

CURRICULUM VITAE



PERSONAL INFORMATION

Name **D'Adamo Idiano**
Home address
Mobile Phone
E-mail
Nationality
Date of birth

WORK EXPERIENCE

Date (da-a) March 2020 – in progress
Name of employer **Sapienza University of Rome**, Department of Computer, Control and Management Engineering
Type of business or sector Public Body
Occupation or position held Associate Professor
Main activities and responsibilities Teaching, Research, Projects

Date (da-a) April 2019 – January 2020
Name of employer **Unitelma Sapienza – University of Rome**
Type of business or sector Public Body
Occupation or position held Post-Doctoral Research Fellow
Main activities and responsibilities Research project Horizon 2020 “StarProBio”

Date (da-a) November 2018 – March 2019
Name of employer **University of L'Aquila**, Department of Industrial Engineering and Information and Economics
Type of business or sector Public Body
Occupation or position held Consultant
Main activities and responsibilities **Natural gas and biomethane, excellence for sustainability and new opportunities for transport**

Date (da-a) November 2016 – October 2017
Name of employer **University of L'Aquila**, Department of Industrial Engineering and Information and Economics
Type of business or sector Public Body
Occupation or position held Post-Doctoral Research Fellow
Main activities and responsibilities **Renewable energy and environment: from coinciding interests to conflicting interests**

Dates (from- to) September 2014 – October 2014
Name of employer **University of L'Aquila**, Department of Industrial Engineering and Information and Economics
Type of business or sector Public Body
Occupation or position held Consultant
Main activities and responsibilities **Scenario analysis: logistic and management aspects and industrial impacts for a port area**

Dates (from- to) June 2014 – September 2014
Name of employer **Politecnico di Milano**, Department of Management Economics and Industrial Engineering - Energy & Strategy Group, Milano, Italy
Type of business or sector Public Body
Occupation or position held Post-Doctoral Research Fellow
Main activities and responsibilities **Evaluation of energy efficiency in Public sector**

Dates (from- to) December 2013 – February 2014
Name of employer **RSE – Ricerca Sistema Energetico**, Milano
Type of business or sector Public Body
Occupation or position held Consultant
Main activities and responsibilities **Economic analysis of the recovery process of strategic materials**

Dates (from- to)	October 2013-June 2014
Name of employer	Italian National Research Council , Institute of industrial technologies and automation, Milano, Italy
Type of business or sector	Public Body
Occupation or position held	Post-Doctoral Research Fellow
Main activities and responsibilities	Research project on End of Life strategies (remanufacturing and recycling of printed circuit boards); participation to European research projects
Dates (from- to)	January 2013-February 2013
Name of employer	Althesys Srl , Milano, Italy
Type of business or sector	Strategy advice
Occupation or position held	Consultant
Main activities and responsibilities	Research project on Biomethane
Dates (from- to)	November 2008-March 2012
Name of employer	University of L'Aquila , Department of Electric Engineering and Information, Italy
Type of business or sector	Public Body
Occupation or position held	PhD
Main activities and responsibilities	Research project on Renewable Energy (Sustainability of photovoltaic, Portfolio of renewable energy, Sustainability of waste to energy plant) and Assistant professor
Dates (from- to)	May 2010-July 2010
Name of employer	University of Sheffield , Logistics and Supply Chain Management (LSCM) Research Centre United Kingdom
Type of business or sector	Public Body
Occupation or position held	PhD
Main activities and responsibilities	Research project on Renewable Energy
Dates (from- to)	March 2010 - April 2010
Name of employer	Abalog S.r.l. , Montesilvano, Italy
Type of business or sector	Business advice
Occupation or position held	Consultant
Main activities and responsibilities	Study of the size of a distribution center
Dates (from- to)	September 2007 – October 2007
Name of employer	Province of Chieti , Chieti, Italy
Type of business or sector	Public Body
Occupation or position held	Stage of second level thesis
Main activities and responsibilities	Highway project management
Dates (from- to)	November 2005 – January 2006
Name of employer	Oleificio Andreini S.r.l. , Vasto, Italy
Type of business or sector	Olive (oil)
Occupation or position held	Management plan for the activity
Main activities and responsibilities	Human, technical and financial resources management; Relationship with customers and suppliers
Dates (from- to)	September 2005 – October 2005
Name of employer	Puccioni S.p.A. , Vasto, Italy
Type of business or sector	Fertilizers
Occupation or position held	Stage of first level thesis
Main activities and responsibilities	Maintenance function

SCHOOL EDUCATION, DEGREE

Period	2008-2011
Name and type of organization	University of L'Aquila, Department of Electrical and Information Engineering
Thesis title	Photovoltaic systems and plants with energy recovery: assessments and proposals for sustainable development
Title of qualification awarded	PhD in Electrical and Information Engineering - ING-IND35
Period	2005–07
Name and type of organization	Faculty of Engineering, address Management – degree of 2°level, University of L'Aquila
Thesis title	Strategic Analysis of road Infrastructure: assessment of a project with the method of real options
Title of qualification awarded	Degree of second level with final marks of 110/110 cum laude
Period	2002 – 05
Name and type of organization	Faculty of Engineering, address Management – degree of 1°level, University of L'Aquila
Thesis title	The reorganization of the maintenance functions in a producer of fertilizers: case Puccioni S.p.A.
Title of qualification awarded	Degree of first level with final marks of 103/110
Period	1997 – 2002
Name and type of organization	Liceo Scientifico R.Mattioli, Vasto (CH)
Title of qualification awarded	Baccalaureate scientific with final marks of 95/100

PERSONAL SKILLS AND COMPETENCE

Language Knowledge	Italian (mother tongue) English (level B1 obtained at Brunel University in London Uxbridge; grade 6 obtained with Trinity International Examination Board)
Reading skills	Enough
Writing skills	Enough
Verbal skills	Enough
Relational skills	Collaboration as journalist with agency Vespina Football, swimming
Organizational skills	Volunteer activities in old people's home
Informatic Knowledge	Internet, Microsoft Office Software: Arena, Crystal Ball, Gabi 4, Simatic, Pvsyst4, RiskOptimizer
Registration Engineer's order	Registration with the Order of Engineers of the Province of Chieti - Section A – Industrial Sector - 10.11.2008 – n.1870 Italian state exam to obtain the professional qualification to practice as an engineer in University of L'Aquila
Driving license	Type B

SCIENTIFIC PRODUCTION

Research areas	Sector 09-B3 Engineering Economics and Management Sustainability, Renewable Energy Management, Waste Management, Circular economy
Threshold values	Documents: 154 Total citations: 6223 h-index: 48

Awards

Idiano is among Top 2% Global Scientists in 2022 provided by Elsevier Data Repository. In particular, the ranking places Idiano in position number 18929, and first two topics of reference are "Energy" and "Environmental Sciences" doi: 10.17632/btchxktzyw.6

Idiano D'Adamo is ranked 16 in Italy among World's Rising Stars of Science in 2022 provided by Research.com, <https://research.com/scientists-rankings/rising-stars>

Idiano is among Top 2% Global Scientists in 2021 provided by Mendeley Data. In particular, the ranking places Idiano in position number 22080, and first two topics of reference are "Energy" and "Environmental Sciences" doi: 10.17632/btchxktzyw.4

Idiano is among Top 2% Global Scientists in 2020 provided by Mendeley Data. In particular, the ranking places Idiano in position number 35489 and first two topics of reference are "Energy" and "Environmental Sciences", doi: 10.17632/btchxktzyw.3

Idiano is among Top 2% Global Scientists in 2019 provided by the journal Plos Biology "Updated science-wide author databases of standardized citation indicators". In particular, the ranking places Idiano in position number 55970 and first two topics of reference are "Energy" and "Environmental Sciences", <https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918>

The work "Recycling of WEEEs: an economic assessment of present and future e-waste streams" is classified by Web of Science as "Highly Cited Paper", 2019.

Excellence in Review Awards – Top Reviewer nominated by the journal Waste Management, 2017

"Biomethane: A resource to make sustainable transport sector" has been chosen as cover story of Resources vol.6 n.4 December 2017

The work "Recycling of WEEEs: an economic assessment of present and future e-waste streams" is classified by Web of Science as "Hot Paper", September-October 2017.

The work "Recycling of WEEEs: an economic assessment of present and future e-waste streams" is classified by Web of Science as "Highly Cited Paper", September-October 2017.

Key-scientific article proposed by Renewable Energy Global Innovations for the work "Photovoltaic Energy Systems with Battery Storage for Residential Areas: An Economic Analysis", March 2017

Key-scientific article proposed by Science Environment Policy-European Commission for the work "Economic incentives for bringing e-waste into the circular economy", 12 November 2015, Issue 435.

Winner of Elsevier Atlas Award with the paper "Recycling of WEEEs: an economic assessment of present and future e-waste streams", August 2015

Highly Commended Award for the paper "A photovoltaic system in a residential building: environmental and economic optimization analysis". 8th International Conference on Supply Chain Management and Information Systems, 6-8 Ottobre 2010, Hong Kong, Cina.

Winner of National award Thesis Public Administration organized by Consortium Nuova PA with the thesis: "Strategic Analysis of road Infrastructure: assessment of a project with the method of real options", 2009

European project

Co-author and responsible for WP6 Poster within the WPs Key Results of the Horizon 2020 Research Project "Star ProBio: Sustainability Transition Assessment and Research of Bio-based Products". Grant Agreement Number 727740

Scientific responsibility of Task 6.4 "Development of social and socio-economic criteria and indicators for end-of life analysis" of the Horizon 2020 Research Project "Star ProBio: Sustainability Transition Assessment and Research of Bio-based Products". Grant Agreement Number 727740

Scientific responsibility for the validation of the sustainable assessment model DYCTA developed within the Life Research Project "Force of the Future" code: LIFE16 ENV/IT/000307.

Co-author "D6.5: Actions to promote social acceptance" - Research project Horizon 2020 "Star ProBio" Grant Agreement Number 727740, Unitelma-Sapienza, 2019

Co-author "D6.4: Report on end-of-life social and socio-economic assessment" – Research project Horizon 2020 "Star ProBio" Grant Agreement Number 727740, Unitelma-Sapienza, 2019

Co-author "D5.2: Results of the experiment / Case study" – Research project Horizon 2020 "Star ProBio" Grant Agreement Number 727740, Unitelma-Sapienza, 2019

Co-author "Explore project D1.1: Report on the innovation domains to be dealt in the EXPLORE project", CNR-ITIA, 2013

National project

"WEEE ReFlex: WP1. Definition of the recycling strategy under uncertainty", CNR-ITIA, 2014

"FIDEAS - Task 1.1. Market analysis and decision support system for End of Life strategies", CNR-ITIA, 2014

Professional experiences

Member of the research group on the Svimez Report on the Economy of Southern Italy 2019 led by Dr. Luca Bianchi and Prof. Amedeo Lepore and co-author of the chapter "The bioeconomy and the circular economy: an opportunity for the growth of enterprises in Southern Italy", 2019

Co-managing studies and research on bioeconomy and circular economy within the Association for the Development of Industry in Southern Italy (SVIMEZ) as an expert on these issues. 2020

Co-managing studies and researches on the role of renewable energies, and in particular photovoltaics, applied to the Italian context together with Prof. Piergiuseppe Morone, economic advisor to the Minister of Environment. These studies and research are conducted as part of the activities of the "Study Group on Circular Bioeconomy" (coordinated by Prof. Morone) established by Ministerial Decree 0000071 of 26/03/2020 within the Committee for Bioeconomy and Sustainable Taxation. 2020

Member of the committee for the appointment of a manager of Division IV "Renewables, energy efficiency and alternative energy" of the Directorate General for Climate, Energy and Air (CLEA) at the Ministry of Environment. 2021

National observatory

Energy & Strategy Group "Smart grid report – Le prospettive di sviluppo delle Energy community in Italia", 2014.

A.Marangoni, I.D'Adamo, P.Mattirolo "Il biometano. Potenzialità, economics e prospettive di sviluppo", 2013

Editor

Editorial board member for the section "Social Economics" of Social Sciences (ISSN 2076-0760) – (SCOPUS), April 2018-October 2019

Editorial board member of Sustainability (ISSN 2071-1050) – (SCOPUS-WOS), October 2019-June 2021

Associate Editor of Sustainability (ISSN 2071-1050) – (SCOPUS-WOS), July 2021-November 2021

Editorial board member of Energies (ISSN 1996-1073) – (SCOPUS-WOS), July 2020-current

Associate Editor *Frontiers in Sustainability* (ISSN 2673-4524), July 2020-current

Editorial board member of *International Journal of Energy Economics and Policy* (ISSN 2146-4553), September 2020-current

Guest Editor of Special Issue "Adopting Circular Economy Current Practices and Future Perspectives" published on *Social Sciences* (ISSN 2076-0760) – (SCOPUS), May 2018 – June 2019

Guest Editor of Special Issue "A Sustainable Revolution: Let's Go Sustainable to Get our Globe Cleaner" published on *Sustainability* (ISSN 2071-1050) – (SCOPUS-WOS), February 2019 – March 2020

Guest Editor of Special Issue "Assessment of Socio-Economic Sustainability and Resilience after COVID-19" published on *Sustainability* (ISSN 2071-1050) – (SCOPUS-WOS), June 2020 – June 2021

Guest Editor of Special Issue "What is a waste? A potential resource to favor a sustainable transition. Evidence from the practice" published on *Frontiers in Sustainability* (ISSN 2673-4524), July 2020-October 2021

Guest Editor of Special Issue "Flexibility Approaches for Addressing Sustainable Development Goals" published on *Global Journal of Flexible Systems Management* (ISSN 0972-2696), September 2020-June 2021

Guest Editor of Special Issue "Green, Circular and Bioeconomy Practices and Strategies" published on *Journal of Cleaner Production* (ISSN 0959-6526) – (SCOPUS-WOS), December 2020-February 2022

Guest Editor of Special Issue "Green, Circular and Bioeconomy Practices and Strategies" published on *Data In Brief* (ISSN 2352-3409) – (SCOPUS-WOS), August 2021-February 2022

Guest Editor of Special Issue "Green, Circular and Bioeconomy Practices and Strategies" published on *MethodsX* (ISSN: 2215-0161) – (SCOPUS-WOS), August 2021-February 2022

Guest Editor of Special Issue "Circular Economy as a Driver for Achieving Sustainable Production and Consumption" published on *Sustainable Production and Consumption* (ISSN 2352-5509) – (SCOPUS-WOS), September 2021 – July 2022

Guest Editor of Special Issue "Looking beyond Sustainability: Selected Papers from the 9th World Sustainability Forum (WSF 2021)" published on *Sustainability* (ISSN 2071-1050) – (SCOPUS-WOS), September 2021 – August 2022

Guest Editor of Special Issue "5th International Conference on Alternative Fuels, Energy and Environment (ICAFEE 2021)" published on *Waste and Biomass Valorization* (ISSN 1877-2641) – (SCOPUS-WOS). September 2021 – February 2022

Guest Editor of Special Issue "Promoting sustainable chemistry for a circular fashion Industry: the role of consumers, producers and policy makers" published on *Current Opinion in Green and Sustainable Chemistry* (ISSN 2452-2236) – (SCOPUS-WOS). November 2021 - May 2022

Guest Editor of Special Issue "Sustainable Planning and Life-Cycle Thinking of Energy Infrastructure" published on *Frontiers in Energy Research* (ISSN 2296-598X) – (SCOPUS-WOS). September 2021 - July 2022

Associate Editor *Resources, Conservation & Recycling Advance* (ISSN: 2667-3789), April 2021-March 2022

Editorial board member *Scientific Reports* (ISSN 2045-2322), September 2021-current

Section Editor in Chief *Sustainability* (Bioeconomy of Sustainability section) (ISSN 2071-1050) –

(SCOPUS-WOS), November 2021-current

Associate Editor Global Journal of Flexible Systems Management (ISSN 0972-2696), December 2021-current

Editorial board member of Production Manufacturing & Research (ISSN 2169-3277), January 2022-current

Associate Editor Environment, Development and Sustainability (ISSN 1573-2975), September 2022-current

Guest Editor dello Special Issue "Sustainable communities" pubblicato in Scientific Reports (ISSN 2045-2322), Marzo 2023-Ottobre 2023

Subject Editor Sustainable Production and Consumption (ISSN 2352-5509), February 2023-current

Editorial board member Sustainable Operations and Computers (ISSN 2666-4127), April 2023-current

Guest Editor dello Special Issue "Sustainable Development Goals: A Pragmatic Approach" Sustainability (ISSN 2071-1050), June 2023 – July 2024

Guest Editor of Special Issue "Circular Economy as a Driver for Achieving Sustainable Production and Consumption (II)" published on Sustainable Production and Consumption (ISSN 2352-5509), June 2023 – December 2023

Associate Editor Sustainable Development (ISSN 1099-1719), Ottobre 2023-current

Section Editor in Chief Sustainability (Development goals towards Sustainability section) (ISSN 2071-1050) – (SCOPUS-WOS), April 2023-current

International conferences

Scientific Committee 2nd Online Symposium on Circular Economy and Sustainability, Alexandroupolis, Greece, 14-16 July 2021

Scientific Committee 10th IWACP "A Resilient and Sustainable World: Contributions of Cleaner Production, Circular Economy, and Eco Innovation", Ferrara, Italy, 11 November 2021

Scientific Committee 2nd International Conference Strategies toward Green Deal Implementation Water, Raw Materials & Energy, Online, 8-10 December 2021

Scientific Committee Twenty First Global Conference on Flexible Systems Management "Flexibility, Resilience and Sustainability", Umsawli, India, 21-23 April 2022

Scientific Committee 3rd Online Symposium on Circular Economy and Sustainability, Chania, Greece, 24-29 June 2022

Scientific Committee 3rd International Conference Strategies toward Green Deal Implementation Water, Raw Materials & Energy, Online, 5-7 December 2022

Speaker Twenty Second Global Conference on Flexible Systems Management "Sustainability, Flexibility and Digital Transformation", Chandigarh, India, 9-11 December 2022

Scientific Committee 4th Online Symposium on Circular Economy and Sustainability, Heraklion, Greece, 19-21 June 2023

Scientific Committee 2nd International Symposium on Industrial Engineering and Automation, Bozen, Italy, 22-23 June 2023

Scientific Committee 4th International Conference Strategies toward Green Deal Implementation Water, Raw Materials & Energy, Online, 14-15 December 2023

Speaker 4th International Conference Strategies toward Green Deal Implementation Water, Raw Materials & Energy "Importance of Energy in Green Deal Strategies" 14-15 December 2023

Scientific Committee International Conference - Water and Wastewater in the Circular Economy (CEwater), Krakow, 22-24 April 2024

Speaker International Conference - Water and Wastewater in the Circular Economy (CEwater) "Green hydrogen toward sustainability", Krakow, 22-24 April 2024

Scientific Committee 5th Online Symposium on Circular Economy and Sustainability, Chania, Greece, 17-19 June 2024

Chair Session "Sustainable Production and Consumption" 5th Online Symposium on Circular Economy and Sustainability, Chania, Greece, 17-19 June 2024

Chair Session "Recycling & Resource Recovery" 11th International Conference on Sustainable Solid Waste Management, Rhodes, Greece, 19-22 June 2024

International books

D.Chiaroni, M.Chiesa, V.Chiesa, F.Cucchiella, I.D'Adamo, F.Frattini "An Analysis of Supply Chains in Renewable Energy Industries: A Survey in Italy" In Sustainable Future Energy Technology and Supply Chains, pag. 47-71: Springer, 2015 (SCOPUS)

International journals

I.D'Adamo, C.Di Carlo, M.Gastaldi, E.N.Rossi, A.F.Uricchio "Economic Performance, Environmental Protection and Social Progress: A Cluster Analysis Comparison towards Sustainable Development" Sustainability, vol.16 pag.5049, 2024

I.D'Adamo, M.Gastaldi, S.Luthra, L.Rimoldi "Agrisolar, incentives and sustainability: Profitability analysis of a photovoltaic system integrated with a storage system" Energy Reports, vol.12 pag.251-258, 2024

C.E.Barbara, I.D'Adamo, M.Gastaldi, A.S.Nizami "Clean energy for a sustainable future: Analysis of a PV system and LED bulbs in a hotel" Energy, vol.299 pag.131547, 2024

I.D'Adamo, D.Settembre-Blundo "Editorial: What is a waste? A potential resource to favor a sustainable transition. Evidence from the practice" Frontiers in Sustainability, vol. 5 n.1417256, 2024

I.D'Adamo, C.Di Carlo, M.Gastaldi, A.F.Uricchio "Equitable and sustainable well-being indicators: A study of Italian regional disparities towards sustainable development" Sustainable Development, 2024

A.Di Vaio, B.Latif, N.Gunarathne, M.Gupta, I.D'Adamo "Digitalization and artificial knowledge for accountability in SCM: a systematic literature review" Journal of Enterprise Information Management; vol. 37(2) pag.606-672, 2024

I.D'Adamo, D.Favari, M.Gastaldi, J.Kirchherr "Towards circular economy indicators: Evidence from the European Union" Waste Management & Research, 2024

J.Almanza Floyd, I.D'Adamo, S.Fosso Wamba, M.Gastaldi "Competitiveness and sustainability in the paper industry: The valorisation of human resources as an enabling factor" Computers & Industrial Engineering, vol.190 pag.110035, 2024

M.Barletta, I.D'Adamo, J.A. Garza-Reyes, M.Gastaldi "Business strategy and innovative models in the fashion industry: Clothing leasing as a driver of sustainability" Business Strategy and the Environment, 2024

A.Biancardi, I.D'Adamo, F.D'Amore, R.Moretti Prosumers as drivers of SDG7 in Palestine: Net-benefit analysis of grid-connected photovoltaic systems" Utilities Policy, vol.87 pag.101730

- I.D'Adamo, M.Gastaldi, M.Giannini, S.C.Lenny Koh "Lighting the future of sustainable cities with energy communities: An economic analysis for incentive policy" *Cities*, vol.147 pag. 104828, 2024
- I.D'Adamo, A.Dell'Aguzzo, M.Pruckner "Residential photovoltaic and energy storage systems for sustainable development: An economic analysis applied to incentive mechanisms" *Sustainable Development*, vol. 32 pag. 84-100, 2024
- A.Colasante, I.D'Adamo A.De Massis, S.Italiano "An exploratory study of stakeholder views on the sustainable development of mountain tourism" *Sustainable Development*, 2024
- I.D'Adamo, M.Giannini, M.Gastaldi, A.S.Nizami "Environmental implications and levelized cost analysis of E-fuel production under photovoltaic energy, direct air capture, and hydrogen" *Environmental Research*, vol. 246 pag. 118163, 2024
- C.J.Chiappetta Jabbour, A.Colasante, I.D'Adamo, P.Rosa, C.Sassanelli "Customer Attitudes Toward Circular Economy in the E-Waste Context: A Survey Assessing Sustainable Consumption Dynamics" *IEEE Engineering Management Review*, vol. 51 n.4 pag. 28-45, 2023
- A.Colasante, I.D'Adamo, P.Morone, P.Rosa "How consumer shopping habits affect willingness to embrace sustainable fashion" *Applied Economics Letters*, 2023
- A.Biancardi, A.Colasante, I.D'Adamo, C.Daraio, M.Gastaldi, A.F.Uricchio "Strategies for developing sustainable communities in higher education institutions" *Scientific Reports*, vol. 13 pag. 20596, 2023
- I.D'Adamo "The analytic hierarchy process as an innovative way to enable stakeholder engagement for sustainability reporting in the food industry" *Environment, Development and Sustainability*, vol. 25 pag. 15025-15042, 2023
- I.D'Adamo, S.Desideri, M.Gastaldi, K.P.Tsagarakis "Sustainable food waste management in supermarkets" *Sustainable Production and Consumption*, vol.43 pag.204-216, 2023
- C.J.Chiappetta Jabbour, A.Colasante, I.D'Adamo, P.Rosa, C.Sassanelli "Comprehending e-waste limited collection and recycling issues in Europe: A comparison of causes" *Journal of Cleaner Production*, vol. 427 pag. 139257, 2023
- I.D'Adamo, M.Gastaldi, C.Hachem-Vermette, R.Olivieri "Sustainability, emission trading system and carbon leakage: An approach based on neural networks and multicriteria analysis" *Sustainable Operations and Computers*, vol. 4 pag.147-157, 2023
- R.Caferra, A.Colasante, I.D'Adamo, A.Morone, P.Morone "Interacting locally, acting globally: trust and proximity in social networks for the development of energy communities" *Scientific Reports*, vol. 13 pag. 16636, 2023
- I.D'Adamo, M.Gastaldi "Monitoring the Performance of Sustainable Development Goals in the Italian Regions" *Sustainability*, vol. 15 n. 19 pag. 14094, 2023
- I.D'Adamo, M.Gastaldi, J.Piccioni, P.Rosa," The Role of Automotive Flexibility in Supporting the Diffusion of Sustainable Mobility Initiatives: A Stakeholder Attitudes Assessment" *Global Journal of Flexible Systems Management*, vol. 24 (3) pag. 459-481, 2023
- R.Caferra, G.Tsironis, A.Morone, K.Tsagarakis, P.Morone, I.D'Adamo "Is the circular economy proposed as sustainability in firm mission statements? A semantic analysis" *Environmental Technology & Innovation*; vol. 32 pag. 103304, 2023

A.Dwivedi, C.Sassanelli, D.Agrawal, E.Santibanez-Gonzalez, I.D'Adamo "Technological innovation toward sustainability in manufacturing organizations: A circular economy perspective" *Sustainable Chemistry and Pharmacy*; vol. 35 pag. 101211, 2023

A.Appolloni, I.D'Adamo, M.Gastaldi, M.Yazdani, D.Settembre-Blundo "Reflective backward analysis to assess the operational performance and eco-efficiency of two industrial districts" *International Journal of Productivity and Performance Management*; vol. 72 n. 6 pag. 1608-1626, 2023

D.Anselmi, I.D'Adamo, M.Gastaldi, G.V.Lombardi, "A comparison of economic, environmental and social performance of European countries: a sustainable development goal index" *Environment, Development and Sustainability*, 2023

S.M.Ali, AAppolloni, F.Cavallaro, I.D'Adamo, A.Di Vaio, F.Ferella, M.Gastaldi, M.Ikram, M.K.Nallapaneni, M.Martin, A.-S.Nizami, I.Ozturk, M.P.Riccardi, P.Rosa, E. Santibanez Gonzalez, C.Sassanelli, D.Settembre-Blundo, R.K.Singh, M.Smol, G.A.Tsalidis, I.Voukkali, N.Yang, A.A.Zorpas, "Development Goals towards Sustainability" *Sustainability*, vol. 15 n. 12 pag. 9443, 2023

I.D'Adamo, N.M.Ippolito, H.Shalchian, V.Innocenzi, F.Ferella, F.Vegliò "A feasibility study for a circular approach in oil refining: Metals recovery from hydrodesulphurization catalysts" *Sustainable Materials and Technologies*; vol. 36 pag. e00634, 2023

P.Morone, I.D'Adamo, G.Yilan "Editorial overview: The fashion industry wears the circular economy and sustainability" *Current Opinion in Green and Sustainable Chemistry*; vol. 42 pag. 100815, 2023

M.K.Nallapaneni, I.D'Adamo, S.Hait, A.Priya, S.Kichou, M.Gastaldi "Editorial: Sustainable planning and lifecycle thinking of energy infrastructure" *Frontiers in Energy Research*; vol. 11 pag.1196826, 2023

I.D'Adamo, M.Gastaldi, I.Ozturk "The sustainable development of mobility in the green transition: Renewable energy, local industrial chain, and battery recycling" *Sustainable Development*; vol.31 n.2 pag.840-852, 2023

K.Karuppiah, B.Sankaranayanan, I.D'Adamo, S.M.Ali "Evaluation of key factors for industry 4.0 technologies adoption in small and medium enterprises (SMEs): an emerging economy context" *Journal of Asian Business Studies*; vol. 17 n.2 pag. 347-370; 2023

G.Cozza, I.D'Adamo, P.Rosa "Circular manufacturing ecosystems: Automotive printed circuit boards recycling as an enabler of the economic development" *Production & Manufacturing Research*, vol. 11 n.1 pag. 2182837; 2023

I.D'Adamo, M.Gastaldi "Perspectives and Challenges on Sustainability: Drivers, Opportunities and Policy Implications in Universities" *Sustainability* vol.15 n.4 pag.3564, 2023

D.Basile, I.D'Adamo, V.Goretti, P.Rosa "Digitalizing Circular Economy through Blockchains: The Blockchain Circular Economy Index" *Journal of Industrial and Production Engineering*; vol. 40 n.4 pag. 233-245; 2023

I.D'Adamo, F.Ferella, M.Gastaldi, N.M.Ippolito, P.Rosa "Circular solar: Evaluating the profitability of a photovoltaic panel recycling plant" *Waste Management & Research*; 2023

A.Dwivedi, C.Sassanelli, D.Agrawal, MD.A. Moktadir, I.D'Adamo "Drivers to mitigate climate change in context of manufacturing industry: An emerging economy study" *Business Strategy and the Environment* vol. 32 n.7 pag. 4467-4484, 2023

A.Biancardi, A.Colasante, I.D'Adamo "Sustainable education and youth confidence as pillars of future civil society" *Scientific Reports*; vol. 13 n.955, 2023

I.D'Adamo, M.Mammetti, D.Ottaviani, I.Ozturk "Photovoltaic systems and sustainable

- communities: New social models for ecological transition. The impact of incentive policies in profitability analyses” *Renewable Energy* vol.202 pag. 1291-1304, 2023
- R.Caferra, I.D’Adamo, P.Morone “Wasting energy or energizing waste? The public acceptance of waste-to-energy technology” *Energy*, vol.263 pag. 126123, 2023
- I.D’Adamo, M.Ribichini, K.P.Tsagarakis “Biomethane as an energy resource for achieving sustainable production: Economic assessments and policy implications” *Sustainable Production and Consumption*, vol.35 pag.13-27, 2023
- I.D’Adamo, A.Di Vaio, A.Formiconi, A.Soldano “European IoT Use in Homes: Opportunity or Threat to Households?” *International Journal of Environmental Research and Public Health*, vol. 19 pag.14343, 2022
- Morone P., I.D’Adamo, M.Cianfroni “Inter-connected challenges: an overview of bioeconomy in Europe” *Environmental Research Letters*, vol. 17 pag. 114301, 2022
- I.D’Adamo, M.Mazzanti, P.Morone, P.Rosa “Assessing the relation between waste management policies and circular economy goals” *Waste Management*; vol.154 pag.27-35, 2022
- I.D’Adamo, M.Gastaldi, P.Morone, I.Ozturk “Economics and policy implications of residential photovoltaic systems in Italy’s developed market” *Utilities Policy*; vol. 79 pag. 101437, 2022
- I.D’Adamo, G.Ioppolo, Y.Shen, M.A.Rosen “Sustainability Survey: Promoting Solutions to Real-World Problems” *Sustainability*; vol. 14 pag.12244, 2022
- I.D’Adamo, M.Gastaldi “Sustainable Development Goals: A Regional Overview Based on Multi-Criteria Decision Analysis” *Sustainability*; vol. 14 pag.9779, 2022
- I.D’Adamo, M.Gastaldi, G.Ioppolo, P.Morone “An analysis of Sustainable Development Goals in Italian cities: Performance measurements and policy implications” *Land Use Policy*; vol. 120 pag.106278, 2022
- C.Sassanelli, T.Arriga, S.Zanin, I.D’Adamo, S.Terzi “Industry 4.0 Driven Result-oriented PSS: An Assessment in the Energy Management” *International Journal of Energy Economics and Policy*; vol. 12 n.4 pag. 186-203, 2022
- I.D’Adamo, A.Colasante, Survey data to assess consumers’ attitudes towards circular economy and bioeconomy practices: A focus on the fashion industry” *Data in Brief*; vol.43 pag.108385, 2022
- I.D’Adamo, C.Sassanelli, “A mini-review of biomethane valorization: Managerial and policy implications for a circular resource” *Waste Management & Research*, vol. 40 n.12 pag. 1745-1756, 2022
- I.D’Adamo, M.Gastaldi, P.Morone “Solar collective self-consumption: Economic analysis of a policy mix” *Ecological Economics*; vol. 199 pag.107480, 2022
- V.Annibaldi, F.Cucchiella, I.D’Adamo, M.Gastaldi, M.Rotilio “Energy Improvement in the Building Sector: An Economic Analysis Relating to the Most Common Italian Masonry” *Key Engineering Materials*; vol. 919 pag.236-247, 2022
- I.D’Adamo, M.Gastaldi, P.Morone “Economic sustainable development goals: Assessments and perspectives in Europe” *Journal of Cleaner Production*; vol. 354 pag.131730, 2022
- I.D’Adamo, C.Sassanelli “Biomethane Community: A Research Agenda towards Sustainability” *Sustainability*; vol. 14 n. 8 pag. 4735, 2022
- M.Ikram, Y.Shen, M.Ferasso, I.D’Adamo “Intensifying effects of COVID-19 on economic growth, logistics performance, environmental sustainability and quality management: evidence from Asian countries” *Journal of Asian Business Studies*; vol. 16 n. 3 pag. 448-471; 2022

- I.D'Adamo, M.Gastaldi, P.Morone "The impact of a subsidized tax deduction on residential solar photovoltaic-battery energy storage systems" *Utilities Policy*; vol. 75 pag. 101358; 2022
- I.D'Adamo, G.Lupi, P.Morone, D.Settembre-Blundo "Towards the circular economy in the fashion industry: the second-hand market as a best practice of sustainable responsibility for businesses and consumers" *Environmental Science and Pollution Research*; vol. 29 pag. 46620-46633 2022
- U.M.Modibbo, I.D'Adamo, P.Morone, I.Ali "The Implementation Challenges to Circular Economy Via-Sectoral Exploration" *Computational Modelling in Industry 4.0*; pag. 11-21; 2022
- G.D'Amico, K. Szopik-Depczyńska, R.Beltramo, I.D'Adamo, G.Ioppolo "Smart and Sustainable Bioeconomy Platform: A New Approach towards Sustainability" *Sustainability*; vol. 14 n.1 pag. 466; 2022
- A.Colasante, I.D'Adamo, P.Morone "Assessing the circularity performance in a European cross-country comparison" *Environmental Impact Assessment Review*; vol. 93 pag. 106730; 2022
- A.Appolloni, C.J.Chiappetta Jabbour, I.D'Adamo, M.Gastaldi, D.Settembre-Blundo "Green recovery in the mature manufacturing industry: The role of the green-circular premium and sustainability certification in innovative efforts" *Ecological Economics*; vol.193 pag.107311, 2022
- A.Colasante, I.D'Adamo, P.Morone "What drives the solar energy transition? The effect of policies, incentives and behavior in a cross-country comparison" *Energy Research & Social Science*; vol. 85 pag. 102405, 2022
- I.D'Adamo, M.Gastaldi, P.Morone, P.Rosa, C.Sassanelli, D.Settembre-Blundo, Y.Shen "Bioeconomy of Sustainability: Drivers, Opportunities and Policy Implications" *Sustainability*; vol. 14 n.1 pag. 200; 2022
- I.D'Adamo, M.Gastaldi, C.Imbriani, P.Morone "Assessing regional performance for the Sustainable Development Goals in Italy" *Scientific Reports*; vol. 11 n. 24117, 2021
- A.Colasante, I.D'Adamo "The circular economy and bioeconomy in the fashion sector: Emergence of a "sustainability bias"" *Journal of Cleaner Production*; vol. 329 pag.129774, 2021
- I.D'Adamo, R.González-Sánchez, M.S.Medina-Salgado, D.Settembre-Blundo "Methodological Perspective for Assessing European Consumers' Awareness of Cybersecurity and Sustainability in E-Commerce" *Sustainability*; vol. 13 n.20 pag. 11343; 2021
- S.Cianciotta, I.D'Adamo "The Evolution of Sustainability: The Automotive Supply Chain Opportunity in Southern Italy" *Sustainability*; vol. 13 n.19 pag. 10930; 2021
- A.Dwivedi, D.Agrawal, A.Jha, M.Gastaldi, S.K.Paul, I.D'Adamo "Addressing the Challenges to Sustainable Initiatives in Value Chain Flexibility: Implications for Sustainable Development Goals" *Global Journal of Flexible Systems Management*, 2021
- I.D'Adamo, P.Morone, D.Huisingh "Bioenergy: A Sustainable Shift" *Energies*; vol.14 n.18 pag.5661, 2021
- P.Morone, R.Caferra, I.D'Adamo, P.M.Falcone, E.Imbert, A.Morone "Consumer willingness to pay for bio-based products: Do certifications matter?" *International Journal of Production Economics*; vol. 240 pag. 108248; 2021
- Á.Acevedo-Duque, R.Gonzalez-Diaz, E.Cachicatari Vargas, A.Paz-Marcano, S.Muller-Pérez, G.Salazar-Sepúlveda, G. Caruso, I.D'Adamo "Resilience, Leadership and Female Entrepreneurship within the Context of SMEs: Evidence from Latin America" *Sustainability*; vol. 13 n.15 pag. 8129; 2021
- A.Appolloni, I.D'Adamo, M.Gastaldi, E.D.R.Santibanez Gonzalez, D.Settembre-Blundo "Growing e-waste management risk awareness points towards new recycling scenarios: The view of the Big Four's youngest consultants" *Environmental Technology & Innovation*; vol. 23 pag. 101716; 2021

I.D'Adamo, R.González-Sánchez, M.S.Medina-Salgado, D.Settembre-Blundo "E-Commerce Calls for Cyber-Security and Sustainability: How European Citizens Look for a Trusted Online Environment" Sustainability; vol. 13 n.12 pag. 6752; 2021

I.D'Adamo, M. Gastaldi, P.Rosa "Assessing Environmental and Energetic Indexes in 27 European Countries" International Journal of Energy Economics and Policy; vol. 11 n. 3 pag. 417-423, 2021

A.Colasante, I.D'Adamo, P.Morone "Nudging for the increased adoption of solar energy? Evidence from a survey in Italy" Energy Research & Social Science; vol. 74 pag. 101978, 2021

I.D'Adamo, G.Lupi, "Sustainability and Resilience after COVID-19: A Circular Premium in the Fashion Industry" Sustainability; vol. 13 n.4 pag. 1861, 2021

A.K.Awasthi, V.R.Sankar Cheela, I.D'Adamo, E.Iacovidou, M. Rafizullslam, M.Johnson, T. Reed Miller, K.Parajuly, A.Parchomenko, L.Radhakrishan, M.Zhao, C.Zhang, J.Li "Zero waste approach towards a sustainable waste management" Resources, Environment and Sustainability; vol.3 pag.100014, 2021

I.D'Adamo, P.M.Falcone, D.Huisingh, P.Morone "A circular economy model based on biomethane: What are the opportunities for the municipality of Rome and beyond?" Renewable Energy; vol.163 pag.1660-1672, 2021

I.D'Adamo, P.M.Falcone, E.Imbert, P.Morone "Exploring regional transitions to the bioeconomy using a socio-economic indicator: the case of Italy" Economia Politica; 2020

I.D'Adamo, M.Gastaldi, P.Morone "Dataset for Assessing the Economic Performance of a Residential PV Plant: The Analysis of a New Policy Proposal" Data; vol.5 n.4 pag.101, 2020

I.D'Adamo, F. de Monte, F. Ferella, M.Gastaldi "The economic viability of photovoltaic systems in public buildings: Evidence from Italy" Journal of Cleaner Production; vol.278 pag.123561, 2021

I.D'Adamo, M.Gastaldi, P.Morone "The post COVID-19 green recovery in practice: Assessing the profitability of a policy proposal on residential photovoltaic plants" Energy Policy; vol.147 pag.111910, 2020

I.D'Adamo, P.M.Falcone, E.Imbert, P.Morone "Survey data for assessing the socio-economic performance of End of Life options of a bio-based product based on expert knowledge" Data in Brief; vol.32 pag.106199, 2020

I.D'Adamo, P.M.Falcone, E.Imbert, P.Morone "A Socio-economic Indicator for EoL Strategies for Bio-based Products" Ecological Economics; vol.178 pag.106794, 2020

I.D'Adamo, P.M.Falcone, M.Gastaldi, P.Morone "The economic viability of photovoltaic systems in public buildings: Evidence from Italy" Energy; vol.207 pag.118316, 2020

I.D'Adamo, P.Rosa "How Do You See Infrastructure? Green Energy to Provide Economic Growth after COVID-19" Sustainability; vol.12 n.11 pag.4738; 2020

I.D'Adamo, P.M.Falcone, P.Morone "A New Socio-economic Indicator to Measure the Performance of Bioeconomy Sectors in Europe" Ecological Economics; vol.176 pag.106724, 2020

I.D'Adamo, P.M.Falcone, M.Martin, P.Rosa "A Sustainable Revolution: Let's Go Sustainable to Get Our Globe Cleaner" Sustainability; vol.12 n.11 pag.4387; 2020

F.Cucchiella, I.D'Adamo, M.Gastaldi, S.C.Lenny Koh, E.D.R. Santibanez Gonzalez, "Assessment of GHG emissions in Europe: future estimates and policy implications" Environmental Engineering and Management Journal; vol. 19 n.1 pag.131-142; 2020

I.D'Adamo, P.M.Falcone, M.Gastaldi, P.Morone "RES-T trajectories and an integrated SWOT-AHP analysis for biomethane. Policy implications to support a green revolution in European

transport" Energy Policy; vol. 138 pag.111220; 2020

I.D'Adamo, M.Gastaldi, P.Rosa "Recycling of end-of-life vehicles: Assessing trends and performances in Europe" Technological Forecasting and Social Change; vol. 152 pag.119887, 2020

I.D'Adamo "Adopting a Circular Economy: Current Practices and Future Perspectives" Social sciences; vol. 8 n.12 pag.328, 2019

I.D'Adamo, P.Rosa "A Structured Literature Review on Obsolete Electric Vehicles Management Practices" Sustainability; vol. 11 n.23 pag.6876, 2019

I.D'Adamo, P.M.Falcone, M.Gastaldi, P.Morone "A Social Analysis of the Olive Oil Sector: The Role of Family Business" Resources; vol.8 n.3 pag.151, 2019

I.D'Adamo, F.Ferella, M.Gastaldi, F.Maggiore, P.Rosa, S.Terzi "Towards Sustainable Recycling Processes: Wasted Printed Circuit Boards as a Source of Economic Opportunities" Resources, Conservation & Recycling; vol. 149 pag. 455-467, 2019

I.D'Adamo, P.M.Falcone, M.Gastaldi "Price analysis of extra virgin olive oil" British Food Journal; i vol.121 n.8 pag.1899-1911, 2019

I.D'Adamo, P.M.Falcone, F.Ferella "A socio-economic analysis of biomethane in the transport sector: The case of Italy" Waste Management; vol. 95 pag.102-115, 2019

F.Cucchiella, I.D'Adamo, M.Gastaldi "Sustainable Italian Cities: The Added Value of Biomethane from Organic Waste" Applied Sciences; vol. 9 n. 11 pag.2221, 2019

I.D'Adamo, F.Ferella, P.Rosa "Wasted LCDs as a source of value for e-waste treatment centres: A techno-economic analysis" Current Opinion in Green and Sustainable Chemistry; vol. 19 pag. 37-44, 2019

F.Cucchiella, I.D'Adamo, M.Gastaldi "An economic analysis of biogas-biomethane chain from animal residues in Italy" Journal of Cleaner Production; vol. 230 pag.888-897, 2019

F. Ferella, F.Cucchiella, I.D'Adamo, K. Gallucci "A techno-economic assessment of biogas upgrading in a developed market" Journal of Cleaner Production, vol. 210 pag.945-57, 2019

I.D'Adamo "The profitability of residential photovoltaic systems. A new scheme of subsidies based on the price of CO₂ in a developed PV market" Social Sciences; vol. 7 n.9 pag.148, 2018

F.Cucchiella, I.D'Adamo, M.Gastaldi, V.Stornelli "Solar Photovoltaic Panels Combined with Energy Storage in a Residential Building: An Economic Analysis" Sustainability; vol. 10 n.9 pag.3117, 2018

F.Cucchiella, I.D'Adamo, M.Gastaldi, M.Miliacca "A profitability analysis of small-scale plants for biomethane injection into the gas grid" Journal of Cleaner Production; vol. 184 pag.179-187, 2018

F.Cucchiella, I.D'Adamo, M.Gastaldi, M.Miliacca "Efficiency and allocation of emission allowances and energy consumption over more sustainable European economies" Journal of Cleaner Production; vol. 182 pag.805-817, 2018

F.Cucchiella, I.D'Adamo, M.Gastaldi "Future Trajectories of Renewable Energy Consumption in the European Union" Resources; vol.7 n.10 pag.58, 2018

K.Awasthi, F.Cucchiella, I.D'Adamo, J.Li, P.Rosa, S.Terzi, G.Wei, X.Zeng "Modelling the correlations of e-waste quantity with economic increase" Science of the Total Environment; vol.613-614 pag. 46-53, 2018

- U.Arena, M.Barlaz, P.He, I.D'Adamo, S.Astals, J.E.Bogner, S.C.Bolyard, J.M.C.L. de Brito Paolo, S.Calabrò, P.Canu, C.Chroni, B.Clark, H.Corvellec, G.Costa, M.R.Gent, A.G.Izquierdo, J.A.Kozziel, N.Lapa, B.Leckner, L.Lombardi, M.Materazzi, H.Oonk, K.Pivnenko, K.R.Reddy, H. van der Sloot, J.-O. Sundqvist, F.Tatàno, T.Townsend, D.Turner, J.Vehlow, T. Wang, Y. Wang, J. White, Y. Zeng, C.Zurbrügg "Thank you: A journal is as good as its reviewers" *Waste Management*; vol. 77 pag.iii-vi, 2018
- F.Cucchiella, I.D'Adamo, M.Gastaldi "Biomethane: A Renewable Resource as Vehicle Fuel" *Resources*; vol.6 n.4 pag.58, 2017
- F.Cucchiella, I.D'Adamo, M.Gastaldi "The Economic Feasibility of Residential Energy Storage Combined with PV Panels: The Role of Subsidies in Italy" *Energies*; vol.10 n.9 pag.1434, 2017
- F.Cucchiella, I.D'Adamo, M.Gastaldi, S.C. Lenny Koh, P.Rosa "A comparison of environmental and energetic performance of European countries: A sustainability index" *Renewable and Sustainable Energy Reviews*; vol.78 pag.401-413, 2017
- F.Cucchiella, I.D'Adamo, M.Gastaldi "Economic Analysis of a Photovoltaic System: A Resource for Residential Households" *Energies*; vol.10 n.6 pag.814, 2017
- I.D'Adamo, M.Miliacca, P.Rosa "Economic Feasibility for Recycling of Waste Crystalline Silicon Photovoltaic Modules" *International Journal of Photoenergy*; Article ID 4184676, pag. 1-6, 2017
- F.Cucchiella, I.D'Adamo, M.Gastaldi "Sustainable waste management: Waste to energy plant as an alternative to landfill" *Energy Conversion and Management*; vol.131 pag. 18-31, 2017
- F.Cucchiella, I.D'Adamo, M.Gastaldi "A profitability assessment of small-scale photovoltaic systems in an electricity market without subsidies" *Energy Conversion and Management*; vol.129 pag.62-74, 2016
- F.Cucchiella, I.D'Adamo, S.C. Lenny Koh, P.Rosa "A profitability assessment of European recycling processes treating printed circuit boards from waste electrical and electronic equipments" *Renewable and Sustainable Energy Reviews*; vol.64 pag.749-760, 2016
- I.D'Adamo, P.Rosa, S.Terzi "Challenges in Waste Electrical and Electronic Equipment management: A profitability assessment in three European countries" *Sustainability*; vol.8 n.7 pag.633, 2016
- I.D'Adamo, P.Rosa "Current state of renewable energies performances in the European Union: A new reference framework" *Energy Conversion and Management*; vol.121 pag.84-92, 2016
- F.Cucchiella, I.D'Adamo, M.Gastaldi "Photovoltaic Energy Systems with Battery Storage for Residential Areas: An Economic Analysis" *Journal of Cleaner Production*; vol.131 pag. 460-474, 2016
- F.Cucchiella, I.D'Adamo, P.Rosa "Urban Waste to Energy (WTE) plants: a social analysis" *JP Journal of Heat and Mass Transfer*; vol.13 n.3 p.421-444, 2016
- F.Cucchiella, I.D'Adamo, "Technical and economic analysis of biomethane: A focus on the role of subsidies" *Energy Conversion and Management*; vol.119 pag.338-351, 2016
- F.Cucchiella, I.D'Adamo, M.Gastaldi "Optimizing plant size in the planning of renewable energy portfolios" *Letters in Spatial and Resource Sciences*; vol.9 n.2 pag.169-187, 2016
- I.D'Adamo, P.Rosa "Remanufacturing in industry: advices from the field" *The International Journal of Advanced Manufacturing Technology*; vol.86 n.9 pag.2575-2584, 2016
- F.Cucchiella, I.D'Adamo "Waste to energy plant as an energy renewable source: financial feasibility" *JP Journal of Heat and Mass Transfer*; vol.13 n.1 p.93-117, 2016
- F.Cucchiella, I.D'Adamo, P.Rosa, S.Terzi "Scrap automotive electronics: A mini-review of current

- management practices" *Waste Management & Research*; vol.34 n.1 pag.3-10, 2016
- F.Cucchiella, I.D'Adamo, P.Rosa, S.Terzi "Automotive Printed Circuit Boards Recycling: an Economic Analysis" *Journal of Cleaner Production*; vol. 121 pag. 130-141, 2016
- F.Cucchiella, I.D'Adamo, P.Rosa "Industrial Photovoltaic Systems: An Economic Analysis in Non-Subsidized Electricity Markets" *Energies*; vol.8 n.11 pag.12865-12880, 2015
- F.Cucchiella, I.D'Adamo, S.C. Lenny Koh, P.Rosa "Recycling of WEEE: an economic assessment of present and future e-waste streams" *Renewable and Sustainable Energy Reviews*; vol.51 pag. 263-272, 2015
- F.Cucchiella, I.D'Adamo, S.C. Lenny Koh "Environmental and economic analysis of building integrated photovoltaic systems in Italian regions" *Journal of Cleaner Production*; vol. 98 pag. 241-252, 2015
- F.Cucchiella I.D'Adamo "Residential photovoltaic plant: environmental and economical implications from renewable support policies" *Clean Technologies and Environmental Policy*; vol. 17 n. 7 pag. 1929-1944, 2015
- F.Cucchiella, I.D'Adamo, P.Rosa "End-of-Life of used photovoltaic modules: a financial analysis" *Renewable and Sustainable Energy Reviews*; vol. 47 pag. 552-561, 2015
- F.Cucchiella, I.D'Adamo, M.Gastaldi "Profitability analysis for biomethane: a strategic role in the Italian transport sector" *International Journal of Energy Economics and Policy*; vol. 5 n. 2 pag. 440-449, 2015
- F.Cucchiella I.D'Adamo "A multicriteria analysis of photovoltaic systems: energetic, environmental and economic assessments" *International Journal of Photoenergy*; pag. 1-8, 2015
- F.Cucchiella, I.D'Adamo, M.Gastaldi "Financial analysis for investment and policy decisions in the renewable energy sector" *Clean Technologies and Environmental Policy*; vol. 17 n. 4 pag. 887-904, 2015
- D.Chiaroni, V.Chiesa, L.Colasanti, F.Cucchiella, I.D'Adamo, F.Frattini "Evaluating solar energy profitability: A focus on the role of self-consumption" *Energy Conversion and Management*; vol. 88 pag. 317-331, 2014
- F.Cucchiella, I.D'Adamo, M.Gastaldi "Sustainable management of waste to energy facilities" *Renewable and Sustainable Energy Reviews*; vol. 33 pag. 719-728, 2014
- F.Cucchiella, I.D'Adamo, M.Gastaldi "Strategic municipal solid waste management: A quantitative model for Italian regions" *Energy Conversion and Management*; vol. 77 p. 709-720, 2014
- F.Cucchiella I.D'Adamo, M.Gastaldi, S.C. Lenny Koh "Implementation of a real option in a sustainable supply chain: An empirical study of alkaline battery recycling" *International Journal of Systems Science*; vol. 45 n. 6 pag. 1268-1282, 2014
- F.Cucchiella, I.D'Adamo "Issue on supply chain of renewable energy" *Energy Conversion and Management*; vol. 76 n. 774-780, 2013
- F.Cucchiella, I.D'Adamo, M.Gastaldi "Italian energy portfolio analysis: an interactive renewable investments tool" *Advanced Materials Research*; vol. 739 pag. 768-776, 2013
- F.Cucchiella, I.D'Adamo, M.Gastaldi "A multi-objective optimization strategy for energy plants in Italy" *Science of The Total Environment*; vol. 443 pag. 955-964, 2013
- F.Cucchiella, I.D'Adamo, M.Gastaldi, S.C. Lenny Koh "Renewable energy options for buildings: performance evaluations of integrated photovoltaic systems" *Energy and Buildings*; vol. 55 p. 208-217, 2012

F.Cucchiella, I.D'Adamo, M.Gastaldi "Municipal waste management and Energy Recovery in an Italian region" *Waste Management & Research*; vol. 30 n.12 p. 1290-1298, 2012

F.Cucchiella, I.D'Adamo "Estimation of the energetic and environmental impacts of a roof-mounted building-integrated photovoltaic systems" *Renewable and Sustainable Energy Reviews*; vol. 16 n.7 p. 5245-5259, 2012

F.Cucchiella, I.D'Adamo "Feasibility Study of Developing Photovoltaic Power Projects in Italy: An Integrated Approach" *Renewable and Sustainable Energy Reviews*; vol. 16 n. 3 p. 1562-1576, 2012

F.Cucchiella, I.D'Adamo, M.Gastaldi "Modeling optimal investments with portfolio analysis in electricity markets" *Energy Education Science and Technology Part A: Energy Science and Research*; vol. 30 n. 1 p. 673-692, 2012

F.Cucchiella, I.D'Adamo, M.Gastaldi "Green Supply Chain and the Energy Recovery Plant in Abruzzo" *Procedia - Social and Behavioral Sciences*; vol. 25 p. 54-72, 2011

F.Cucchiella, I.D'Adamo, M.Gastaldi "Highway Project Management Through Real Option", *Journal of European Economy*; vol. 7 p. 38-54, 2008

Referee

Applied Energy, Applied Sciences, Applied Thermal Engineering, Artificial Intelligence for Engineering Design, Analysis and Manufacturing, Bioenergy Research, Bioresource Technology, Buildings, Carbon Management, CIRP Journal of Manufacturing Science and Technology, Clean Technologies, Detritus, Energies, Energy, Energy and Buildings, Energy Conversion and Management, Energy Economics, Energy Policy, Energy Reports, Energy Research & Social Science, Energy Sources Part A Recovery Utilization and Environmental Effects, Energy Strategy Reviews, Engineering Economics, Environmental Engineering and Management Journal, Environmental Impact Assessment Review, Environmental Pollution, Environmental Processes, Environmental Progress & Sustainable Energy, Environmental Technology, Frontiers Energy Research, Habitat International, Heliyon, Humanities and Social Sciences Communications, Informatics, International Journal of Cross Cultural Management, International Journal of Electrical Power and Energy Systems, International Journal of Engineering Business Management, International Journal of Environment and Waste Management, International Journal of Modelling and Simulation, International Journal of Global Energy Issues, International Journal of Green Energy, International Journal of Production Economics, International Journal of Public Administration, JOItnC, Journal of Building Engineering, Journal of Cleaner Production, Journal of Energy Storage, Journal of Environmental Management, Journal of Environmental Planning and Management, Journal of Material Cycles and Waste Management, Operations Management Research, Polymers, Production Planning & Control, Remote sensing, Renewable and Sustainable Energy Reviews, Renewable Energy, Renewable Energy Focus, Research in Transportation Economics, Resources, Resources Conservation & Recycling, Science of the Total Environment, Scientific Reports, Sensors, Symmetry, Social Sciences, Socio-Economic Planning Sciences, Structures, Supply Chain Management: An International Journal, Sustainability, Sustainable Cities and Society, Sustainable Energy Technologies and Assessments, Sustainable Materials and Technologies, Sustainable Production and Consumption, Technological and Economic Development of Economy, Technological Forecasting & Social Change, Trends in Food Science & Technology, Utilities Policy, Waste and Biomass Valorization, Waste Management, Waste Management and Research, Water

International oral presentations

I.D'Adamo, G. Lupi, P.Morone, D.Settembre-Blundo "Analysis of the clothing-recycling attitude from a circular economy perspective." 2nd Online Symposium on Circular Economy and Sustainability, Alexandroupolis, Greece 14-16 July, 2021

I.D'Adamo, P.Rosa, "Assessing waste management in Europe: A new reuse & recycling index" 15th International Conference on Waste Management and Technology(ICWMT), 28-30 June 2020, Beijing, China

I.D'Adamo, F.De Monte, F.Ferella, M.Gastaldi, "The case study of a photovoltaic plant located at the University of L'Aquila: an economic analysis" 9th International Workshop Advances in Cleaner Production, 26 May 2020, Melbourne, Australia

I.D'Adamo, P.M.Falcone, M.Gastaldi, P.Morone "Solar energy for public buildings: is it economically sustainable?" 8th International Workshop Advances in Cleaner Production, 13-15 November 2019, Sanya, China

L.Ladu, E.Imbert, P.Morone, R.Quitow, P.M.Falcone, I.D'Adamo "Professionals procurers Sustainability Preferences". 6th International Environmental Best Practices Conference, 22-26 September 2019, Olsztyn, Poland

I.D'Adamo, P.M.Falcone, P.Morone "Assessing the transition towards bioeconomy through a socioeconomic indicator". SFER Conference, 4-5 June 2019, Reims, France

M. Rotilio, I. D'Adamo, L. Pantoli, "Historical masonries and energy diagnosis. Case studies". 4th International Scientific Conference: Knowledge based sustainable economic development (ERAZ), 7 June 2018, Sofia, Bulgaria

F.Cucchiella, I.D'Adamo, M.Gastaldi, S.C. Lenny Koh, E.DR. Santibanez-Gonzalez "European GHG emissions trajectory towards 2020" 2nd Global Conference on Theory and Applications of OR/OM for Sustainability (GCTAOS) 6-8 September 2017, Beijing, China

F.Cucchiella, I.D'Adamo, M.Gastaldi, M.Miliacca "A profitability analysis of small-scale biomethane plants". 6th International Workshop Advances in Cleaner Production, 24-26 May 2017, São Paulo, Brazil

F.Cucchiella, I.D'Adamo, M.Gastaldi, M.Miliacca "Efficiency and allocation of emission allowances over more sustainable European Countries". 6th International Workshop Advances in Cleaner Production, 24-26 May 2017, São Paulo, Brazil

F.Cucchiella, I.D'Adamo, M.Gastaldi "A Multi-Sectorial Analysis of a Waste to Energy Plant". 5th International Workshop Advances in Cleaner Production, 20-22 May 2015, São Paulo, Brazil

F.Cucchiella, I.D'Adamo, M.Gastaldi "Solid Waste Management: a multi-perspective feasibility analysis of incinerators in Italy". 8th Conference on Sustainable Development of energy, water and environment systems, 22-27 September 2013, Dubrovnik, Croatia

F.Cucchiella, I.D'Adamo, M.Gastaldi "A Sustainable Plan for Protection Environment" 17th International Working Seminar on Production Economics, 20-24 February 2012, Innsbruck, Austria

F.Cucchiella, I. D'Adamo, M. Gastaldi "An Analysis for the Right Location and Sizing of an Energy Recovery Plant in Abruzzo". International Conference on Asia Pacific Business Innovation and Technology Management, 2-4 October 2011, Lausanne, Switzerland

F.Cucchiella, I.D'Adamo, M.Gastaldi "The location, the size, financial and economic analysis of a plant with energy recovery: the Abruzzo case". Research Workshop-Supply Chain Management: Innovation in Meeting the Challenges of the 21st Century, 28-30 August 2011, Prato, Italy

F.Cucchiella, I.D'Adamo, M.Gastaldi, S.C. Lenny Koh "A photovoltaic system in a residential building: environmental and economic optimization analysis". 8th International Conference on Supply Chain Management and Information Systems, 6-8 October 2010, Hong Kong, China. It has been an Highly Commended Award (SCOPUS)

F.Cucchiella, I.D'Adamo, M.Gastaldi "Green Supply Chain and firm performance". 16th International Working Seminar on Production Economics, vol. 1 pag. 101-112, 1-5 March 2010, Innsbruck, Austria

F.Cucchiella, I.D'Adamo, M.Gastaldi. "Highway Project Management Through Real Option". International Conference on Applied Economics 2008, 15-17 May 2008, Kastoria, Greece

National oral presentations

F.Cucchiella, I.D'Adamo, M.Gastaldi "Un business emergente: analisi economica del riciclo delle schede elettroniche provenienti dagli e-waste". XXVIII Riunione Scientifica annuale dell'Associazione Italiana Ingegneria Gestionale, 19-20 October 2017, Bari

F.Cucchiella, I.D'Adamo, M.Gastaldi "Analisi di un impianto fotovoltaico per uso domestico: valutazioni ambientali, economiche ed opportunità". XXI Riunione Scientifica annuale dell'Associazione Italiana Ingegneria Gestionale, 14-15 October 2010, L'Aquila, Italy

F.Cucchiella, I.D'Adamo, M.Gastaldi "Green supply chain: il processo di valorizzazione delle pile alcaline". Atti del Convegno Scientifico della Rete Italiana LCA - Enea, pag. 165-172, 21-22 April 2010, Padova, Italy

Teaching activities

Professor "Gestione Aziendale" Sapienza University of Rome, academic year 2019/2020 – 2020/2021 – 2021/2022 – 2022/2023 - 2023/2024

Professor "Economics of Technology and Management" Sapienza University of Rome, academic year 2019/2020 – 2020/2021 – 2021/2022 – 2022/2023 - 2023/2024

Professor "Laboratorio di Ingegneria Economico Gestionale" Sapienza University of Rome, academic year 2019/2020 – 2020/2021

Professor "Economia Circolare: Nuovi modelli di produzione e di consumo", Unitelma Sapienza Università di Roma, anno accademico 2020/2021 – 2021/2022 – 2022/2023 - 2023/2024

Professor "Economia e gestione delle fonti e dei servizi energetici" Sapienza University of Rome, academic year 2021/2022 – 2022/2023 - 2023/2024

Within Master Executive of I Level "La tutela dell'ambiente. Profili economici e giuridici - TAMPREG" Unitelma Sapienza – University of Rome I have conducted three lessons referred to the Module III "Tutela dell'ambiente e sviluppo: esperienze applicative e best practice" and three lessons within Module IX "Gestione dei rifiuti nella prospettiva della circular economy Strategie di protezione dell'ambiente tra economia e diritto A.A. 2018-2019

Member of the Academic Board of the XXXIV cycle of PhD in Ingegneria Industriale e Gestionale presso University of Rome "La Sapienza" since 01/11/2020

Member of the Academic Board of the XXXIV cycle of PhD in Industrial Engineering and Information and Economics at the University of L'Aquila since 23/01/2018 for three years

Assistant Professor "Economia ed Organizzazione Aziendale", University of L'Aquila, Prof.ssa F.Cucchiella, academic year 2008/09 – 2009/10 – 2010/2011 – 2011/12 – 2016/17 – 2017/18.

Assistant Professor "Economia Applicata all'Ingegneria", University of L'Aquila, Prof. M.Gastaldi, academic year 2008/09 – 2009/10 – 2010/2011 – 2011/12.

Assistant Professor "Analisi dei Sistemi Finanziari", University of L'Aquila, Prof. M.Gastaldi, academic year 2008/09 – 2009/10 – 2010/2011.

I hereby authorize the use of my personal details solely for circulation within the company.