



This version: July 18, 2020

Curriculum Vitae Europass

Personal information

Name **Andrea Antonio Guido Caragliu**
Address Politecnico di Milano
Piazza Leonardo da Vinci, 32
Building 5
20133 Milan (MI)
Italy
Personal web site <https://sites.google.com/site/andreacaragliu/>
E-mail andrea.caragliu@polimi.it
Citizenship Italian
Sex Male

Professional sector Academic researcher

Professional experience

Dates November 2, 2018-
Job Associate Professor, Regional and Urban Economics
Institution and address Politecnico di Milano
ABC Department
Piazza Leonardo da Vinci 32, 20133 Milan (MI) (Italy)
Industry Higher education

Dates January 1, 2019 – December 31, 2021
Job Executive Director
Institution and address Regional Science Association International
University of Azores, Office 155-156
Rua Capitão João D'Ávila, 9700-042
Angra do Heroísmo, Azores, Portugal
Industry Learned Society

Dates November 2, 2015 – November 1, 2018
Job Assistant Professor, Regional and Urban Economics (With tenure: *Ricercatore TD Senior*)
Institution and address Politecnico di Milano
ABC Department
Piazza Leonardo da Vinci 32, 20133 Milan (MI) (Italy)
Industry Higher education

Dates July 1, 2013 – November 1, 2015
Job Assistant Professor, Regional and Urban Economics (*Ricercatore TD Junior*)
Institution and address Politecnico di Milano
ABC Department
Piazza Leonardo da Vinci 32, 20133 Milan (MI) (Italy)
Industry Higher education

Dates	January 1, 2010 – June 30, 2013
Job	Post-Doc fellow, Research Unit in Regional and Urban Economics
Institution and address	Politecnico di Milano Piazza Leonardo 32, 20133 Milan (MI) (Italy)
Industry	Higher education
Dates	September 29, 2009 – November 29, 2009; February 2, 2008 – July 5, 2008
Job	Visiting student
Activities	Visiting scholar, Spatial Economics Department • Ph.D. in Economics: Second year courses (Regional and Urban Economics, Economics of Urban Transportation) • Independent research
Institution and address	Vrije Universiteit Amsterdam De Boelelaan 1105, 1081 HV Amsterdam (Netherlands)
Industry	Higher education
Dates	April 5, 2004 – December 31, 2006
Job	Economic consultant
Activities	Analysis of the redistributive effects of introducing new economic indicators in the income evaluation process and assessing their impact on the municipality's costs' structure.
Institution and address	Municipality of Alessandria Piazza della Libertà 1, 15121 Alessandria (AL) (Italy)
Industry	Public administration and defense
Dates	July 11, 2001 – October 10, 2001
Job	Internship
Activities	Drawing up of country papers addressed to inform local consultants and allocate unilateral and multilateral donors' funds, by executing data analysis and market research.
Institution and address	INTERNATIONAL TRADE CENTER (ITC) 54-56 rue de Montbrillant, 1211 Geneva (Switzerland)
Industry	International organization

Education

Dates	January 1, 2010 – October 8, 2015
Degree earned	Ph.D. in Spatial Economics
Principal subjects/occupational skills covered	Title of the Final Dissertation: "The economics of proximity: regional growth, beyond geographic proximity"
Name and type of organisation providing education and training	VU University Amsterdam (University) De Boelelaan 1105, 1081 HV Amsterdam (The Netherlands)
Equivalent ISCED level	ISCED 6
Dates	January 1, 2007 – February 25, 2010
Degree earned	Ph.D. in Management, Economics and Industrial Engineering
Principal subjects/occupational skills covered	Advanced econometrics, regional economics, industrial organization. Full Ph.D. scholarship (Scuola Interpolitecnica). Title of the Final Dissertation: "Innovation, territorial capital and regional growth" The dissertation has been awarded the Merit Prize of the Italian Regional Science Association (runner-up for the <i>Giorgio Leonardi</i> Award) and the Merit Prize of the Committee of the Regions of the European Union.
Name and type of organisation providing education and training	Politecnico di Milano (University) Piazza Leonardo 32, 20133 Milan (MI) (Italy)
Equivalent ISCED level	ISCED 6

Dates September 9, 2004 – June 30, 2005
 Degree earned Master of Science in Economics
 Principal subjects/occupational skills covered Quantitative methods, financial economics, advanced macroeconomics, microeconomics and econometrics.
 Name and type of organisation providing education and training Università Commerciale Luigi Bocconi (University)
 Via Sarfatti 25, 20136 Milan (MI) (Italy)
 Equivalent ISCED level ISCED 5

Date September 16, 1997 – March 15, 2003
 Degree earned First degree in Economics
 Principal subjects/occupational skills covered Economic theory and analysis
 Name and type of organisation providing education and training Università Commerciale Luigi Bocconi (University)
 Via Sarfatti 25, 20136 Milan (MI) (Italy)
 Equivalent ISCED level ISCED 5

Personal skills LANGUAGES

Mothertongue **Italian**

Other languages

Evaluation <i>European level</i> (*)	Understanding		Spoken				Written	
	Listening	Reading	Oral interaction		Oral production			
English (#)	C1 Advanced user	C2 Advanced user	C1	Advanced user	C1	Advanced user	C1	Advanced user
Dutch (¥)	B1 Intermediate	B1 Intermediate	B1	Intermediate	B1	Intermediate	B1	Intermediate
German	A1 Elementary	A1 Elementary	A1	Elementary	A1	Elementary	A1	Elementary

(*)*European Languages Common Framework*

(#)*TOEFL 117/120, November 2009.*

(¥)*Profiel Maatschappelijke Taalvaardigheid (PMT), July 2011.*

COMPUTER SKILLS

Good knowledge of Microsoft Windows, Internet Explorer, Microsoft Word/Excel/Power Point, Stata, E-Views, GeoDA and ArcGIS. Knowledge of R, Matlab and VBA.

Publications Special issues edited

1. Caragliu, A., and Del Bo, C. "Smart Cities: past achievements and future challenges", *Scienze regionali –Italian Journal of Regional Science*, 17 (1): February 2018.
2. Capello R., Caragliu A., and Fratesi, U. Special Issue "Advances in regional growth forecasting models", *International Regional Science Review*. 40 (1): January 2017. **2013 WoS Impact Factor: 1.000.**
3. Caragliu A., and Lenzi C. Special Issue "Territorial patterns of innovation: evidence from successful European case studies", *Regional Science Policy and Practice*, 5 (4): November 2013.

Articles on refereed journals

Forthcoming/Online first

- Capello, R. and Caragliu, A. (2020). "Merging macroeconomic and territorial determinants of regional growth: The MASST4 model", *The Annals of Regional Science*, online first. DOI: <https://doi.org/10.1007/s00168-020-01007-0>. **2019 WoS Impact Factor: 1.750.**

2020

- Caragliu, A. (2020). "La funzione dello scienziato regionale in Italia: esternalità positive per tutti?", *Scienze Regionali*, 19 (2):309–314.

2019

- Camagni, R., Capello R, and Caragliu, A. (2019). "Measuring the impact of legal and administrative international barriers on regional growth", *Regional Science Policy and Practice*, 11 (2): 345–366.
- Caragliu, A., and Del Bo, C. (2018). "Smart innovative cities: The impact of Smart City policies on urban innovation", *Technological Forecasting and Social Change*, 142: 373–383. **2017 WoS Impact Factor: 3.129**
- Caragliu, A., Landoni, P., and Sala, A. (2019). "Network contracts and firm performance: Evidence from matching estimates of a regional program impact", *Scienze Regionali –Italian Journal of Regional Science*, 18 (2): June 2019.

2018

- Capello, R., Caragliu, A., and Fratesi, U. (2018). "Breaking down the border: Physical, institutional and cultural obstacles", *Economic Geography*, 94 (5): 485–513. **2017 WoS Impact Factor: 2.735**
- Capello, R., Caragliu, A., and Fratesi, U. "Compensation modes of border effects in cross-border regions", *Journal of Regional Science*, 58 (4): 759–785. **2017 WoS Impact Factor: 1.743.**
- Capello, R., Caragliu, A., and Fratesi, U. "Measuring border effects in European cross-border regions", *Regional Studies*, 52 (7): 986–996. **2016 WoS Impact Factor: 2.780.**
- Caragliu, A., and Del Bo, C. "Much ado about something? An appraisal of European Smart policies", *Tijdschrift voor Economische en Sociale Geografie*, 109 (1): 129–143. **2015 WoS Impact Factor: 0.642.**
- Capello R., and Caragliu, A. "Proximities and the intensity of scientific relations: synergies and non-linearities", *International Regional Science Review*, 41 (1): 7–44. **2014 WoS Impact Factor: 1.182.**
- Caragliu, A., and Del Bo, C. "Smart Cities: is it just a fad?", *Scienze regionali –Italian Journal of Regional Science*, 17 (1): 7–14.
- Caragliu, A., and Del Bo, C. "The economics of Smart City policies", *Scienze regionali –Italian Journal of Regional Science*, 17 (1): .81–104.
- Capello, R., Caragliu, A., and Fratesi, U. (2018). "The regional costs of market size losses in a EU dismembering process", *Papers in Regional Science*, 97 (1): 73–90. **2016 WoS Impact Factor: 1.272.**

2017

- Boscacci, F., Camagni, R., Caragliu, A., Maltese, I., and Mariotti, I. "Collective benefits of an urban transformation: Restoring the Navigli in Milan", *Cities*, 71: 11–18. **2016 WoS Impact Factor: 2.449.**
- Capello R., Caragliu, A., and Fratesi, U. "Advances in regional growth forecasting models: Conceptual challenges and methodological responses", *International Regional Science Review*, 40 (1): 3–11. **2013 WoS Impact Factor: 1.000.**
- Capello R., Caragliu, A., and Fratesi, U. "Modeling regional growth between competitiveness and austerity measures: the MASST3 model", *International Regional Science Review*, 40 (1): 38–74. **2013 WoS Impact Factor: 1.000.**

2016

- Caragliu, A., and Del Bo, C. "Do smart cities invest in smarter policies? Learning from the past, planning for the future", *Social Science Computer Review*, 34 (6): 657–672. **2014 WoS Impact factor: 1.364.**
- Caragliu, A., and Nijkamp, P. "Space and knowledge spillovers in European regions: the impact of different forms of proximity on spatial knowledge diffusion", *Journal of Economic Geography*, 16 (3): 749–774. **5-Year WoS Impact Factor: 3.814.**
- Mirpourian, S., Caragliu, A., Di Maio, G., Landoni, P., and Rusinà, E. (2016). "Determinants of loan repayment performance among borrowers of microfinance institutions: Evidence from India", *World Development Perspectives*, 1: 49–52.
- Caragliu, A., Del Bo, C., Kourtit, K., and Nijkamp, P. "The winner takes it all: Forward-looking cities and urban innovation", *The Annals of Regional Science*, 56 (3): 617–645. **2014 WoS Impact Factor: 0.651.**

- Capello R., and Caragliu, A. "After crisis scenarios for Europe: alternative evolutions of structural adjustments", *Cambridge Journal of Regions, Economy and Society*, 9 (1): 81–101. **2014 WoS Impact factor: 1.148.**
- Camagni, R., Capello R, and Caragliu, A. "Static vs. dynamic agglomeration economies: Spatial context and structural evolution behind urban growth", *Papers in Regional Science*, 95(1): 133–158. **2014 WoS Impact Factor: 1.012.**

Translated in Italian as Camagni, R., Capello R, and Caragliu, A. "Crescita urbana e cambiamento strutturale: il ruolo delle economie di agglomerazione dinamiche", *Scienze Regionali - Italian Journal of Regional Science*, 15 (2): 15-35.

- Capello R., Caragliu, A., and Fratesi, U. "The costs of the economic crisis: which scenario for the European regions?", *Environment and Planning, C*, 34 (1): 113–130. **5-Year WoS Impact Factor: 1.463.**
- Caragliu A., De Dominicis, L., and de Groot, H. "Both Marshall and Jacobs were right!", *Economic Geography*, 92 (1): 87–111. **5-Year WoS Impact Factor: 3.281.**

2015

- Camagni, R., Capello R., Caragliu, A., and Fratesi, U. "Territorial scenarios in Europe: Growth and disparities beyond the economic crisis", *Europa Regional*, 21 (4): 190–208.
- Capello R., Caragliu, A., and Fratesi, U. "Spatial heterogeneity in the costs of the economic crisis in Europe: Are cities sources of regional resilience?", *Journal of Economic Geography*, 15 (5): 951–972. **5-Year WoS Impact Factor: 4.396.**
- Capello R., Caragliu, A., and Fratesi, U. "Global trends and the economic crisis: future alternative European growth strategies", *Technological Forecasting and Social Change*, 98: 120-136. DOI: 10.1016/j.techfore.2015.06.005. **5-Year WoS Impact Factor: 2.405.**
- Camagni, R., Capello R, and Caragliu, A. "The rise of second rank cities: what role for agglomeration economies?", *European Planning Studies*, 23 (6): 1069-1089. **5-Year WoS Impact Factor: 0.952.**

Translated in Italian as "Dinamiche strutturali delle città di primo e secondo rango in Europa: analoghe leggi, elevate specificità", in C. Agnoletti, R. Camagni, S. Iommi, and P. Lattarulo (eds), "Competitività urbana e policentrismo in Europa", Bologna (IT): Il Mulino.

2014

- Camagni, R., Capello R, and Caragliu, A. "Equilibrium vs. optimal city size: evidence from Italian cities", *International Journal of Global Environmental Issues*, 13 (2/3/4): 170-188.
- Caragliu, A., and Nijkamp, P. "Cognitive capital and islands of innovation: the Lucas growth model from a regional perspective", *Regional Studies*, 48 (4): 624-645. **5-Year WoS Impact Factor: 2.212.**

2013

- Caragliu, A., and Lenzi, C. "Territorial patterns of innovation: A structural and a dynamic perspective through European case studies", *Regional Science Policy and Practice*, 5 (4): 369-383.
- Caragliu, A. "Dynamics of knowledge diffusion: the ICT sector in Lombardy", *Regional Science Policy and Practice*, 5 (4): 453-473.
- Camagni, R., Capello R, and Caragliu, A. "One or infinite optimal city sizes? In search of an equilibrium size for cities", *The Annals of Regional Science*, 51 (2): 309-341. **2011 WoS Impact Factor: 1.026**

Translated in Italian as: Camagni, R., Capello R, and Caragliu, A. "Una o infinite dimensioni urbane ottime? Alla ricerca di una dimensione di equilibrio", *Scienze Regionali - Italian Journal of Regional Science*, 12 (3): 53-88.

- Caragliu, A., Del Bo, C., Kourtit, K., Nijkamp, P., e Suzuki, S. "In search of incredible cities by means of super-efficiency data envelopment analysis", *Studies in Regional Science*, 42 (1): 129-144.
- Caragliu, A., Del Bo, C., de Groot, H., e Linders, G.-J. "Cultural determinants of migrations", *The Annals of Regional Science*, 51 (1): 7-32. **2011 WoS Impact Factor: 1.026.**

2012

- Basile, R., Capello, R., and Caragliu, A. "Technological interdependence and regional growth in Europe", *Papers in Regional Science*, 91 (4): 697-722. **5-Year WoS Impact Factor: 1.638.**
- Kourtit, K., Nijkamp, P., Caragliu, A., and Del Bo, C., "Spatial contextual impacts on business performance of Dutch firms", *Regional Statistics - Journal of the Hungarian Central Statistical Office*, 52 (2): 13-26.
- Caragliu, A., and Nijkamp, P. "The impact of regional absorptive capacity on spatial knowledge spillovers", *Applied Economics*, 44 (11): 1363-1374. **5-Year WoS Impact Factor: 0.739.**
- Caragliu, A., and Del Bo, C. "Smartness and European urban performance: assessing the local impacts of smart urban attributes", *Innovation - The European Journal for Social Science Research*, 25 (2): 97-113. **2010 WoS Impact Factor: 0.326.**
- Capello, R., Caragliu, A., and Lenzi, C. "Is innovation in cities a matter of knowledge intensive services? An empirical investigation", *Innovation - The European Journal for Social Science Research*, 25 (2): 147-170. **2010 WoS Impact Factor: 0.326.**

2011

- Caragliu, A., Del Bo, C., Kourtit, K., and Nijkamp, P. "Comparative performance assessment of Smart Cities around the North Sea basin", *Network Industries Quarterly*, 13 (3): 15-17.
- Caragliu, A., Del Bo, C., and Nijkamp, P. "Smart cities in Europe", *Journal of Urban Technology*, 18 (2): 65-82 (2011). **2010 WoS Impact Factor: 0.586.**

Translated in Chinese as "欧洲智慧城市 (Smart cities in Europe)", *城市观察 (Urban Insight)*, 20 (4): 26-44 (trad. S. Chan) (2012).

Reprinted in M. Deakin (ed), "Smart cities: governing, modelling and analysing the transition", Londra (UK): Routledge.

- Caragliu, A., and Del Bo, C. "Determinants of spatial knowledge spillovers in Italian provinces", *Socio-Economic Planning Sciences*, 45 (1): 28-37.
- Capello, R., Caragliu, A., and Nijkamp, P. "Knowledge and social capital: increasing returns in regional growth", *Studies in Regional Science*, 41 (1): 95-116.
- Capello, R., Caragliu, A., and Nijkamp, P. "Territorial capital and regional growth: increasing returns in knowledge use", *Tijdschrift voor economische en sociale geografie*, 102 (4): 385-405. **2010 WoS Impact Factor: 0.802.**

2009

- Caragliu, A., and Nijkamp, P. "Endogenous regional growth: the role of human and cognitive capital", *Studia Regionalia*, 23 (2): 9-23.

Chapters on refereed books

2019

- Caragliu, A., and Del Bo, C. "Do Smart Cities policies work?", in Stefano Della Torre, Bruno Daniotti, Marco Gianninetti (eds), "Digital transformation of the design, construction and management processes of the built environment", Berlin (DE): Springer Verlag, pp. 149-159.
- Camagni, R., Capello, R., and Caragliu, A. (2019). "A Research Programme on Urban Dynamics", in Stefano Della Torre, Sara Cattaneo, Camilla Lenzi, Alessandra Zanelli (eds), "The regeneration of the built environment from a circular economy perspective", Berlin (DE): Springer Verlag, pp. 1-7.
- Capello, R., and Caragliu, A. (2019). "Forecasting regional growth: the MASST model", in Jacek Pokorski, Jacek Szut, Teresa Wyszynska, Zbigniew Mogila, Janusz Zaleski (eds), "The Use of Econometric Modelling in Evaluating the Impact of Public Policies and Programmes", Warsaw (PL): PARP, pp. 85-104.

2015

- Caragliu, A., and Del Bo, C., "Smart Specialization Strategies and Smart Cities: an evidence-based assessment of European Union policies", in K. Kourtit, P. Nijkamp, and R. Stough (eds), "The rise of the city: spatial dynamics in the urban century", pp. 55-84.
- Camagni, R., Capello R, and Caragliu, A. "Agglomeration economies in large versus small cities: similar

laws, high specificities", in K. Kourtit, P. Nijkamp, and R. Stough (eds), *The rise of the city: spatial dynamics in the urban century*, pp.85–113.

- Caragliu, A., Del Bo, C., Kourtit, K., and Nijkamp, P. "Smart Cities", in J. Wright (ed), *Encyclopedia of Behavioural and Human Sciences*, Amsterdam (NL): Elsevier.

2014

- Kourtit, K., Nijkamp, P., Caragliu, A., and Del Bo, C., "Impacts of multi-level spatial capital resources on business performance", in K. Kourtit, P. Nijkamp, and R. Stimson (eds), *Applied regional growth and innovation models*, Berlin (DE): Springer Verlag.

2013

- Capello, R., and Caragliu, A. "Technologically advanced regions", in Capello, R., and Lenzi, C. (eds), *Territorial patterns of innovation: an inquiry on the knowledge economy in European regions*, London (UK): Routledge, pp. 19-42.

2012

- Caragliu, A., and Nijkamp, P. "From islands to hubs of innovation: connecting innovative regions", in Hilpert, U., and Lawton Smith, H. (eds), *Networking regionalised innovative labour markets*, London (UK): Routledge.
- Caragliu, A., Del Bo, C., and Nijkamp, P. "A map of human capital in European cities", in Van Geenhuizen, M. and Nijkamp, P. (eds). *Creative knowledge cities. Myths, visions and realities*, Cheltenham (UK): Edward Elgar.

2011

- Basile, R., Capello, R., and Caragliu, A. "Interregional knowledge spillovers and economic growth: the role of relational proximity", in K. Kourtit et al. (ed), *Drivers of innovation, entrepreneurship and regional dynamics*, (pp. 21-43) Berlino (DE): Springer Verlag, pp. 21-43.
- Caragliu, A., Del Bo, C., Giordano, S., Deakin, M., Kourtit, K., Lombardi, P., and Nijkamp, P. "An advanced Triple-Helix network model for smart cities performance", in O. Yalciner Ercoskun (ed), *Green and ecological technologies for urban planning: creating smart cities*, Hershey (PA): IGI Global.
Reprinted in M. Deakin (ed), *Smart cities: governing, modelling and analysing the transition*, London (UK): Routledge.

2009

- Caragliu, A., and Nijkamp, P. "L'impatto della capacità di assorbimento delle regioni sugli spillover spaziali di conoscenza: una rivisitazione del modello di Cohen e Levinthal", in A. Bramanti and C. Salone (eds), "Lo sviluppo territoriale nell'economia della conoscenza: teorie, attori, strategie", Milan (IT): Franco Angeli.

Book reviews

2020

- Caragliu, A. "Alain Bertaud. Order without design: How markets shape cities", *Environment and Planning B: Urban Analytics and City Science*, online first. DOI: 0.1177/2399808320902312.

2017

- Caragliu, A. "Philip McCann. The regional and urban policies of the European Union", *Environment and Planning B: Urban Analytics and City Science*, 44 (6): 1168–1173.
- Caragliu, A. "Gilles Duranton, J. Vernon Henderson & William C. Strange (eds). Handbook of Regional and Urban Economics, vol. 5", *Tijdschrift voor economische en sociale geografie*, 108 (1): 137–140.

2016

- Caragliu, A. "Peter Nijkamp, Adam Rose, and Karima Kourtit (eds): Regional Science matters. Studies in honor of Walter Isard", *Scienze Regionali - Italian Journal of Regional Science* 15 (3): 123–124.

2015

- Caragliu, A. "Henri L.F. de Groot, Gerard Marlet, Coen Teulings, and Wouter Vermeulen: Cities and the Urban Land Premium", *Regional Studies*, 50 (2): 374–375.

2014

- Caragliu, A. "Michael Weinstock (ed): System city: infrastructure and the space of flows", *Environment and Planning B*, 42 (1): 186-187.

Working papers (not yet published)

- "Determinants of loan repayment performance among borrowers of microfinance institutions: Evidence from India", *SSRN WP 2593158* (with Giorgio Di Maio, Seyedmehrdad Mirpourian, Emanuele Rusinà, and Paolo Landoni)

Conference proceedings

- "Smart cities in Europe", *Proceedings of the 3rd Central European Conference in Regional Science*, pp. 45-59 (joint with Chiara Del Bo and Peter Nijkamp) (invited article).

PROFESSIONAL SERVICE

Abilitazione scientifica Nazionale

13/A4 Economia Applicata: Abilitazione 2016-2018 Prima Fascia (Since 28/11/2017 through 28/11/2023)

13/A4 Economia Applicata: Abilitazione 2012 Seconda Fascia

January 2019 – December 2022

Executive Director, Regional Science Association International

January 2018-Today

Politecnico di Milano: **Deputy Director**, Master's Degree in *Management of Built Environment*

Member and Auditor (2013-2016) of the Italian Association of Regional Science (AISRe); **member of the** European Regional Science Association (ERSA), American Economic Association (AEA); Urban Economics Association (UEA).

Referee for *Acta Geographica Slovenica; Applied Economics; Applied Spatial Analysis and Policy; California Management Review; Cambridge Journal of Regions, Economy and Society; Cities; City, Culture and Society; Competitiveness Review; Economia Politica; Economic Geography; Economic Modelling; Economics of Innovation and New Technologies; Energy Policy; Environment and Planning, A; Environment, Development and Sustainability; European Planning Studies; Geojournal; Growth and Change; Habitat International; Industry & Innovation; International Journal of E-Planning Research; International Journal of Foresight and Innovation Policy; International Journal of Information Technology & Decision Making; International Journal of Knowledge-Based Development; International Journal of Manpower; International Journal of Public Sector Management; International Journal of Sustainable Development; International Regional Science Review; International Review of Administrative Sciences; Journal of Common Market Studies; Journal of Economic Geography; Journal of European Integration; Journal of Evolutionary Economics; Journal of Regional Science; Journal of Urban Technology; Land use policy; Letters in Spatial and Resource Sciences; Natural Hazards and Earth System Sciences; Networks and Spatial Economics; Papers in Regional Science; Portuguese Economic Journal; Regional Science Policy and Practice; Regional Studies; Regional Studies, Regional Science; Scientometrics; Scienze Regionali- The Italian Journal of Regional Science; Socio-Economic Planning Sciences; Spatial Economic Analysis; Studies in Regional Science; Sustainable Cities and Society; Technological Forecasting and Social Change; TeMA; The Annals of Regional Science; Transport Policy; Transportmetrica A; Urban Studies.*

Refereeing activity for research institutions: *Austrian Science Fund, Czech Science Foundation, Estonian Research Council, European Research Council, Israel Science Foundation, Polish National Science Centre.*

Book proposals evaluations: *Elsevier, Routledge.*

Editorial activities

November 2018 – Today

Editor, **Plos ONE**

January 2016 – Today
Book Review Editor, *Papers in Regional Science*

November 2013 – December 2018
Co-Editor, *RSAI Newsletter* (with Graham Clarke)

Editorial board memberships:

- *Investigaciones Regionales/ Journal of Regional Research*
- *Nature: Urban Sustainability*

Special Issues guest-edited on International Journals

With Chiara Del Bo: "Smart Cities: past achievements and future challenges", *Scienze regionali – Italian Journal of Regional Science*, 17 (1): January 2018.

With Roberta Capello and Ugo Fratesi: "Advances in regional growth forecasting models", *International regional Science Review*, 40 (1): January 2017.

With Camilla Lenzi: Special Issue "Territorial patterns of innovation: evidence from successful European case studies", *Regional Science Policy and Practice*, 5 (4): November 2013.

Presentations at scientific conferences and seminars

2019

- 26/02-01/03-2019, Essaouira (MA), 1st Congress on Innovative Territories "De la créativité en ville à la ville créative". **Keynote speech: "The Economics of Smart City policies"**.
- 31/05-01/06-2019, Amsterdam (NL), 9th European Meeting of the Urban Economics Association.
- 27/30-08-2019, Lyon (FR), 59th Congress of the European Regional Science Association "Cities, regions and digital transformations: opportunities, risks and challenges".
- 16/18-09-2019, L'Aquila (IT), XL Annual scientific meeting of the Italian Regional Science Association (AISRe), "Beyond the crises: Renewal, Reconstruction and Local Development".
- 13/16-11-2019, Pittsburgh (PA), 66th Annual North American Meeting of the Regional Science Association International.
- 21/22-11-2019, Milan (IT), New Economic & Statistical Perspectives on Urban & Territorial Themes (NESPUTT) conference. **Keynote speech: "Future Directions in Empirical Urban Economics"**.
- 9/10-12-2019, Krakow (PL), 13th International Evaluation Conference.

2018

- 28/31-08-2018, Cork (IE), 58th Congress of the European Regional Science Association "Places for people: innovative, inclusive and liveable regions".
- 17/19-09-2018, Bolzano (IT), XXXIX Annual scientific meeting of the Italian Regional Science Association (AISRe), "The regions of Europe among local identities, new communities and territorial disparities".
- 7/10-11-2018, San Antonio (TX), 65th Annual North American Meeting of the Regional Science Association International.

2017

- 28/29-06-2017, Liege (BE), Smart City Institute, 21st EMAN Conference "*Sustainability Accounting and Control for Smart Cities*". **Keynote speech: "The Economics of Smart City policies"**.
- 29/08-1/09-2017, Groningen (NL), 57th Congress of the European Regional Science Association "Social progress for resilient regions".
- 20/22-09-2017, Cagliari (IT), XXXVIII Annual scientific meeting of the Italian Regional Science Association (AISRe), "Innovazione, sistemi urbani e crescita regionale. Nuovi percorsi di sviluppo oltre la crisi".

2016

- 20/22-09-2016, Ancona (IT), Faculty of Economics "Giorgio Fuà", XXXVII Annual scientific meeting of the Italian Regional Science Association (AISRe), "*Quali Global? Territori tra identità e integrazione internazionale*".
- 9/13-11-2016, Minneapolis (MN), 63rd North American Meeting of the Regional Science Association International.

2015

- 21-01-2015, Padova (IT), Department of Economics "Marco Fanno", Seminar on "*After crisis scenarios for Europe: Alternative evolutions of structural adjustments*" (invited speaker).
- 15-04-2015, Milan (IT), Chamber of commerce. Conference on "*Le reti d'impresa: crescere per competere*" (invited speaker).
- 14/16-09-2015, Arcavacata di Rende (IT), Università della Calabria, XXXVI Annual scientific meeting of the Italian Regional Science Association (AISRe), "L'Europa e le sue regioni. Disuguaglianze, capitale umano, politiche per la

competitività”.

2014

- 19/20-05-2014, Amsterdam (NL), International Tinbergen Institute Workshop “Real People in Virtual Space” (invited speaker).
- 18/20-06-2014, Paris (FR), Third joint EURA-UAA Congress “City Futures”.
- 11/13-09-2014, Padova (IT), XXXV Annual scientific meeting of the Italian Regional Science Association (AISRe), “Uscire dalla crisi. Città, Comunità e Specializzazione Intelligenti”.
- 12/15-11-2014, Washington (DC), 61st North American Meeting of the Regional Science Association International.

2013

- 27/28-05-2013, Amsterdam (NL), International Tinbergen Institute Workshop “Dynamics in the ‘new urban world’: creativity, culture, economy and governance” (invited speaker).
- 2/3-09-2013, Università di Palermo, XXXIV Annual scientific meeting of the Italian regional Science Association (AISRe), “Crescita economica e reti regionali: nuove industrie e sostenibilità”.
- 28/29-11-2013, Universidad Autonoma de Barcelona (ES), Workshop on Regional and Urban Economics: Agglomeration Economies.

2012

- 07-09-2012, Università di Napoli Federico II, “The wealth of nations – The wealth of cities” (invited speaker).
- 13/15-09-2012, Università di Roma Tor Vergata, XXXIII Annual scientific meeting of the Italian Regional Science Association (AISRe), “Istituzioni, reti territoriali e sistema Paese: la governance delle relazioni locali – nazionali”.
- 09/12-05/2012, Timisoara (RO), 9th World Congress of the Regional Science Association International (RSAI) “Changing spatial patterns in a globalizing world”.
- 7/8-05-2012, Amsterdam (NL), International Tinbergen Institute Workshop “Regional and urban growth: creative minds and commercial spirits” (invited speaker).
- 24/25-01-2012, Paris (FR), International GREMI-T Workshop “Anchorage, sustainability, and 10lobalized10n of innovation: towards new forms of territorialisation of economic activities?” (invited speaker).

2011

- 15/17-09-2011, Università di Torino, XXXII Annual scientific meeting of the Italian Regional Science Association (AISRe), “Il ruolo delle città nell’economia della conoscenza”.
- 30-08/02-09-2011, Universidad Autonoma de Barcelona (ES), 51st Congress of the European regional Science Association (ERSA) “New challenges for European regions and urban areas in a 10lobalized world”.
- 23/24-05-2011, Amsterdam (NL), International Tinbergen Institute Workshop “Innovation, entrepreneurship and regional development” (invited speaker)..

2010

- 20/22-09-2010, Università di Aosta, XXXI Annual scientific meeting of the Italian Regional Science Association (AISRe), “Identità, qualità e competitività territoriale”.
- 17/18-05-2010, Amsterdam (NL), International Tinbergen Institute Workshop “Modelling innovation, entrepreneurship and regional development” (invited speaker).
- 29/30-03/2010, Amsterdam (NL), International Free University Workshop “Migration impact analysis: new horizons” (invited speaker).

2009

- 09/11-09-2009, Università di Firenze, XXX Annual scientific meeting of the Italian Regional Science Association (AISRe), “Federalismo, integrazione europea e crescita regionale”.
- 25/29-08-2009, University of Lodz (PL), 49th Congress of the European Regional Science Association (ERSA) “Territorial cohesion of Europe and integrative planning”.
- 15/16-06-2009, Amsterdam (NL), International Tinbergen Institute Workshop “Creative, intellectual and entrepreneurial resources for regional development” (invited speaker)

2008

- 24/26-09-2008, Politecnico di Bari, XXIX Annual scientific meeting of the Italian Regional Science Association (AISRe), “Conoscenza, sviluppo umano e territorio”.
- 27/31-08-2008, University of Liverpool (UK), 48th Congress of the European Regional Science Association (ERSA) “Culture, cohesion and competitiveness: regional perspectives”.
- 10/11-07-2008, University of the Basque Country, Bilbao (ES), 5th Conference “New developments in economic theory and policy”.
- 30-06/01-07-2008, Amsterdam (NL), International Tinbergen Institute Workshop “Human capital, social capital and creative capital as sources of regional growth” (invited speaker)

2007

- 26/28-09-2007, Università di Bolzano, XXVIII Annual scientific meeting of the Italian Regional Science Association (AISRe), "Lo sviluppo regionale nell'Unione Europea: obiettivi, strategie, politiche".
- 29-08/02-09-2007 Paris (FR), 47th Congress of the European regional Science Association (ERSA) "Local governance and sustainable development".

2006

12/14-10-2006, Università di Pisa, XXVII Annual scientific meeting of the Italian Regional Science Association (AISRe), "Impresa, mercato, lealtà territoriale".

Seminar presentations

Cornell University, Politecnico di Milano, University of Padova, VU University Amsterdam.

Invited talks/Public speaking

2018

- 27-11-2018, Madrid (ES), Ministry of the Economy, "Acto Anual de Política Regional y Fondos Europeos en España".
Keynote speech: "The Economics of Smart City policies".

2017

- 28/29-06-2017, Liege (BE), Smart City Institute, 21st EMAN Conference "Sustainability Accounting and Control for Smart Cities". Keynote speech: "The Economics of Smart City policies".

Teaching and applied research

Teaching

2017-Today

Tools and methods for the economic analysis of the built environment (5 CFU)
Politecnico di Milano - Ph.D. in Architecture, Built Environment and Construction Engineering

2017-today

Module (1 CFU) within the course in Digital mapping and spatial data analysis (5 CFU)
Politecnico di Milano, Ph.D. in Architecture, Built Environment and Construction Engineering

2017 – Today

"Fondamenti di Economia Urbana" (Urban economics) (4 CFU)
Politecnico di Milano
First Degree in Urban Planning (Taught in Italian)

2014-Today

"Economic assessment of urban transformations". Course taught in the Master of Science degree in Management of the Built Environment (9 credits) and Architecture (4 credits) (both taught in English).

2011-2013

"Urban economics", undergraduate course in the Bachelor's Degree in Architecture and Planning (taught in English)

September 2007 –Today

"Investment Appraisal", module taught at the Master Programmes MIT (Master in Open Innovation and Knowledge Transfer) and Fratelli Pesenti, Politecnico di Milano (taught in English)

September 2005-Today

TA for the following courses:

Urban Economics 1;

Urban Economics 2;

Economic assessments of urban transformations and policies;

European urban economics and policies;

Territorial economic analysis.

Applied research

International research activity

Member of the research team on "CE FLOWS – Spatial dynamics and integrated territorial development scenarios for the functional area of Central Europe", ESPON Targeted Analysis Project. Research Unit contract point.

Member of the research team on "European Territorial Reference Framework", ESPON Applied Project. Research Unit contract point.

Member of the research team on "Collecting solid evidence to assess the needs to be addressed by Interreg cross-border cooperation programmes", Framework Contracts Nr 2014CE16BAT010 / 2014CE16BAT011 / 2014CE16BAT012, Service Request Nr. 2015CE160AT044.

Member of the research team on FP7 project "GRINCOH (Growth – Innovation – Competitiveness: Fostering Cohesion in Central and Eastern Europe)". *Research Unit Coordinator.*

Member of the research team on ESPON project 3.2 "Scenarios on the territorial future of Europe".

Member of the research team on ESPON project 4.1.3 Feasibility study on monitoring territorial development based on ESPON key indicators". *Research Unit coordinator.*

Member of the research team on "Knowledge economy, economic transformations and ICT in the EU25+: regional dynamics in the deployment phase", The economic and social research institute, Dublin. *Research Unit coordinator.*

Member of the research team on ESPON Applied Research KIT "Knowledge, Innovation, Territory".

Member of the research team on ESPON Targeted Analysis POLYCE "Metropolisation and Polycentric Development in Central Europe". *Research Unit coordinator.*

Member of the research team on "Smart Cities", Interreg IVB North Sea Region Programme, coordinated by Napier University, Edinburgh (UK). *Research Unit coordinator.*

Member of the research team on ESPON Applied Research ET2050 "Territorial Scenarios and Visions for Europe".

Research activity with Italian entities

Member of the research team on "Le città metropolitane: strategie economico territoriali, vincoli finanziari e rigenerazione circolare", *Bando PRIN 2015*, Politecnico di Milano Research Unit (Project leader). Scientific coordinators: Roberto Camagni-Roberta Capello.

Member of the research team on "Analisi dell'impatto di misure di efficientamento energetico sulla performance d'impresa" funded by RSE - Ricerca sul Sistema Energetico. *Research Unit coordinator.*

Member of the research team on "Sviluppo, competitività e innovazione delle imprese coinvolte nei Contratti di rete", financed by Milan's Chamber of Commerce. Scientific coordinator: Emilio Bartezzaghi.

Italian National Research Council (CNR) fellowship for young researchers, Research program on "Territorial identity as a factor of integration". Title of the winning project "Competitiveness and regional disparities in the EU-27".

Member of the research team on "Human capital and professional competencies in the province of Trento". *Research Unit coordinator.*

Member of the research team on "Macroeconomic territorial scenarios". Report on the role and relative positioning of Lombardy in Italy and Europe in the next 20 years, for the ADAI-Federmanager in Varese.

Member of the research team on "Il Capitale Territoriale: un modello econometrico di competitività delle province italiane", *Bando PRIN 2008*, Politecnico di Milano Research Unit (Project leader). Scientific coordinator: Roberto Camagni.

Other academic activities/ awards

June 2017-Today

Member of the Board of the Ph.D. Programme in Architecture, Built Environment and Construction Engineering
Politecnico di Milano

June 2019

Instructor at the 32nd ERSA Summer School " *Cities and regions in the process of transformation*", Politecnico di Milano, Italy.

Title of the lecture: "*Issues in empirical Urban Economics*"

October 2017

Referee of the year award (*Regional Studies*)

July 2016

Member of the Local organising Committee and instructor at the 29th ERSA Summer School "*Space, Territory and Growth. Advances in Regional Science*", Politecnico di Milano, Italy.

Title of the lecture: "*Different forms of proximity: empirical evidence*"

December 2010

Merit prize of the Committee of the Regions of the European Union for the doctoral thesis competition "Local and regional authorities in the European Union".

June 2010

Diploma of honor (runner-up) in the Giorgio Leonardi Prize for Best Doctoral Dissertation in the academic year 2009-2010 (Italian Association of Regional Science - AISRe).

December 2008

ISAE (Rome)

AISRe Summer School in Spatial Econometrics.

July 2007

Pecs University (HU)

DIMETIC Summer School in Geography of Innovation.

July 2006

Groningen University (NL)

19th ERSA Advanced Summer School in Regional Science

GIS and Spatial Econometrics

December 2004

Graduate Record Examination (GRE)

Quantitative 780/800

Analytical 4.5/6

Verbal 580/800