

CURRICULUM VITAE ET STUDIORUM

Edgardo Sica

CURRENT POSITION

2022-present **Associate Professor** of “Economics” (13/A1 - SECS-P/01) – Dept. of “Economics, Management and Territory” (DEMeT), University of Foggia (Italy)

Tenured position since 01/01/2022

2010-present **Adjunct Professor** of “Economics” – Dept. of Law, “LUISS Guido Carli” University of Rome (Italy)

EDUCATION & QUALIFICATIONS

2016 **Ph.D.** in “Technology and Innovation Management”, SPRU – University of Sussex (UK).

2006 **Ph.D.** in “Economics and Technologies for the Sustainable Development” - Faculty of Economics, University of Foggia (Italy).

2004 **MA** in “Development Economics”, Dept. of Economics, University of Sussex (UK).

2003 **Master** in “Economics and Finance” (MEF), Dept. of Economics and Statistics, “Federico II” University of Naples (Italy).

SELECTED RESEARCH PROJECTS

2022-present **PRIN (Research Plan of National Interest)** Decision-Making in the Age of Emergencies. New Paradigms in Recognition and Protection of Rights [DeMa] 2020M47T9C_001 - ERC Sector SH2 - 36 months - Research Unit: “Bocconi” University (Milan).

2012-2016 **WG4 member** (Technical and Sustainability Assessment/Policy Analysis) of the COST Action TD1203 “Food Waste Valorisation for Sustainable Chemicals, Materials and Fuels” (EUBis).

2012-2015 **External collaborator** for the WP3 (Costs and impacts of environmental crime) and the WP4 (Environmental crime case-studies) of the research project “EFFACE - European Union Action to Fight Environmental Crime” - FP7-SSH-2012-2. “La Sapienza” University of Rome (Italy).

2011-2015 **WP2 leader** (Exchange of Know How and Recruitment) of the research project “STAR-AgroEnergy” (Scientific & Technological Advancement in Research on Agro-Energy: an integrated approach to renewable energy generation according to sustainability criteria) - FP7-REGPOT-2011-1. University of Foggia (Italy).

MAIN SCIENTIFIC ACTIVITIES

2021-present **Member of the scientific board of the Ph.D. School** in Social and Economic Sciences Curriculum “Economics and Development” - “La Sapienza” University of Rome (Italy) (37th, 38th, 39th cycles)

2020-2021 **Research fellowship** from the “Global Economic Policy Institute” - Kyiv National Economic University (Ukraine) on the “Macroeconomic dynamics and public debt sustainability” (01/07/2020 – 31/12/2021)

- 2018-2020 **Visiting Professor** at the “Gdansk University of Technology” - Faculty of Management and Economics (Gdansk, POLAND)
- 2018 **Research fellowship** from the “National University of Life and Environmental Sciences of Ukraine” (UKRAINE) on the “The role of the financial system as a possible driver of technological eco-innovations: a comparative analysis of Ukraine and Italy” (May - September 2018)
- 2016-present Member of the “**Bioeconomy in Transition**” research group (BiT-RG) - IdEA, Unitelma-Sapienza University of Rome (Italy)
- 2014-present Member of the **Sustainability Transitions Research Network (STRN)**
- 2009-present Member of the **Experts Directory** of the “World Association for Sustainable Development” (WASD) <https://www.wasd.org.uk/network/name/edgardo-sica/>

MAIN TEACHING EXPERIENCES

University of Foggia

- 2006-present Microeconomics, Macroeconomics, Principles of Economics, Econometrics, Monetary Economics

“LUISS Guido Carli” University of Rome

- 2011-present Adjunct Professor of Economics (Microeconomics and Macroeconomics)

“La Sapienza” University of Rome

- 2017-2020 Fundamentals of Economics

MAIN INSTITUTIONAL UNIVERSITY ACTIVITIES

- 2011-present **Erasmus Coordinator and Delegate for the Internationalization** Dept. of “Economics, Management and Territory” (DEMeT) - University of Foggia (Italy).
 @ Dept. of “Economics, Management and Territory” (DEMeT) - University of Foggia (Italy) (2020-present)
 @ Dept. of “Economics” - University of Foggia (Italy) (2011-2020)
- 2019-2023 **Deputy Rector** of the University of Foggia (Italy) **for the HRS4R strategy.**

SELECTED CONFERENCES

Participation as invited or key-note speaker

- 2022 11th Istanbul Finance Congress (IFC), 15 December 2022, Istanbul (Turkey) (session chair)
- 1st International Congress on Environment, Energy and Economics, 20-22 October 2022, Giresun (Turkey) (plenary lecture)
- IV International scientific-practical conference “Strategy of innovative development of agrarian formations of Ukraine: analytical and forecasting aspect”, 5-6 October 2022, Kyiv (Ukraine) (plenary lecture)

Participation as speaker

- 2020 International Sustainability Transition conference (IST2020), 18-21 August 2020, online - hosted from Vienna (AUSTRIA)
- 2018 59th Riunione Scientifica Annuale (RSA) - SIE (Società Italiana degli Economisti), 25-27 October 2018, Bologna (ITALY)
- 2014 22nd European Biomass Conference, 23-26 June 2014, Hamburg (GERMANY)
17th World Congress of the International Economic Association, 06-10 June 2014, Dead Sea (JORDAN)
- 2012 7th International Scientific Conference Business and Management, 10-11 May 2012, Vilnius (LITHUANIA)
- 2011 XVI World Congress of the International Economic Association, 04-08 July 2011, Beijing (CHINA)
- 2008 Sixth International Conference of World Association for Sustainable Development (WASD), 27-28 August 2008, Brighton (UK)
XV World Congress of the International Economic Association, 25-30 June 2008, Istanbul (TURKEY)
- 2006 Business and Management Conference 2006, 05-06 October 2006, Vilnius (LITHUANIA)
International Symposium on Economic Theory, Policy and Applications, 21-23 August, Athens (GREECE)

SELECTED PUBLICATIONS

Monographs

1. Pacelli, V. and Sica, E. (2020) "The Economics and Finance of Cultural Heritage: How to Make Tourist Attractions a Regional Economic Resource". **Routledge** ISBN: 9780367894757
2. Pacelli, V. and Sica, E. (2018) "*Economia e finanza degli heritage assets. Come rendere un'attrazione turistica una risorsa economica per il territorio*". **Franco Angeli** ISBN: 9788891780188
3. Sica, E. (2018) "*Firms, Finance and Sustainable Transitions; The financial constraints of eco-innovation companies*" **Edward Elgar** (UK) ISBN: 978 1 78811 181 2

Textbooks

1. Pittiglio, R., Reganati, F., and Sica, E. (2019) "*Macroeconomia: Una Guida Alla Prova Scritta*". **Giappichelli Editore**, Turin (Italy) ISBN: 978-88-921-1935-2
2. Pittiglio, R., Reganati, F., and Sica, E. (2017) "*Microeconomia. Esercizi – Seconda Edizione*". **Giappichelli Editore**, Turin (Italy) ISBN: 978-88-921-6619-6

Articles in class A journals

1. Celi, G. and Sica E. (2023) "Migration, exports and capital: What is the impact of ghettos on local firms?" ***Applied Economics*** DOI: 10.1080/00036846.2023.2211341
2. Celi, G. and Sica E. (2023) "Globalisation and Internal Migration: Evidence from Inter-provincial Mobility in Vietnam". ***Regional Studies, Regional Science*** 10(1): 1-19. DOI: 10.1080/21681376.2022.2155563
3. Corradi, C., Sica, E., and Morone, P. (2023) "What drives electric vehicle adoption? Insights from a systematic review on European transport actors and behaviours". 5, 102908. ***Energy Research & Social Science*** 95, 102908. DOI: 10.1016/j.erss.2022.102908

4. Altınbaş, H., Pacelli, V., and Sica, E. (2022) "An Empirical Assessment of the Contagion Determinants in the Euro Area in a Period of Sovereign Debt Risk". *Italian Economic Journal* 22, 8(2): 339–371 ISSN: 2199-3238 DOI: 10.1007/s40797-021-00147-2
5. Falcone, P.M., Lopolito, A., and Sica, E. (2022) "The role of proximity in sustainability transitions: a technological niche evolution analysis". *Research Policy* 51: 104464 ISSN: 0048-7333 DOI: 10.1016/j.respol.2021.104464
6. Sisto, R., Cappelletti, G.M., Bianchi, P., and Sica, E. (2022) "Sustainable and accessible tourism in natural areas: a participatory approach". *Current Issues in Tourism*, 25(8): 1307–1324 ISSN: 1368-3500 DOI: 10.1080/13683500.2021.1920002
7. Falcone, P.M., Imbert, E., Sica, E., and Morone P. (2021) "Towards a bioenergy transition in Italy? Exploring regional stakeholder perspectives towards the Gela and Porto Marghera biorefineries". *Energy Research & Social Science* 80 (2021) 102238 ISSN: 2214-6296 DOI: 10.1016/j.erss.2021.102238
8. Falcone, P.M., Lopolito, A., and Sica, E. (2019) "Instrument mix for energy transition: a method for policy formulation". *Technological Forecasting and Social Change*, 148, 119706 ISSN: 0040-1625 DOI: 10.1016/j.techfore.2019.07.012
9. Hamulczuk, M., Makarchuk, O., and Sica, E. (2019) "Searching for Market Integration: Evidence from Ukrainian and European Union Rapeseed Markets". *Land Use Policy*, 87, 104078 ISSN: 0264-8377 DOI: 10.1016/j.landusepol.2019.104078
10. Falcone, P.M., Morone, P. and Sica E. (2018) "Greening of the financial system and fuelling a sustainability transition. A discursive approach to assess landscape pressures on the Italian financial system". *Technological Forecasting and Social Change*, 127: 23-37, ISSN: 0040-1625, DOI: 10.1016/j.techfore.2017.05.020
11. Falcone, P.M., Lopolito, A., and Sica E. (2018) "The networking dynamics of the Italian biofuel industry in time of crisis: finding an effective instrument mix for fostering a sustainable energy transition". *Energy Policy*, 112: 334-348, ISSN: 0301-4215, DOI: 1016/j.enpol.2017.10.036
12. Falcone, P.M., Lopolito, A., and Sica E. (2017) "Policy mixes towards sustainability transition in the Italian biofuel sector: dealing with alternative crisis scenarios". *Energy Research & Social Science*, 33: 105-114 ISSN: 2214-6296 DOI: 10.1016/j.erss.2017.09.007
13. Sisto, R., Sica, E., Lombardi, M., Prosperi, M. (2017) "Organic fraction of municipal solid waste valorisation in southern Italy: the stakeholders' contribution to a long-term strategy definition". *Journal of Cleaner production*, 168: 302-310, ISSN: 0959-6526, DOI: 10.1016/j.jclepro.2017.08.186
14. Morone, P., Lopolito, A., Anguilano, D., Sica, E., and Tartiu, V.E. (2016) "Unpacking landscape pressures on socio-technical regimes: Insights on the urban waste management system" *Environmental Innovation and Societal Transitions*, 20: 62–74 ISSN: 2210-4224 DOI: 10.1016/j.eist.2015.10.005
15. Pittiglio, R., Sica, E., and Villa, S. (2009) "Innovation and internationalization: the case of Italy". *The Journal of Technology Transfer*, 34(6): 588–602 ISSN 0892-9912 (print version) DOI: 10.1007/s10961-009-9107-5

Articles in other referred journals

1. Lopolito, A. and Sica, E. (2022) "Public Interventions for Landscape Renewal: An Economic and Political Analysis Based on a Fuzzy Scenario-Building Approach". *Fuzzy economic Review* 27(1): 3-18
2. Lopolito, A. and Sica, E. (2022) "Designing Policy Mixes to Address the World's Worst Devastation of a Rural Landscape Caused by *Xylella* Epidemic". *Land*, 11, 763 ISSN: 2073-445X DOI: 10.3390/land11050763
3. Sica, E., Sisto, R., di Santo, N. (2022) "Are potential tourists willing to pay more for improved accessibility? Preliminary evidence from the Gargano National Park". *Land*, 11, 75 ISSN: 2073-445X DOI: 10.3390/land11010075
4. Sisto, R., Marseglia, A., Sica, E. (2021) "Agri-food Exports and Challenges of Foreign Markets for a Small region: a Network Approach" *Economy of Region (Ekonomika Regiona)*, 17(2): 485-496 ISSN: 2072-6414 DOI: 10.17059/ekon.reg.2021-2-x

5. Sica, E., Sisto, R., Bianchi, P., and Cappelletti, G.M. (2021) "Inclusivity and Responsible Tourism: Designing a Trademark for a National Park Area". *Sustainability*, 13, 13. DOI: 10.3390/su13010013
6. Bianchi, P., Cappelletti, G.M., Mafrolla, E., Sica, E. and Sisto, R. (2020) "Accessible tourism in Natural Park Areas: A Social Network Analysis to discard barriers and provide information for disabled people" *Sustainability*, 12, 9915; DOI: 10.3390/su12239915
7. Sisto, R., Sica, E., and Cappelletti, G.M. (2020) "Drafting the strategy for sustainability in universities: a backcasting approach". *Sustainability*, 12(10), 4288, DOI: 10.3390/su12104288
8. Lopolito, A., Falcone, P.M., Morone, P. and Sica, E. (2020) "A Combined method to model policy interventions for local communities based on people knowledge". *MethodsX*, 7, 100877, ISSN: 2215-0161, DOI: 10.1016/j.mex.2020.100877
9. D'Apollito, E., Iannuzzi, A.P., Sylos Labini, S., and Sica, E. (2019) "Sustainable compensation and performance: an empirical analysis of European banks". *Journal of Financial Management, Markets and Institutions*, 7(1). ISSN: 2282-717X, DOI: 10.1142/S2282717X19400048
10. Shvidanenko, O., Sica, E., and Busarieva, T. (2019) "Creativity as a New Production Factor of the World Economy". *Management Theory and Studies for Rural Business and Infrastructure Development*, 41(1): 127–134, ISSN 2345-0355, 1822-6760, DOI: 10.15544/mts.2019.12
11. Falcone, P.M. and Sica E. (2019) "Assessing the opportunities and challenges of green finance in Italy: An analysis of the biomass production sector". *Sustainability*, 11(2), 517, ISSN: 2071-1050, DOI: 10.3390/su11020517
12. Falcone, P.M. and Sica E. (2018) "Policy pathways for green finance in biomass production: the case of Italy". *Economics and Policy of Energy and the Environment*, 2: 135-149. ISSN: 2280-7659 ISSN: 2280-7667), DOI: 10.3280/EFE2018-002007
13. Pittiglio, R., Reganati, F., and Sica, E. (2016) "Vertical Spillovers from Multinational Enterprises: Does Technological Gap Matter?". *Panoeconomicus*, 63(3): 313-323, ISSN: 2217-2386, DOI: 10.2298/PAN1603313P
14. Sica, E. (2016) "Economic Theories of Eco-Innovations: A Comparison between the Neoclassical and Evolutionary Approaches" *International Journal of Innovation and Sustainable Development*, 10(1): 87-102. ISSN online: 1740-882 ISSN (print): 1740-8822
15. Pittiglio, R., Reganati, F., and Sica, E. (2015) "Do multinational enterprises push up wages of domestic firms in the Italian manufacturing sector?" *The Manchester School*, 83(3): 346–378 (June 2015) ISSN: 1467-9957 (Online) DOI: 10.1111/manc.12076
16. Falcone, P.M. and Sica, E. (2015) "How much does economic crisis affect sustainability transitions? A social network analysis of the Italian biofuel sector" *Economy of Region (Ekonomika Regiona)*, 1: 264-270 ISSN: 2072-6414 DOI: 10.17059/2015-1-23
17. Sica, E. and Susnik, S. (2014) "Geographical dimension and Environmental Kuznets Curve: the case of some less investigated air pollutants" *Applied Economics Letters*, 21(14): 1010–1016 ISSN: 1350-4851 DOI: 10.1080/13504851.2014.904485
18. Imbriani, C., Pittiglio, R., Reganati, F., and Sica, E. (2014) "How much do technological gap, firm size, and regional characteristics matter for the absorptive capacity of Italian enterprises?" *International Advances in Economic Research*, 20(1): 57-72 ISSN: 1083-0898 DOI: 10.1007/s11294-013-9439-7
19. Sica, E. (2014) "Economic Dualism and Air Quality in Italy: Testing the Environmental Kuznets Curve Hypothesis" *International Journal of Environmental Studies*, 71(4): 463-480 ISSN: 0020-7233 (Print), 1029-0400 (Online) DOI:10.1080/00207233.2014.928114
20. Sica, E. and Testa, G. (2009) "Environmental Sustainability and Microfinancial System: What is the Link?" *World Review of Entrepreneurship, Management and Sustainable Development*, 5(3): 244 – 255. ISSN 1746-0573 DOI: 10.1504/WREMSD.2009.026802
21. Reganati, F. and Sica, E. (2007) "Horizontal and Vertical Spillovers from FDI: Evidence from panel Data for the Italian manufacturing sector" *Journal of Business Economics and Management*, 8(4). ISSN: 1611-1699 DOI: 10.1080/16111699.2007.9636178