE, **FP7** **project CECILIA 2013-15** ‘Decarbonising the EU Economy’ [www.cecilia2050.eu](http://www.cecilia2050.eu), project ID 308680, call 31032600
* Collaborator of the OECD project Environmental Policy and Technological Innovation; [http://www.oecd.org/document/61/0,3746,en\_2649\_34289\_45679421\_1\_1\_1\_1,00.html](http://www.oecd.org/document/61/0%2C3746%2Cen_2649_34289_45679421_1_1_1_1%2C00.html)
* Individual participation in the FP7 ‘Environmental Macro Indicator of Innovation’ EMININN, <http://www.emininn.eu/> 2012-15
* Individual participation in the H2020 ISAAC - Increasing Social Acceptance and Awareness of biogas, 2016-18

Citation indexBibliometric indexes* **Google Scholar –** H 36, i10H 91 (4196 citations)
* **Scopus H 21**

**Research leadership roles**Director of the inter University research centre SEEDS ([www.sustainability-seeds.org](http://www.sustainability-seeds.org)) President of the Italian assocaition of environmental economists ([www.iaere.org](http://www.iaere.org)) 2016-2017 **Editorial boards*** Associate editor *Journal of Environmental Planning & Management* (Routledge)
* Associate editor *Economia Politica Journal of Analytical and Institutional Economics*, <http://www.springer.com/economics/policy/journal/40888>
* Associate editor *Italian Economic Journal (Springer).*
 |