

Paola Garrone, Curriculum Vitae

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Date of Birth November 29, 1962

Citizenship Italian



Academic and Professional Experience

2002-present Professor of Business and Industrial Economics, School of Management of Politecnico di Milano, I

2016-present Scientific Director of the Food Sustainability Observatory, School of Management of Politecnico di Milano, I

1998-present Professor of Utilities Economics and Policy, MBA and Corporate Education Programs, School of Management of Politecnico di Milano, I

1998-2002 Associate professor of Business Economics, Politecnico di Milano, I

1996-1998 Assistant professor, Politecnico di Milano, I

1990-1996 Researcher, CIRET - Telecommunications Economics Research Center, Politecnico di Milano, I

1987-1990 Software developer, Beta80, Milano, I

1985-1987 Tutor, Emit Feltrinelli, Milano, I

Research Field and Interests

Industrial economics: Utilities economics and policy; Sustainable innovation in food, water and energy sectors

Publications - Refereed Journals

1. Garrone, P., Grilli, L. and Marzano, R., 2020. Incentives to water conservation under scarcity: Comparing price and reward effects through stated preferences. *Journal of Cleaner Production*, 244, p.118632.
2. Garrone, P., Grilli, L. and Marzano, R., 2019. Price elasticity of water demand considering scarcity and attitudes. *Utilities Policy*, 59, p.100927.
3. Garrone, P., Piscitello, L. and D'Amelio, M., 2019. Multinational enterprises and the provision of collective goods in developing countries under formal and informal institutional voids. The Case of electricity in sub-Saharan Africa. *Journal of International Management*, 25(2), p.100650.

4. Garrone, P., Grilli, L., & Mrkajic, B. (2018). The role of institutional pressures in the introduction of energy-efficiency innovations. *Business Strategy and the Environment*, 27(8), 1245-1257.
5. Garrone, P., Grilli, L., Groppi, A., & Marzano, R. (2018). Barriers and drivers in the adoption of advanced wastewater treatment technologies: a comparative analysis of Italian utilities. *Journal of Cleaner Production*. 171, Supplement, S69-S78.
6. Marzano, R., Rougé, C., Garrone, P., Grilli, L. Harou, J. H., Pulido-Velazquez, M. (2018). Determinants of the price response to residential water tariffs: Meta-analysis and beyond, *Environmental Modelling & Software*, 101, 236-248.
7. Sert, S., Garrone, P., Melacini, M. & Perego, A. (2018). Corporate food donations: altruism, strategy or cost saving?. *British Food Journal*, 120(7), 1628-1642.
8. Garrone, P., Grilli, L., & Mrkajic, B. (2018). Human capital of entrepreneurial teams in nascent high-tech sectors: a comparison between Cleantech and Internet. *Technology Analysis & Strategic Management*, 30(1), 84-97.
9. Garrone, P., Groppi, A., & Nardi, P. (2018). Social innovation for urban liveability. Empirical evidence from the Italian third sector. *Industry and Innovation*, 25(6), 612-631.
10. Rougé, C., Harou, J.J., Pulido-Velazquez, M., Matrosov, E.S., Garrone, P., Marzano, R., Lopez-Nicolas, A., Castelletti, A., Rizzoli, A-E. (2018). Assessment of smart-meter-enabled dynamic pricing at utility and river basin scale. *Journal of Water Resources Planning and Management*, 144(5), 04018019.
11. Garrone, P., Grilli, L., & Mrkajic, B. (2017). The energy-efficient transformation of EU business enterprises: Adapting policies to contextual factors. *Energy Policy*, 109, 49-58.
12. Garrone, P., Melacini, M., Perego, A., & Sert, S. (2016). Reducing food waste in food manufacturing companies. *Journal of Cleaner Production*, 137, 1076-1085.
13. D'Amelio, M., Garrone, P., & Piscitello, L. (2016). Can Multinational Enterprises Light up Developing Countries?: Evidences from the Access to Electricity in sub-Saharan Africa. *World Development*, 88, November, 12-32.
14. Garrone P., Zaccagnino M. (2015). "Seeking the links between telecommunications investment and competition", *Telecommunications Policy*, 39 (5), 388-405
15. P. Garrone, R. Marzano (2015). Why do local governments resist contracting out?. *Urban Affairs Review*, vol. 51, p. 616-648
16. Garrone P., Piscitello L., Wang Y., 2014, "Innovation performance and international knowledge spillovers: Evidence from the renewable energy sector in OECD countries", *Industry and Innovation*, 21 (7-8), 574-598.
17. Garrone P., Melacini M., Perego A., 2014, "Surplus food recovery and donation: the upstream process", *British Food Journal*, Special issue on Food Banks, 116 (9), 1460-1478
18. Garrone P., Melacini M., Perego A., 2014, "Opening the Black Box of Food Waste Reduction", *Food Policy*, 46, 129-139.
19. Harou, J.J., P. Garrone, A. E. Rizzoli, A. Maziotis, A. Castelletti, P. Fraternali, J. Novak, R. Wissmann-Alves, P.A. Ceschi, 2014, "Smart Metering, Water Pricing and Social Media to Stimulate Residential Water Efficiency: Opportunities for the SmartH2O Project", *Procedia Engineering* 07/2014; 89. DOI:10.1016/j.proeng.2014.11.222
20. Sert S., Garrone P., Melacini M., 2014, "Keeping Food Alive: Surplus Food Management", *European Journal of Sustainable Development*, 3(4), 339-346, Doi: 10.14207/ejsd.2014.v3n4p339
21. Garrone P., Grilli L., Rousseau X., 2013, "Management Discretion and Political Interference in Municipal Enterprises. Evidence from Italian Utilities", *Local Government Studies*, 39 (4), 514-540

22. Capiello G., Garrone P., Nardi P., 2013, "Cooperation in the initial stages of infrastructure projects: a conceptual model and survey of Italian utility managers", *Economics and Policy of Energy and the Environment*, 1, 41-68.
23. Garrone P., Groppi A., 2012, "Siting locally-unwanted facilities: What can be learnt from the location of Italian power plants?", *Energy Policy*, 45, 176–186 (a previous version of the paper is available at SSRN: <http://ssrn.com/abstract=1610127>)
24. Garrone P., Grilli L., Rousseau X., 2011, "Utility municipali: influenza politica o discrezionalità del management?", *L'Industria*, 1, 69-92
25. Garrone P., Grilli L., 2010, "Is there a relationship between public expenditures in energy R&D and carbon emissions per GDP? An empirical investigation", *Energy Policy*, 38, 10, 5600–5613 (a previous version of the paper is available at SSRN: <http://ssrn.com/abstract=1610103>)
26. Delfanti M., Fumagalli E., Garrone P., Grilli L., Lo Schiavo L., 2010, "Towards Voltage Quality Regulation in Italy", *IEEE Transactions on Power Delivery*, 25, 2, 1124-1132
27. Carelli M.D., Garrone P., Locatelli G., Mancini M., Mycoff C., Trucco P., Ricotti M.E., 2010, "Economic features of integral, modular, small-to-medium size reactors", *Progress in Nuclear Energy*, 52, 403–414
28. Fumagalli E., Garrone P., Grilli L., 2007, "Service quality in the electricity industry: The role of privatization and managerial behavior", *Energy Policy*, 35, 12, 6212–6224
29. Garrone P., 2006, "Riforma regolamentare, privatizzazione ed investimenti: un'analisi empirica", *L'Industria*, XXVII, 1, 145-172
30. Garrone P., Fumagalli E., Internullo M., 2005, "Concorrenza ed espansione della rete elettrica di trasmissione: un'analisi del comportamento strategico degli operatori", *Economia delle fonti di energia e dell'ambiente*, 1, 87-112
31. Cassiman B., Colombo M.G., Garrone P., Veugelers R., 2005, "The Impact of M&A on the R&D Process. An Empirical Analysis of the Role of Technological and Market Relatedness", *Research Policy*, 34, 4, 195-220 (a previous version of the paper is available at SSRN: <http://ssrn.com/abstract=1610103>)
32. Garrone P., Mariotti S., e Sgobbi F., 2002, "Technological Innovation in Telecommunications. An Empirical Analysis of Specialisation Paths", *Economics of Innovation and New Technology*, 11, 1, 1-23
33. Calderini M., e Garrone P., 2001, "Liberalisation, industry turmoil and the balance of R&D activities", *Information Economics and Policy*, 13, 2, 199-230
34. Garrone P., e F. Sgobbi, 2001, "Employment dynamics in the Italian telecommunications industry", *Telecommunications Policy*, 25, 8-9, 565-585
35. Calderini M., e Garrone P., 2001, "Liberalizzazione del mercato e Ricerca e Sviluppo nel settore delle telecomunicazioni", *L'Industria*, XXII, 3, 501-530
36. Garrone P., e S. Mariotti, 2001, "Linee evolutive nell'industria delle telecomunicazioni", *Economia e politica industriale*, 28, 110, 69-94
37. Colombo M.G., e Garrone P., 1999, "Market-Driven Design of Innovative Services. The case of multimedia home-banking", *Technovation*, 19, 537-549
38. Colombo M.G., e P.Garrone, 1998, "Common Carriers' Entry into Multimedia Services", *Information Economics and Policy*, 10, 1, 77-105
39. Garrone P., Rossini A., 1998, "The Role of Technology and Product Capabilities in a New High-Tech Business: the Case of Cellular Services", *Journal of High-Technology Management Research*, 9, 2, 285-307
40. Garrone P., 1996, "Network Subscription and Services Usage in European Telecommunications Industry", *Information Economics and Policy*, 8, 25-50

41. Colombo M.G., Garrone P., 1996, "Technological Cooperative Agreements and Firms' R&D Intensity: a Note on Causality Relations", *Research Policy*, 25, 6, 923-932.
42. Garrone P., 1996, "The Adoption of Optical Systems: an Econometric Cost Model of the European Telecommunications Carriers", *European Transactions on Telecommunications*, 7, 1, 93-102.
43. Garrone P., 1995, "The adoption of innovations: dynamic and cumulative effects on telecommunications carriers", *Economics of Innovation and New Technology*, 4, 1-15.
44. Garrone P., 1995, "Accesso alla rete ed uso dei servizi nelle industrie europee di telecomunicazioni", *Economia e Politica Industriale*, 85, 165-195.
45. Colombo M.G., Garrone P., 1995, "Organizzazione industriale ed efficienza nei servizi di telecomunicazioni", *Rivista di Politica Economica*, LXXXV, III, XII, 245-277.
46. Garrone P., 1993, "Struttura di costo delle imprese di gestione delle reti di telecomunicazioni", *L'Industria*, XIV, 3, 551-582.
47. Garrone P., 1993, "Effetti del cambiamento tecnologico sulla struttura di costo delle imprese di gestione delle reti di telecomunicazioni", *L'Industria*, XIV, 4, 705-728.

Publications - Books and Chapters

Brugnoli A., Garrone P., Vittadini G., 2019, "Sussidiarietà, sviluppo sostenibile e PMI". In: (a cura di Brugnoli A., Garrone P., Vittadini G.) *Sussidiarietà e... PMI per lo sviluppo sostenibile. Rapporto sulla sussidiarietà 2018/2019*, Fondazione per la Sussidiarietà: Milano, pp. 11-29, ISBN: 9788897793267.

Garrone P., 2019, "PMI italiane: collaborazioni e crescita dell'impresa". In: (a cura di Brugnoli A., Garrone P., Vittadini G.) *Sussidiarietà e... PMI per lo sviluppo sostenibile. Rapporto sulla sussidiarietà 2018/2019*, Fondazione per la Sussidiarietà: Milano, pp. 131-162, ISBN: 9788897793267.

Cappiello G., Garrone P., Nardi P., 2018, "Infrastructure projects as a value co-creation process". In *Cross-Sectoral Relations in The Delivery of Public Services* (eds. Gnan, Hinna, Monteduro, Andrea Bonomi Savignon), *Studies in Public and Non-Profit Governance*, Volume 6, Emerald Publishing, Bingley (UK), pp. 131 – 153.

Baglioni, S., Calo, F., Garrone, P., Molteni, M. (2017), "Introduction", In *Foodsaving in Europe: At the crossroad of social innovation* (eds. Baglioni, Calo, Garrone and Molteni), Palgrave Macmillan Publishers, Houndmills (UK)

Garrone P. (2016), "Compiti e capacità dei lavoratori nella nuova organizzazione della produzione", in *Far crescere la persona. La scuola di fronte al mondo che cambia*, G. Vittadini (a cura di), Edizione Fondazione per la Sussidiarietà, pp. 35-52.

Sert, S., Garrone, P., Melacini, M., & Perego, A. (2016). *Surplus Food Redistribution for Social Purposes: The Case of Coop Lombardia*. In *Organizing Supply Chain Processes for Sustainable Innovation in the Agri-Food Industry* (pp. 153-173). Emerald Group Publishing Limited.

Garrone P., Martini G. (2016). *Personalità dell'imprenditore e risultati d'impresa: alcuni interrogativi per la teoria dell'impresa e per le politiche pubbliche*. In: (a cura di): P. Garrone G. Martini, *Sussidiarietà e... politiche industriali*. p. 131-142, Milano:Fondazione per la Sussidiarietà, ISBN: 978-88-97793-17-5

Garrone P., Martini G., Minola T. (2016). *Caratteristiche dell'imprenditore e risultati d'impresa: obiettivi dell'indagine*. In: (a cura di): P. Garrone G. Martini, *Sussidiarietà e... politiche industriali*. p. 131-142, Milano:Fondazione per la Sussidiarietà, ISBN: 978-88-97793-17-5

- P. Garrone G. Martini G. Vittadini (2016). Introduzione. In: (a cura di): P. Garrone G. Martini, *Sussidiarietà e... politiche industriali*. p. 131-142, Milano:Fondazione per la Sussidiarietà, ISBN: 978-88-97793-17-5
- Garrone P., Melacini M., Perego A., 2015, *Surplus food management against food waste. Il recupero delle eccedenze alimentari. Dalle parole ai fatti*, La Fabbrica, Milano, ISBN: 9788861280038
- Vittadini G., Garrone P., 2014, "Introduzione". In Fiorentini G., Sapelli G., Vittadini G. (eds), *Imprenditore: risorsa o problema?*, pp. 5-24, BUR Saggi - Rizzoli, Milano, ISBN: 978 88 17 07648 7
- Garrone P., Vittadini G., 2014, "Introduzione". In Agasisti T., Tanzilli F. (eds), *Sussidiarietà e qualità nei servizi sociali*, pp. 7-21, Fondazione per la Sussidiarietà, Milano, ISBN: 978 88 97793 07 6
- Garrone P., Melacini M., Perego A., 2013, *Feed the Hungry. The Potential of Surplus Food Recovery*, Fondazione per la Sussidiarietà, Milano, ISBN: 9788897793038
- Garrone P., Melacini M., Perego A., 2012, *Dar da mangiare agli affamati. Le eccedenze alimentari come opportunità*, Guerini e Associati, Milano, ISBN: 9788862504386
- Garrone P., Lauro C. (eds), 2012, *Sussidiarietà e città abitabile*, Fondazione per la Sussidiarietà, Milano, ISBN: 9788897793014
- Garrone P., Vittadini G., 2012, "Introduzione". In Garrone P., Lauro C. (eds), *Sussidiarietà e città abitabile*, pp. 9-17, Fondazione per la Sussidiarietà, Milano, ISBN: 9788897793014
- Garrone P., Groppi A., Nardi P., 2012, "Principali risultati degli studi di caso". In Garrone P., Lauro C. (eds), *Sussidiarietà e città abitabile*, pp. 121- 151, Fondazione per la Sussidiarietà, Milano, ISBN: 9788897793014
- Bardelli G., Garrone P., 2012, "Conclusioni e proposte". In Garrone P., Lauro C. (eds), *Sussidiarietà e città abitabile*, pp. 161-172, Fondazione per la Sussidiarietà, Milano, ISBN: 9788897793014
- Garrone P., 2012, "Fabbisogni energetici e crescita economica", In Pedrocchi E., Alimonti G. (eds), *Energia sviluppo ambiente*, pp. 364- 372, Società Editrice Esculapio, Bologna, ISBN: 9788874884834
- Garrone P., Piscitello L., Wang Y., 2011, "The role of cross country knowledge spillovers in energy innovation", in (eds. Verbeke A., van Tulder R., Tavares A.T.) *IBS Role in Building a Better and Stronger Global Economy*, Emerald Series Progress in International Business Research, Emerald Group, 327-342
- Garrone P., Nardi P. (eds.), 2010, *Al servizio della persona e della città. Libertà ed efficacia nei servizi pubblici locali*, Guerini e Associati, Milano
- Garrone P., Nardi P., 2010, Servizi pubblici locali: un confronto tra imprese pubbliche e imprese private regolate, in (Garrone P., Nardi P. eds.), *Al servizio della persona e della città. Libertà ed efficacia nei servizi pubblici locali*, Guerini e Associati, Milano, 77-102
- Garrone P., 2010, Non profit utilities: caratteristiche ed esperienze internazionali, in (Garrone P., Nardi P. eds.), *Al servizio della persona e della città. Libertà ed efficacia nei servizi pubblici locali*, Guerini e Associati, Milano
- Cappiello G., Garrone P., 2010, Competizione per il mercato nei servizi pubblici locali: il sistema delle "gare", in (Garrone P., Nardi P. eds.), *Al servizio della persona e della città. Libertà ed efficacia nei servizi pubblici locali*, Guerini e Associati, Milano, 103-113
- Garrone P. (ed.), 2007, *Investments and service quality in the electricity industry*, Franco Angeli, Milano

- Fumagalli E., Garrone P., Grilli L., Redondi R., 2007, "Service quality in electricity supply: the customer's costs", in (ed. P. Garrone) *Investments and service quality in the electricity industry*, Franco Angeli, Milano (a previous version of the paper is available at SSRN: <http://ssrn.com/abstract=1612156>)
- Garrone P., Grilli L., Groppi A., Rousseau X., 2007, "Municipal ownership and cost efficiency in utilities", in (ed. P. Garrone) *Investments and service quality in the electricity industry*, 15-36, Franco Angeli, Milano
- Fumagalli E., Garrone P., Grilli L., 2007, "Ownership, control and service quality in the electricity industry", in (ed. P. Garrone) *Investments and service quality in the electricity industry*, 37-57, Franco Angeli, Milano
- Garrone P., 2007, "Il principio di sussidiarietà nei servizi di pubblica utilità", in (ed. Vittadini G.) *Che cos'è la sussidiarietà. Un altro nome della libertà*, 183-196, Guerini e associati, Milano.
- Colombo M.G., Garrone P., 2006, "The sample of M&As: descriptive statistics", in (eds. Cassiman B., Colombo M.G.) *Mergers and Acquisitions. The innovation impact*, 89-102, Edward Elgar, Cheltenham UK
- Colombo M.G., Garrone P., Rabbiosi L., 2006, "The impact of M&A on R&D: empirical results", in (eds. Cassiman B., Colombo M.G.) *Mergers and Acquisitions. The innovation impact*, 104-133, Edward Elgar, Cheltenham UK
- Garrone P., 2005, "Regolazione, innovazione e qualità del servizio. Il caso delle telecomunicazioni", in (eds. S. Mariotti, P.G. Torrani) *Le Autorità indipendenti di settore a 10 anni dalla loro istituzione*, Giuffrè, Milano.
- Verganti R., Calderini M., Garrone P., Palmieri S., 2004, *L'impresa dell'innovazione. Gestione strategica dell'innovazione nelle PMI*, Il Sole 24 Ore, Milano
- Calderini M., Garrone P., Sobrero M. (eds), 2003, *Corporate Governance, Market Structure and Innovation*, Edward Elgar, Cheltenham UK.
- Calderini M., Garrone P., 2003, "Market structure and the balance of R&D investments", in (eds. Calderini M., Garrone P., Sobrero M. Calderini) *Corporate Governance, Market Structure and Innovation*, Edward Elgar, Cheltenham UK, 28-44
- Calderini M., Garrone P., 2003, "Mergers and acquisitions and innovation strategies" in (eds. Calderini M., Garrone P., Sobrero M. Calderini) *Corporate Governance, Market Structure and Innovation*, Edward Elgar, Cheltenham UK, 45-64.
- Calderini M., Garrone P., 2003, "Liberalization and the balance of R&D activities: and empirical analysis", in (eds. Calderini M., Garrone P., Sobrero M. Calderini) *Corporate Governance, Market Structure and Innovation*, Edward Elgar, Cheltenham UK, 92-119
- Calderini M., Garrone P., Scellato G., 2003, "The effects of M&As on the innovation performance of acquired companies: an empirical analysis" in (eds. Calderini M., Garrone P., Sobrero M. Calderini) *Corporate Governance, Market Structure and Innovation*, Edward Elgar, Cheltenham UK, 120-140
- Garrone P., Mariotti S. (eds.), 2001, *L'economia digitale*, Il Mulino, Bologna
- Colombo M.G., Garrone P., 2001, "L'ingresso degli operatori tradizionali nei servizi multimediali", In (Garrone P., Mariotti S. eds.), *L'economia digitale*, 149-163, Il Mulino, Bologna
- Calderini M., Garrone P., Mariotti S., 2001, "La promozione della Ricerca e Sviluppo", In (Garrone P., Mariotti S. eds.), *L'economia digitale*, 299-315, Il Mulino, Bologna

- Calderini M., Garrone P., 2001, "L'apertura dei mercati e le attività di Ricerca e Sviluppo", In (Garrone P., Mariotti S. eds.), *L'economia digitale*, 205-228, Il Mulino, Bologna
- Garrone P., Mariotti S., Sgobbi F., 2000, "Il ruolo delle innovazioni maggiori nelle dinamiche innovative di paese: un'analisi empirica", In (Garrone P., Iammarino S. eds.), *Economia della ricerca*, 105-137, Il Mulino, Bologna
- Colombo M.G., Garrone P. e Seri R., 2000, "Firms' Heterogeneity and Dynamics of Entry in a New Sector: An Empirical Analysis of Multimedia Sector", in (eds. Bohlin E., Brodin K., Lundgren A., Thorngren B.) *Convergence in Communications and Beyond*, Elsevier, Amsterdam, NE.
- Colombo M.G., Garrone P., 1998, "A simultaneous equation model of technological agreements and inframural R&D", in (ed. Colombo M.G.) *The Changing Boundaries of the Firm. Explaining evolving inter-firm relations*, Routledge, London, UK.
- Colombo M.G., Garrone P., 1998, "Capabilities in the multimedia regime. The case of telecommunications operators.", in (eds. E.Bohlin, S.L.Levin) *Telecommunications Transformation: Technology, Strategy and Policy*, IOS Press, Amsterdam, NE.
- Colombo M.G., e P.Garrone, 1997, "Common Carriers' Entry into Multimedia", in (eds. D.Elixmann, P.Kürble) *Multimedia - Potentials and Challenges from an Economic Perspectives*, WIK, Bad Honnef, Germania
- Colombo M.G., Garrone P., 1997, "Industrial Organization and Efficiency in Telecommunications Services", in (eds. Baldassarri M., Macchiati A., Piacentino D.) *The Privatization of Public Utilities: the Case of Italy*, MacMillan Press Ltd, Houndmills, Basingstocke, Hampshire, UK
- Colombo M.G., Garrone P., "Infra-muros R&D and Technological Agreements: Empirical Evidence and Policy Implications", in (Polt W. ed.) *Cooperate or Perish: Problems and Benefits in R&D Cooperation*, Edward Elgar Publishing, Cheltenham, UK, 1996

Publications - Work in progress

- Garrone P., Piscitello L., Rotondi V., Scalera V., 2016, "A conceptual note on MNEs, business linkages and indigenous entrepreneurship: Evidence from case studies in Egypt", *Riunione Scientifica Annuale AiIG 2016*
- Garrone, P., Melacini, M., Perego, A., & Sert, S. (2017). "Measuring and reducing food waste along the supply chain: evidence from Italy", XV Triennial Congress of the European Association of Agricultural Economists, Parma, 28/08/2017 - 01/09/2017
- Bartezzaghi, G., Ciccullo F., Garrone, P., Pranlas L., 2018, Born Sustainable, Soon International? An Empirical Analysis of Agri-Food Startups, 5th AIB-CEE Chapter Annual Conference. "International Entrepreneurship as the Bridge between International Economics and International Business". Krakow, 12-14 September 2018, Cracow, Poland

Supervision

PhD students (employer): Angelamaria Groppi (Italian Regulatory Authority for Energy, Networks and the Environment), Riccardo Marzano (University of Rome La Sapienza), Michele Zaccagnino (Bank of Italy), Yan Wang (China Institute of Electronics), Paolo Nardi (Cometa and Unesco-Unevoc), Boris Mrkajic (PwC), Sedef Sert (Tisert), Matilde D'Amelio (Hilti Group)

Final thesis of over 50 MSc students

Service to the Community & the Profession

- 2017-present School of Management, Politecnico di Milano: Executive Board and Coordination of the School activities in the Sustainability area
- 2017-present MOOC “Share food, cut waste” (POK Entrepreneurs without borders, Polimi Open Knowledge MOOCs), Direction; joint initiative with Fondazione Banco Alimentare Onlus
- 2016-present CSR & Social Innovation Fair, Italy: Scientific Board
- 2015-present MOOC “Entrepreneurs without borders” (POK Entrepreneurs without borders, Polimi Open Knowledge MOOCs), Direction; joint initiative with the Entrepreneurship Unit of UNCTAD (United Nations Conference on Trade and Development):
- 2011-present Fondazione Banco Alimentare Onlus, Milano, I: Research and Dissemination Cooperation (see publications); Dissemination activities (lectures; speeches in non-academic conferences with the general public, business enterprises, non-profit organizations, practitioners, policymakers; interviews with media)
- 2007-present Fondazione per la Sussidiarietà, Milano, I: Research Cooperation (see publications); Editorial activity (direction and review of reports); Dissemination activity (lectures; speeches in non-academic conferences with the general public, practitioners, policymakers; interviews with media); Board of Directors (2012-present)
- 2012-present Member of the Board, Fondazione per la Sussidiarietà, Milano, I
- 1995-present Referee of peer-reviewed journals: Food Policy, Energy Economics, Sustainability, British Food Journal, Global Strategy Journal, American Journal of Agricultural Economics, Sustainability, Utilities Policy, Environmental Science and Pollution Research, Information Economics and Policy, International Journal of Industrial Organization, Public Administration, Research Policy, Energy Policy, Telecommunications Policy, L’Industria, Economia e Politica Industriale, Industrial and Corporate Change.

Projects: Contracts and Grants (2000-present)

- 2018-2019 Emerging Africa Innovation Leaders, Training and exposure grant, Italian Agency for Cooperation and Development, Coordinator of the department unit
- 2018- Project Ô: demonstration of planning and technology tools for a circular, integrated and symbiotic use of water, Innovation Grant of the European Commission, No. 776816, H2020 Environment & Resources, Co-Coordinator of the department research unit
- 2017- PerFORM Water 2030, European Regional Development Fund 2014-2020 and the Lombardy Region call "Accordi per la Ricerca e l'Innovazione", Co-Coordinator of the department research unit
- 2015-2018 Surplus food recovery in a metropolitan area (Il recupero delle eccedenze alimentari nel contest della città metropolitana), Research Contract with Assolombarda, Milano, I, Co-Coordinator

- 2015-2017 Environmental costs and water tariffs, Research Grant of the Italian Regulatory Authority for Electricity, Gas and Water, I, Coordinator
- 2014-2016 Young and sustainable entrepreneurship in Egypt for a more inclusive society, Competitive Grant from Polisocial Award 2014, I, Coordinator
- 2014-2015 Wintes – Water Innovation: New Technologies, Environment and Society, HIL Hydro-Informatics Lab, Politecnico di Milano, I, Coordinator
- 2014-2016 Smarth2O: an ICT Platform to leverage on Social Computing for the efficient management of Water Consumption, FP7 Strep Project, European Commission, Coordinator of the department research unit
- 2013-2016 Foodsaving. Social Innovation for Surplus Food Recovery, Competitive Grant from Fondazione Cariplo, Milano, I, Coordinator of PoliMi team
- 2011-2012 Subsidiarity and... livable city (Sussidiarietà e... città abitabile), Research Contract with Fondazione per la Sussidiarietà, Milano, I, Coordinator
- 2010-2012 Feed the Hungry. The Potential of Surplud Food Recovery (Eccedenze alimentari e spreco nella filiera agroalimentare), Research Contract with Fondazione per la Sussidiarietà, Milano, I, Co-Coordinator
- 2009-2011 Liberalization and Citizen Service in Public Utilities (Al servizio dell'utente e della città. Libertà ed efficacia nei servizi pubblici locali), Collaboration with Fondazione per la Sussidiarietà, Milano, I, Coordinator
- 2009 Service Quality in Electricity and Gas Industries (Qualità delle reti tecnologiche locali nei settori dell'energia elettrica e del gas), Research Contract with Fondazione Energylab, Milano, I, Coordinator
- 2009 Public-Private Partnerships in Local Utilities (Partnership pubblico-privato nei servizi locali di interesse economico), Research Contract with Agam-Agcm, Monza, I, Coordinator
- 2008-2009 Short- and Long-Run Models for the Liberalized Electricity Sector (Modelli di breve e lungo termine per il settore elettrico liberalizzato: decisioni di investimento, equilibri di mercato e comportamenti di offerta), Competitive Grant from the Italian University Ministry, I, National Coordinator
- 2008 Investment in Nuclear Power Plants: an Economic Assessment (Valutazione economica degli investimenti in centrali elettronucleari), Research Contract with Fondazione Energylab, Milano, I, Contributor
- 2007 Markets for Communications Services. The User-Provider Relationship Ten Years after Liberalization (Sviluppo del mercato dei servizi di telecomunicazioni. I rapporti tra utenti operatori a dieci anni dalla liberalizzazione), Research Contract with CoReCom Lombardia, Milano, I, Coordinator
- 2006 Assessment of Customer's Costs for Service Quality (Valutazione dei costi sostenuti dai clienti per microinterruzioni), Research Contract with Italian Regulatory Authority for Electricity and Gas, I, Coordinator
- 2006-2007 Investment and Technology Choices in Electricity and Communications Sectors: Models and Methods (Modelli e metodi per l'analisi degli investimenti e delle scelte

- tecnologiche nei settori dell'energia elettrica e delle telecomunicazioni), Competitive Grant from the Italian University Ministry, I, National Coordinator
- 2005 Power Markets and Grid Investment (Mercati elettrici e investimenti in rete di trasmissione), Research Contract with Cesi Ricerche, Milano, I, Coordinator
- 2004 Regulation and Innovation Investments in Telecommunications, Collaboration with IMIT-Institute for Management of Innovation and Technology, Göteborg, SE, Contributor
- 2003 Green Technologies in the Czech Republic, Research Contract with Four Motors of Europe - Regione Lombardia, Coordinator
- 2003 Benchmarking Service Quality in Public Utilities (Benchmarking della qualità dei servizi di pubblica utilità), Research Contract with Irer – Regione Lombardia, Milano, I, Coordinator (Broadband Unit)
- 2002 Vertical Integration and Competition in Communications Services: An Assessment of Service Based Competition (Economie di integrazione e concorrenza effettiva nei servizi di telecomunicazione: un esame dell'efficacia della Service Based Competition), Research Contract with Italian Regulatory Authority for Communications, I, Coordinator
- 2000-2002 M&As and Science and Technology Policy, Research Contract with European Commission - DG Research, Brussels, BE, Contributor
- 2000 Opening Communications Markets to Competition: An Assessment of Conditions (Una valutazione delle condizioni economiche che presiedono il completamento del processo di apertura alla concorrenza dei mercati delle telecomunicazioni), Research Contract with Italian Regulatory Authority for Communications, I, Coordinator

Awards and Honors

Journal of Water Resources Planning and Management, Quentin Martin Best Practice-Oriented Paper Award, co-author of (2018). Assessment of smart-meter-enabled dynamic pricing at utility and river basin scale, February 13, 2019

School of Management Research Impact Prize, Winner for the Category Impact on Policies, for research on “Surplus food management and food waste reduction” with Melacini M. and Perego A., Politecnico di Milano, April 22, 2016

School of Management Research Impact Prize, Winner for the Category Impact on Policies, for research on “Surplus food management and food waste reduction” with Melacini M. and Perego A., Politecnico di Milano, April 22, 2016

AIB US-NE Honorable Mention (Best Student Paper, Academy of International Business US-NE, Frontier Conference 2015), as a coauthor (with D’Amelio, M., Colombo, E., Piscitello, L.) of “Towards Responsible Global Capitalism: Can multinational enterprises make the development of energy sector sustainable in developing countries?”

Expo 2015 Best Practice Award (Expo Milano 2015), as an initiative partner of FIRST AID (Food is a Resource to Secure Tangible Assistance and Inclusion to the Deprived)

CRR Best Paper Award (Corporate Responsibility Research, Conference 2011), as one of the co-author (with Melacini M., Perego A., Pollo M.) of "Food Waste Reduction: Empirical Findings from the Italian Food Supply Chain"

ITS Best Paper Award (International Telecommunications Society, Conference 1994), as the author of "Network Subscription and Services Usage in European Telecommunications Industry"