

Massimiliano Mazzanti

Born February 11th, 1972, Male

### **Positions**

December 2017 onwards. Full professor in Economic Policy / lecturer in MacroEconomics; Environmental economics and policy, Ecological Economics, Phd coordination 2012-16

University of Ferrara, Italy

October 2002-September 2003. Researcher. National Research Council of Italy (CERIS, Milan)

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’. University Rome III

1997-1998. Master of Science in environmental and natural resource economics. University College of London, Department of Economics, London. Mark: Distinction

### **Publications**

#### **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., 2010, 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.

### **Main Papers in peer reviewed journals**

1. Antonioli D. Mazzanti M. (2017), Towards the green economy through Innovations. The role of unions’ involvement, Ecological Economics, 131, 286-99.
2. Cecere G. Mazzanti M. (2017), Green Jobs and Eco-Innovations in European SMEs, Resource and Energy Economics, i-first Aprile 2017
3. Antonioli 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.
4. 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.
5. 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.
6. Borghesi S. Cainelli G. Mazzanti M., (2015), Linking emission trading to environmental innovation: Evidence from the Italian manufacturing industry, Research Policy, 44, 669-683.

7. 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*
8. Antonioli D. Mazzanti M. Montresor S. Pini P., (2015), Outsourcing and firm productivity in local production systems, *Growth and change*, 46, 292-320.
10. 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
11. 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.
12. 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.
13. 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.
14. Gilli M. Mancinelli S. Mazzanti M. (2014), Innovation complementarity and environmental performances: reality or delusion? Evidence from the EU, *Ecological Economics*, 103, 56-67. °
15. 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
16. Cecere G. Mancinelli M. Mazzanti M. (2014), Waste prevention and social preferences: The role of intrinsic and extrinsic motivations, *Ecological Economics*, 107, 163-187
17. 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.
19. Costantini V. Mazzanti M. Montini A. (2013), Environmental performance, innovation and spillovers: evidence from a regional NAMEA, *Ecological Economics*, 89, 101-114
20. 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
21. Marin G., Mazzanti M. (2013), The evolution of environmental and labour productivity dynamics, *Journal of Evolutionary Economics*, 23, 357-399
22. 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
23. Cainelli G. Mazzanti M. 2013, Environmental Innovations in services, *Research Policy*, 42, 1595-1604
24. Mazzanti M. Musolesi A. (2013), The heterogeneity of carbon Kuznets curves for advanced countries: comparing homogeneous, heterogeneous and shrinkage / Bayesian estimators, *Applied Economics*, 45
25. 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
26. 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°

27. Mazzanti M. Montini A. Marin G., (2012), Linking NAMEA and Input output for ‘consumption vs. production perspective’ analyses, *Ecological Economics*, 74, 71-84
28. Cainelli G. Mazzanti M. Montresor S. (2012), Environmental Innovations, Internationalisation and local networks, *Industry and Innovation* 19(8)
29. 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.
30. Mazzanti M. Montini A. Nicolli F., (2011), Embedding Landfill Diversion in Economic, Geographical and Policy Settings, *Applied Economics*, 43
31. 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.
32. Mazzanti M. Montini A., (2010), Embedding the drivers of emission efficiency at regional level. Analyses of NAMEA data, *Ecological Economics*, 69
33. 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.
34. Mazzanti M. Zoboli R., (2009), Environmental efficiency and labour productivity: trade-off or joint dynamics?, *Ecological Economics*, vol.68, n.4, 1182-94.
35. 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.
36. 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.\*
37. 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.
38. 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.
39. Mazzanti M. Zoboli R., (2008), Complementarity, firm strategies and environmental innovations, *Environmental sciences*, vol.5, n.1, pp.17-40
40. 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.

### **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>)

### **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.

### **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).

### **Bibliometric indexes (as of July 17<sup>th</sup> 2017)**

- Google Scholar – H 36, i10H 94 (4245 citations)
- Scopus H 21

### **Participation in International reports and papers (main)**

- 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
- EEA (2014), *Resource efficient policies and the Green economy*, Copenhagen: European Environmental Agency.
- OECD – Mazzanti et al. (2016) “Firm surveys relating environmental policies, environmental performance and innovation – design challenges and insights from empirical applications”, (Environmental directorate environmental policy committee, working party on integrating environmental and economic policies)
  - UNIDO - Mazzanti et al. “SUSTAINABLE DEVELOPMENT AND INDUSTRIAL DEVELOPMENT: MANUFACTURING ENVIRONMENTAL PERFORMANCE, TECHNOLOGY AND CONSUMPTION/PRODUCTION PERSPECTIVES” *Industrial Development Report 2016*, working paper UNU Maastricht series.

### **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.inno4sd.net](http://www.inno4sd.net)
- Leader Unit UNIFE, FP7 project CECILIA 2013-15 ‘Decarbonising the EU Economy’ [www.cecilia2050.eu](http://www.cecilia2050.eu), project ID 308680, call 31032600

### **Research leadership roles**

- Director of the inter University research centre SEEDS ([www.sustainability-seeds.org](http://www.sustainability-seeds.org))
- President of the Italian association of environmental and natural resource economists ([www.iaere.org](http://www.iaere.org)) 2016-2017