

# Pasquale Marcello Falcone

## *Curriculum Vitae*

### **CONTACT DETAILS**

Department of Business and Economics  
Parthenope - University of Naples  
Via Generale Parisi, 13 - 80132 Napoli, Italy.  
Email: [pasquale.falcone@uniparthenope.it](mailto:pasquale.falcone@uniparthenope.it)  
Webpage: [www.pmfalcone.eu](http://www.pmfalcone.eu)

### **RESEARCH INTERESTS**

Sustainability Transitions; Environmental and Energy Policy; Waste Management; Bio-economy and Circular Economy.

### **QUALIFICATION AND EDUCATION**

Qualified for the position of Full Professor in *Economic Policy* (13/A2, Italy, November 2020).

Qualified for the position of Associate Professor in *Economic Policy* (13/A2, Italy, October 2019).

Qualified for the position of Associate Professor in *Applied Economics* (13/A4, Italy, October 2018).

2010 – 2014: *PhD in Economics*, University of Foggia. Thesis: “The transition towards a sustainable economy. Assessing the role of regulation and social networks”.

2011 - 2013: *MSc in Economics*, University of Leicester (UK). Thesis: “A model for sustaining a cooperation equilibrium in setting a standard”.

2008 - 2010: *MA in Business Economics*, University of Foggia, Final mark: 110/110 (cum laude). Thesis: “Responsabilità sociale d’impresa e modelli di governance multi-stakeholders”.

2005 - 2008: *BSc in Environmental Economics*, University of Foggia, Final mark: 110/110 (cum laude). Thesis: “Analisi dell’eco-sostenibilità dell’attività di pesca nel golfo di Manfredonia”.

### **EMPLOYMENT**

*Tenured Assistant Professor (RTD-b)* of Economic Policy at Department of Business and Economics, Parthenope University of Naples, November 2019 – present.

*Assistant Professor (RTD-a)* of Economic Policy at Department of Law and Economics, Unitelma Sapienza University of Rome, June 2017 – November 2019.

*Contract Professor* of Economic Policy, Faculty of Integrated Studies with Practice, “Alexander Moisiu University”, Durres (AL), 2016-2017.

*Post-Doc Research Fellow* of Economics at Department of Economics and Social Sciences, Polytechnic University of Marche, September 2015 – Aug 2016.

*Post-Doc Research Fellow* of Economics at Department of Legal, philosophical and economic studies, University of Rome “La Sapienza”, July 2014 – Jun 2015.

### **TEACHING**

*Politica Economica*, Department of Business and Economics, Parthenope University of Naples; Degree: Economia Aziendale, (2020-2021).

*Tourism Policies And Fashion, Art And Food Industries* (English), Department of Business and Economics, Parthenope University of Naples; Degree: Fashion, Art And Food Management, (2020-2021).

*Bioeconomia Circolare*, Department of Law and Economics, Unitelma Sapienza University of Rome; Degree: Economy, Management and Innovation, (2020-2021).

*Innovation, Technology and Sustainability Transition* (English), Department of Law and Economics, Unitelma Sapienza University of Rome; Degree: Economy, Management and Innovation, (2019/2020-2020-2021).

*Politica Economica Comparata*, Department of Business and Economics, Parthenope University of Naples; Degree: Management delle Imprese Internazionali, (2019-2020).

*Economics of Innovation* (English), Department of Law and Economics, Unitelma Sapienza University of Rome; Degree: Economy, Management and Innovation, (2017/2018 - 2018/2019 - 2019/2020).

*Artificial Economics* (English), Department of Law and Economics, Unitelma Sapienza University of Rome; Degree: Economy, Management and Innovation, (2017/2018 - 2018/2019).

*Economia Politica per il Turismo*, Department of Law and Economics, Unitelma Sapienza University of Rome; Degree: Business Economics, (2017/2018 - 2018/2019).

*Economic Policy* (English), Faculty of Integrated Studies with Practice, Alexsander Moisiu University; Degree: Small and Middle-Sized Enterprises Management, (2016/2017).

*Microeconomia* (integrative teaching), Department of Economics and Social Sciences, Polytechnic University of Marche, Degree: Business Economics, (2015/2016 - 2016/2017).

*Economia Politica* (integrative teaching), Department of Law, LUISS "Guido Carli" University, Degree: Law, (2014/2015 - 2015/2016 - 2016/2017 2017/2018 - 2018/2019).

## **RESEARCH PROJECTS**

Member of the H2020 - STAR-ProBio: Sustainability Transition Assessment and Research of Bio-based Products. Grant Agreement no. 727740. In charge of the WP6 "Socio-economic assessment".

Member of the FP7 - SSH – Title: European Union Action to Fight Environmental Crime (EFFACE), Project ID: 320276. Research on WP3 "Quantitative analysis and monetary impact of forest fires" and WP4 "Case study on waste management on the Land of Fires (Campania)".

Member of the FP7 - REGPOT-2011-1 - "Exchange of know-how and recruitment of experienced researchers", project on: Scientific & technological advancement in research on agro-energy: an integrated approach to renewable energy generation according to sustainability criteria (STAR-AgroEnergy), Project ID: 286269

Member of the COST ACTION TD1203, Title: "Food waste valorisation for sustainable chemicals, materials & fuels (EUBis)".

Member of the research group on 2013, 2016, 2017 and 2019 "SVIMEZ Annual Report".

## **EDITORIAL AND PEER REVIEW SERVICE**

*Heliyon* (ELSEVIER – IF: 1.23) - Editorial Board Member

*Sustainability* (MDPI – IF: 2.075) – Special Section Guest Editor "A Sustainable Revolution: Lets Go Sustainable to Get our Globe Cleaner"

*Current Opinion in Green and Sustainable Chemistry* (ELSEVIER – SNIP-IF: 0.227) - Special Section Guest Editor: "New Business models, ethics, legislation and economics"

Aims Energy (AIMS PRESS - IF: 0.49) - Special Section Guest Editor: "Energy transition in a circular economy perspective"

Referee for: Research Policy; Energy Policy; Economic Modeling; Journal of Cleaner Production; Waste Management; Land Use Policy; Technological Forecasting and Social Change; Environmental Innovation and Societal Transition; Energy Research and Social Science; Science of the Total Environment; Energy; Ecology and Environment; The International Journal of Life Cycle Assessment; PLOS ONE; Business Strategy and the Environment; Environment, Development and Sustainability; International Journal of Social Economics; Economic Bulletin; International Journal of Innovation Studies; Journal of Retailing and Consumer Services; Heliyon; Journal of Open Innovation: Technology, Market, and Complexity; Bulletin of Economic Research; Open Agriculture; Aims Energy; Sustainability; Applied Sciences; Environments; Agriculture; Energies; Symmetry; Processes; Mathematics.

"Outstanding Reviewer" award for the "Journal of Cleaner Production" [ELSEVIER - IF: 5.651] - FASCIA A

"Outstanding Reviewer" award for the "Energy Policy" [IF: 4.880]

Referee for the following projects:

- ISF – Israel Science Foundation
- OPEN FNR – Luxembourg National Research Fund
- PROMIS – Science Fund of the Republic of Serbia
- MARSDEN FUND - New Zeland Government

### MEMBERSHIP

Member of the PhD faculty board "MERCATI E ISTITUZIONI PER LO SVILUPPO E L'INNOVAZIONE", Università degli Studi di ROMA "La Sapienza"

Regional Studies Association (RSA)

Sustainability Transitions Research Network (STRN);

Bioeconomy in Transition Research Group (BiT-RG).

### VISITING EXPERIENCE

Universitat Jaume I, Laboratory of Experimental Economics, Castellon de la Plana – Spain, November 2016 – January 2017. Responsible for the scientific Task “tackling food waste through a sharing economy approach” in the context of the University Research Project “New business models to enable the adoption of new circular economy practices” (Ref. 2016/00187).

### PUBLICATIONS

Journal articles:

Exploring regional transitions to bioeconomy using a socio-economic indicator: the case of Italy (with I. D’Adamo, E. Imbert, P. Morone), **Economia Politica**, *in press*, 2021. [IF: 0.655] - FASCIA A

A circular economy model based on biomethane: What are the opportunities for the municipality of Rome and beyond? (with I. D’Adamo, D. Huisingsh, P. Morone), **Renewable Energy**, Vol. 163, 2021. [IF: 5.439]

A Socio-economic Indicator for EoL Strategies for Bio-based Products (with I. D’Adamo, E. Imbert, P. Morone), **Ecological Economics**, Vol. 178, 106794, 2020. [IF: 4.281] - FASCIA A

Environmental regulation and green investments: the role of green finance, **International Journal of Green Economics**, Vol.14(2), 2020. [CiteScore: 0.9]

The economic viability of photovoltaic systems in public buildings: Evidence from Italy (with I. D’Adamo, M. Gastaldi, P. Morone), **Energy**, Vol. 207, 118316, 2020. [IF: 5.747]

A New Socio-economic Indicator to Measure the Performance of Bioeconomy Sectors in Europe (with I. D'Adamo, P. Morone), **Ecological Economics**, Vol. 176, 106724, 2020. [IF: 4.281] - FASCIA A

Survey data for assessing the socio-economic performance of End of Life options of a bio-based product based on expert knowledge (with I. D'Adamo, P. Morone), **Data in Brief**, Vol. 32, 106199, 2020. [CiteScore: 1.5]

Use of Fuzzy Cognitive Maps to Develop Policy Strategies for the Optimization of Municipal Waste Management: A Case Study of the Land of Fires (Italy) (with S.P. De Rosa), **Land Use Policy**, Vol. 96, 104680, 2020. [IF: 3.573] - FASCIA A

A Combined method to model policy interventions for local communities based on people knowledge (with A. Lopolito, P. Morone, E. Sica), **MethodsX**, 100877, 2020. [IF: 3.782]

A sustainable revolution: Let's go sustainable to get our globe cleaner (with I. D'Adamo, M. Martin, P. Rosa), **Sustainability**, Vol.12(11), 2020. [IF: 2.075]

Does a "Financial Transaction Tax" drives out information mirages? An experimental analysis (with A. Morone, P. Morone, S. Nuzzo), **Journal of Economic Interaction and Coordination**, Vol.15(4), 2020. [IF: 1.487]

RES-T trajectories and an integrated SWOT-AHP analysis for biomethane. Policy implications to support a green revolution in European transport (with I. D'Adamo, M. Gastaldi, P. Morone,), **Energy Policy**, 111220, 2020. [IF: 4.880] - FASCIA A

When all seemed lost. A social network analysis of the waste-related environmental movement in Campania, Italy (with G. D'Alisa, A. Germani, P. Morone) **Political Geography**, Vol. 77, 102114, 2020. [IF: 3.058] - FASCIA A

Towards a sustainable forest-based bioeconomy in Italy: Findings from a SWOT analysis (with A. Tani., V.E. Tartiu, C. Imbriani) **Forest Policy and Economics**, 110, 101910, 2020. [IF: 2.496] - FASCIA A

The Role of Earth Observation Satellites in Maximizing Renewable Energy Production: Case Studies Analysis for Renewable Power Plants (with M. Argentiero) **Sustainability**, Vol.12(5), 2020. [IF: 2.075]

Editorial overview: A green and sustainable chemistry world - From aims to practice (with M. Hiete), **Current Opinion in Green and Sustainable Chemistry**, Vol. 19, 2019. [IF: 4.36]

A social analysis of the olive oil sector: The role of family business (with I. D'Adamo, M. Gastaldi, P. Morone), **Resources**, 8(3),151, 2019. [IF: 2.60]

Tackling Uncertainty in the Bio-Based Economy (with E. Imbert), **International Journal of Standardization Research**, Vol. 17(1), 2019. [SNIP- IF: 0.190]

Exploring green and sustainable chemistry in the context of sustainability transition: The role of visions and policy (with M. Hiete), **Current opinion in Current Opinion in Green and Sustainable Chemistry**, Vol. 19, 2019. [IF: 4.36]

Food waste valorisation: Assessing the effectiveness of collaborative research networks through the lenses of a COST action (with P. Morone and V. Tartiu), **Journal of Cleaner Production**, Vol. 238, 117868, 2019. [IF: 6.395] - FASCIA A

Instrument mix for energy transition: a method for policy formulation (with A. Lopolito and E. Sica), **Technological Forecasting & Social Change**, Vol. 148, 119706, 2019. [IF: 3.815] - FASCIA A

A socio-economic analysis of biomethane in the transport sector: The case of Italy (with I. D'Adamo and F. Ferella), **Waste Management**, Vol. 75, 2019. [IF: 5.431] - FASCIA A

Tourism-Based Circular Economy in Salento (South Italy): A SWOT-ANP Analysis, **Social Sciences**, Vol 8(216), 2019 [SNIP- IF: 0.521]

Price analysis of extra virgin olive oil (with I. D'Adamo and M. Gastaldi), **British Food Journal**, Vol 121(8), 2019 [IF: 1.583]

Transitioning towards bioeconomy: assessing the social dimension through the lenses of the stakeholders (with S. González García, E. Imbert, L. Lijó, M.T. Moreira, A. Tani, V.E. Tartiu, P. Morone), **Corporate Social Responsibility and Environmental Management**, 2019. [IF: 5.513] - FASCIA A

Assessing the Opportunities and Challenges of Green Finance in Italy: An Analysis of the Biomass Production Sector (with

E. Sica), **Sustainability**, Vol. 11, 517, 2019. [IF: 2.075]

How to promote a new and sustainable food consumption model: A fuzzy cognitive map study (with P. Morone and A. Lopolito), **Journal of Cleaner Production**, Vol. 208, 2019. [IF: 6.395] - FASCIA A

Policy pathways for green finance in biomass production: the case of Italy (with E. Sica), **Economics and Policy of Energy and the Environment**, Vol. 2, 2018. [IF: 0.135]

Green investment strategies and bank-firm relationship: A firm-level analysis, **Economics Bulletin**, Vol. 28 (4), 2018. [SNIP- IF: 0.355]

Analyzing stakeholders' perspectives towards of a socio-technical change: the energy transition journey in Gela Municipality, **AIMS Energy**, Vol. 6(4), 2018. [IF: 0.49]

Social Life Cycle Approach as a Tool for Promoting the Market Uptake of Bio-Based Products from a Consumer Perspective (with E. Imbert), **Sustainability**, Vol. 10, 2018. [IF: 2.075]

Does food sharing lead to food waste reduction? An experimental analysis to assess challenges and opportunities of a new consumption model (with P. Morone, E. Imbert, A. Morone), **Journal of Cleaner Production**, Vol. 185, 2018. [IF: 6.395] - FASCIA A

Greening of the financial system and fuelling a sustainability transition A discursive approach to assess landscape pressures on the Italian financial system (with P. Morone, E. Sica), **Technological Forecasting & Social Change**, Vol. 127, 2018. [IF: 3.815] - FASCIA A

The networking dynamics of the Italian biofuel industry in time of crisis: Finding an effective instrument mix for fostering a sustainable energy transition (with A. Lopolito, E. Sica), **Energy Policy**, Vol. 112, 2018. [IF: 4.880] - FASCIA A

Policy mixes towards sustainability transition in the Italian biofuel sector: dealing with alternative crisis scenarios (with A. Lopolito, E. Sica), **Energy Research and Social Science**, Vol. 33, 2017. [IF: 5.525] - FASCIA A

Political ecology of health in the Land of Fires: a hotspot of environmental crimes in the south of Italy (with G. D'alisa, A. Germani, P. Morone), **Journal of Political Ecology**, Vol. 24, 2017. [SNIP- IF: 1.438] - FASCIA A

La bioeconomia in Italia: sfide per la politica industriale ed opportunità di sviluppo per il Mezzogiorno (with E. Imbert), **Rivista Economica del Mezzogiorno**, Vol. 4, 2016.

How much does economic crisis affect sustainability transitions? A social network analysis of the Italian biofuel sector (with E. Sica), **Economy of Region**, Vol. 1. No.1, 2015. [SNIP- IF: 1.269]

Assessing the potential of biowaste for bioplastics production through Social Network Analysis (with P. Morone, V. Tartiu), **Journal of Cleaner Production**, Volume 90, 1, 2015. [IF: 6.395] - FASCIA A

Sustainability Transition: a survey of an emerging field of research, **Environmental Management and Sustainable Development**, Vol. 3, No. 2, 2014.

Collusion in a differentiated market and environmental network externality, **Review of European Studies**, Vol. 6, No. 3, 2014.

Farmers' Intention towards Energy Crops Adoption under Alternative Common Agricultural Policy. An Empirical Analysis in Andalusia (Spain) (with G. Giannoccaro, A. Barbuto, A. Baselice), **Journal of Business and Economics**, Vol. 5, No. 6, 2014.

Quantitative Analysis of the Fishing Activity in the Gulf of Manfredonia (Gargano, South-Italy) (with L. Grilli), **Journal of Environmental Protection**, Vol. 1, No. 2, 2010.

#### Edited book:

A Sustainable Revolution: Let Us Go Sustainable to Get Our Globe Cleaner (with I. D'Adamo, M. Martin, P. Rosa), MDPI; under CC BY-NC-ND license, pp. 368, July 2020.

Chapters in edited books:

Social Assessment, in *Transition Towards a Sustainable Biobased Economy*, Royal Society of Chemistry, 2020.

Bringing a sharing economy approach into the food sector: the potential of food sharing for reducing food waste, in *Food Waste Reduction and Valorisation: Sustainability Assessment and Policy Analysis*, Springer, 2017.

Victims in the 'Land of Fires': Illegal Waste Disposal in the Campania region – Italy, in *Fighting Environmental Crime in Europe and Beyond: The Role of the EU and its Member States*, Palgrave Macmillan Publishers, 2016.

Analisi Economica dei costi della distruzione di merci illegali e sicurezza nazionale, volume: "Il procedimento di distruzione delle merci illegali o contraffatte", pubblicazione del DiGEF, La Sapienza Università di Roma, 2013.

Research reports:

La bioeconomia e l'economia circolare: un'opportunità di crescita delle imprese del Mezzogiorno "Indicatori Socio-Economici delle Regioni Meridionali", Report SVIMEZ 2019 on South Italy Economy, Bologna: Il Mulino, 2019.

Recenti sviluppi della bioeconomia in Italia: un driver di sviluppo per il Mezzogiorno?, Report SVIMEZ 2017 on South Italy Economy, Bologna: Il Mulino, 2017.

La Bioeconomia in Italia: rischi e opportunità per il mezzogiorno, Report SVIMEZ 2016 on South Italy Economy, Bologna: Il Mulino, 2016.

L'ambiente in uno sviluppo economico duale, SVIMEZ 2013 on South Italy Economy, Bologna: Il Mulino, 2013.

**PRESENTATIONS AT INTERNATIONAL CONFERENCES**

Paper presented: Network configurations of the niche evolution, 11th International Sustainability Transitions Conference, 18-21 August 2020, on line event hosted by Vienna University of Economics and Business, Vienna, Austria.

Paper presented: Assessing local community attitude towards energy transition: The case of Porto Marghera and Gela, Regional Studies Association Winter Conference, 14th – 15th November 2019, London, England.

Paper presented: Tackling uncertainty in the bio-based economy, 24th EURAS Annual Standardisation Conference: Standards for a Bio-Based Economy, 13 -15 June 2019, LUISS Guido Carli University of Rome, Rome, Italy.

Paper presented: Assessing the transition towards bioeconomy through a socio-economic indicator, SFER 2019 Symposium - The bioeconomy: organisation, innovation, sustainability and territory, 4-5 June 2019, Neoma Business School, Reims - France

Paper presented: Transitioning towards bioeconomy: assessing the social dimension through the lenses of the stakeholders, 6th International Social Life Cycle Conference, 10-12 September 2018, Università degli Studi G. D'annunzio, Pescara - Italy.

Paper presented: Untangling the different shades of green of the Italian forest-based sector towards a sustainable energy transition, 9th International Sustainability Transitions Conference, 12-14 June 2018, University of Manchester, England.

Paper presented: Learning in the transition towards a circular bio-economy. A discourse approach to assess the social dimension of the bio-economy in Italy, Conference on "The Circular Economy: Transitioning to Sustainability?", 11 July 2017, Coventry University, TechnoCentre, England.

Paper presented: Reducing food waste at consumer level: an experiment on food sharing, International conference on "The future of food waste: challenges and opportunities for valorisation in Europe." COST Action TD1203, 20-21 September 2016

Paper presented: Assessing the feedstock supply of cereal straw for energy purposes: a farmer's stated preference

approach, 22nd European Biomass Conference and Exhibition 2014, 24-27 June 2014, Hamburg, Germany.

Paper presented: The impact of financial constraints on biomass production: a firm level data analysis, 22nd European Biomass Conference and Exhibition 2014, 24-27 June 2014, Hamburg, Germany.

Paper presented: Going 'doubly green': bioplastic technological niche and food-waste valorisation – a social network analysis, 11th Wageningen International Conference on Chain and Network Management: Sustainability and Innovation in Chains and Networks, 4th - 6th of June 2014, Isle of Capri, Naples, Italy

Paper presented: Assessing the policy role in adopting energy crops. An empirical research among Spanish farmers, 21st European Biomass Conference and Exhibition 2013, 3-7 June 2013, Copenhagen, Denmark.

Paper presented: Social Network Analysis of the bio-based products market. A focus on the bio-waste valorisation. Evidences from Italy, 18th Annual Workshop on the Economic Science with Heterogeneous Interacting Agents June 20-22, 2013 Reykjavik University, Iceland.

Paper presented: Economic Crisis and Sociotechnical Transitions: The case of the Italian biofuel industry, 3rd European Business Research Conference 4 - 5 September 2014, Sheraton Roma, Rome, Italy.

#### BIBLIOMETRIC AND NON-BIBLIOMETRIC INFORMATION (retrieved on 12<sup>th</sup> September, 2021)

ASN INDICATORS 13-A (2015 – 2020)	SCOPUS (2015 – 2020)	GOOGLE SCHOLAR (2014 – 2020)
# of scientific contributions: 63	# of publications: 46	# of publications: 63
# of FASCIA A articles: 21	# of citations: 760	# of citations: 1058
# of book: 1	h-index:19	h-index: 22

Il sottoscritto, PASQUALE MARCELLO FALCONE, consapevole che le dichiarazioni false comportano l'applicazione delle sanzioni penali previste dall'art. 76 del D.P.R. 445/2000, dichiara che le informazioni riportate nel seguente curriculum vitae corrispondono a verità:

12-09-2021.

Pasquale Marcello Falcone