

EUROPEAN CURRICULUM VITAE



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Summary

Research director at CNR-IRCrES (former CERIS), which she joined in 1989 after 2 years as an Economic-financial Analyst in a private Company. Laurea 110/110 cum laude in Economics (1988), University of Turin and postgraduate in Foresight at PREST, Manchester University (UK). At IRCrES, she has been Scientific Leader of the Research Units "Innovation" and "Innovative public policy evaluation". She has been Project or Task leader in several European/National Research Projects, especially in the field of innovation, economic-social impact analysis of green technologies, technology Foresight, public policies analysis and evaluation (e.g. EU Project "iMERA-ERA NET" 2004-2007; EU-FSE POR, 2000-2006; EU Project EQUAL- PRIMEALI, 2005-2008; NANOBUILD" within POR FESR 07/13). From 2010 to 2015 she has been responsible of the IRCrES research projects within the Piedmont Region Innovation Pole on "*Environmentally sustainable Building*" (EU-POR FESR 07/13). In the field of marine sustainable technologies, she managed an operative unit within the RITMARE governmental program (2012-2016) and, from 2017 to 2021, has been responsible of "The Mirror Platform on the Economic sectors of Blue Growth" within the European CSA H2020 BLUEMED. In the field of Energy efficiency, she was the Task Leader in the CSA Horizon 2020 "HAPPEN - *Holistic AProach and Platform for the deep renovation of the Med residential built Environment*". Since 2022, she is Scientific coordinator of IRCrES group for PNRR "RAISE Robotics and AI for Socio-economic Empowerment" – Spoke 4 "Smart and Sustainable Ports". From 2002 to 2006, she has been visiting professor at the Turin Polytechnics for the courses of "Economics" and "Management". Among the others, she is a member of the *Observatory on Technology Transfer DSU-CNR* and of the *International Foresight S&T Group*, supporting the CNR strategic planning. Her extensive research and publications focus particularly on the economics of innovation and industrial economics, the social-economic impact of green and sustainable technologies, foresight policies and methodologies, and innovation and social policies evaluation.

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

SINCE 1989 TO PRESENT

IRCRES-CNR, Institute of Research on Economic Sustainable Growth - National Research Council of Italy – Via Real Collegio 30, Moncalieri (Turin), Italy
(Former CERIS-CNR Institute of Research on Firm and Growth)

Public research organisation

From 2023, Research Director; from 2020, Senior Researcher. Before Research Scientist.

Main Research Areas: economics of innovation and industrial economics; economic-social impact analysis of green and/or sustainable technologies; foresight policies and methodologies; environmental and social policies evaluation; Citizen science.

Scientific Responsibility of the Research Unit “Innovation” at Ceris-CNR.

Scientific Responsibility of the Research sub-Unit “Evaluation of Innovative Public Policies” at Ceris-CNR.

From 2002 to 2010, Institute Scientific Committee Member at Ceris-CNR

From 2006 to 2008, Research Associate, INRIM-National Institute of Metrological Research (Torino, Italy)

Head of the following Research Projects at IRCRES-CNR (former Ceris-CNR):

1995-1998 - Row materials resistant to corrosion: titanium metal. Technical and economic analysis. - Institute project;

2004-2007 - European project “iMERA - implementing the Metrology European Research Area - ERA NET Coordinating Action – Task on technological Foresight;

2005-2008 -European project EQUAL- PRIMEALI – Task on project monitoring and evaluation

2006-2009 - Independent evaluation POR – FSE (Regional Operative Plan of the European Social fund) Ob.3 2000-2006, Lombardy Region

2009-2015 - Projects within the Innovation Pole on “Environmentally sustainable Building and Hydrogen”, promoted by Piedmont Region, POR FESR 07/13

2011-2012 - Feasibility Study “NANOBUILD” within POR FESR 07/13, Measure I.1.3 Piedmont Region

2012-2016 - “Bioeconomic modelling tools interfaced with Scenario Analysis”, within the Italian Flag Project “RITMARE”

2017 – Member of the Panel of Fisheries Experts in the Project “FISH-IN-SEA - Fisheries, Innovation, Sustainability Environmental Assessment”, DIBAF – Tuscia University, fund by Italian Ministry of Agriculture, Food and Forestry Policies

2017-2020 - Responsible of “The Economy Mirror Platform (Economic sectors of Blue Growth economy in the Mediterranean)”, within the BLUEMED European Coordination and Support Action (Project number: Horizon 2020, BG-13-2016, CSA);

2018-2021 - European CSA, Horizon 2020 “HAPPEN- Holistic Approach and Platform for the deep renovation of the Med residential built Environment”, 2017-2021

2022-2026 – PNRR “RAISE Robotics and AI for Socio-economic Empowerment” (Ligurian Innovation Ecosystem) – Spoke 4 “Smart and Sustainable Ports” – Scientific coordinator of IRCRES group - Co-leader with ENEA of Project 8 “AI tools and technologies for greening ports”.

Networks and Working Groups:

Member “ Osservatorio sul Trasferimento Tecnologico del Dipartimento Scienze Umane DSU-CNR”.

Member of the Research International Centre in "Ecological transition, sustainability and global challenges", promoted by the University of Teramo, Italy (from July 2022)

Member Coordinators Group of the Italian Platforms within BLUEMED European Coordination and Support Action, Horizon 2020.

Member “International Foresight S&T Group”, supporting the CNR (Italian National Research Council) strategic planning.

Member NANOFUTURES - ETIP (European Technology and Innovation Platform).

Member ETEPS - European Techno-Economic Policy Support Network.
 Member "European Regional Foresight Association" – Center of Technology Assessment in Baden-Württemberg, Stuttgart, Germany
 Member Innovation Pole on "Environmentally Sustainable Building and Hydrogen", promoted by Piedmont Region.
 PICMET Country Representative - Italy ("Portland International Centre on Management of Engineering and Technology", Portland State University - USA).
 Member "Euromediterranean Network NETRI-Med".
 Member AIV (Italian Evaluation Association).

• Dates (from – to)	From 2006 to 2008
• Name and address of employer	INRIM-National Institute of Metrological Research (Turin, Italy)
• Type of business or sector	Public research organisation
• Occupation or position held	Research Associate
• Main activities and responsibilities	Participation in the European ERA-Net project iMERA and other research activities

• Dates (from – to)	From 2002 to 2006
• Name and address of employer	Polytechnic University of Turin (Italy)
• Type of business or sector	Public research and teaching organisation
• Occupation or position held	Visiting professor
• Main activities and responsibilities	Teacher of "Economics" and "Management" (in the courses of Mechanical engineering and Electrical engineering)

• Dates (from – to)	1988-1989
• Name and address of employer	Ginatta S.P.A. – Turin (Italy)
• Type of business or sector	Company operating in R&D on Non-ferrous Metals
• Occupation or position held	Economic-financial Analyst
• Main activities and responsibilities	Feasibility studies of research projects, Business plans

EDUCATION AND TRAINING

• Date	1988
• Name and type of organisation providing education and training	University of Turin - Italy
• Principal subjects/occupational skills covered	Economics
• Title of qualification awarded	Degree in Economics (Laurea magistrale)
• Level in national classification (if appropriate)	110/110 cum Laude
• Date	2013 - Summer School in "Statistics for Economics and Social Sciences", Rome, TStat S.r.l.
• Date	2012 – "Econometric Analysis" Summer school – SDIPA, Calabria University (Italy)
• Date	2012 - "Consumer Analytics Advanced Program" post-graduate course - Alma Graduate School, Bologna University-Italy
• Date	2004 - "Foresight post-graduate course" - PREST - Institute of Innovation Research and Science and Technology Policy, Manchester University (UK).
• Date	2002 - "Evaluation and Impact Analysis Course" - Evaluation Project, Turin (Italy)
• Date	2001 - "Evaluation and Performance Analysis Course" - Evaluation Project, Turin (Italy)
• Date	1999 - "Evaluation Methodologies applied at Public Bodies results" - LIUC University, Castellanza (Varese, Italy)
• Date	1993 - "Advanced Econometrics Course" – The WEFA Group – Turin (Italy)
• Date	1992 - "Basic Econometrics Course" – The WEFA Group – Turin (Italy)
• Date	1987 - "Auditing Course" - Ordine Dottori Commercialisti of Turin (Italy)
• Date	1987 - Stage A.I.E.S.E.C on Management and Finance at FIAT-IVECO S.P.A.

PERSONAL SKILLS AND COMPETENCES

*Acquired in the course of life and career
but not necessarily covered by formal
certificates and diplomas.*

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

ENGLISH ("First Certificate in English" – Cambridge University, 1993)

ALTE C1 level

ALTE C1 level

ALTE C1 level

SOCIAL SKILLS AND COMPETENCES

From 2002 to 2006, visiting professor at the Turin Polytechnics for the course of "Economics".

2005-2006 visiting professor at the Turin Polytechnics for the course of "Management".

Referee for some International Journals in the field of environmental Economics

ORGANISATIONAL SKILLS AND COMPETENCES

*Coordination and administration of
people, projects and budgets; at work, in
voluntary work (for example culture and
sports) and at home, etc.*

Coordination and administration of research task groups and research projects.

Chairman of International Conferences sessions.

From 1992, registered Journalist (register of the Piedmont journalists' association, Italy)

ANNEXES

Published works and Conferences

ANNEXES

Selected published works and Conferences

Journal articles

A. Novaresio, M. Cariola, G. Vitali (2024). The role of the artificial intelligence and smart technologies in the green transition of seaports: the study case of Genoa. *Rivista di Economia e Politica dei Trasporti*. Numero 2 - Sezione Speciale Abstract SIET 2024, EUT Edizioni Università di Trieste.
http://www.sietitalia.org/sito_REPT/papers/2024/abstract_SIET_2024.pdf.

A. Novaresio, M. Cariola, (2024). Il ruolo dell'intelligenza artificiale e delle tecnologie robotiche nella transizione ambientale e nella governance climatica dei porti marittimi: il caso di studio di Genova. In Finardi, U. (cur.). *Cambiamento climatico e sostenibilità: una visione multidisciplinare* (pp. 87-105). Quaderni IRCrES 21. CNR-IRCrES. <http://dx.doi.org/10.23760/2499-6661.2024.21.04>

M. Cariola; G. Falavigna; Picenni, F. (2021) Holistic Impact and Environmental Efficiency of Retrofitting Interventions on Buildings in the Mediterranean Area: A Directional Distance Function Approach. *Appl. Sci.* 2021, 11, 10794. <https://doi.org/10.3390/app112210794>

M. Cariola, G. Falavigna (2020). The proposal of a new hybrid methodology for the impact assessment of energy efficiency interventions. An exploratory study. (CNR-IRCrES Working Paper 7/2020). Istituto di Ricerca sulla Crescita Economica Sostenibile. <http://dx.doi.org/10.23760/2421-7158.2020.007>

- M. Cariola, (2017), "Prospettive sostenibili per applicazioni non tessili della lana italiana", in *Politiche Piemonte*, Ires Piemonte, n.45, ISSN 2279-5030.
- M. Cariola, (2017), "Il distretto tessile di Biella tra realtà e potenzialità di sviluppo", in *Politiche Piemonte*, Ires Piemonte, n.45, ISSN 2279-5030.
- M. Cariola, (2016), "Inquinamento urbano, un problema di salute ed economico. Quali risposte", in *Politiche Piemonte*, Ires Piemonte, n.44, ISSN 2279-5030.
- M. Cariola, (2015), "Il Progetto Quadro: un modello vincente di governance a livello regionale?", in *EyesReg, Giornale di scienze regionali*, Vol.5, n°3, ISSN: 2239-3110.
- M. Cariola, A. Manello (2014), "Policies to promote technologies for zero emission Cities: a case of estimation of the social and economic impact and possible advices for urban planning", in *Urbanistica Informazioni*, n° 257, sett.-ott., pagg.35-39. ISSN 0392-5005.
- M. Cariola, E. Pagliarino, S. Pavone, A. Manello (2014), The impact of Rural Development Program on the economic performances of agro-food industry: the results of a counterfactual analysis in Piedmont, Italy", in *WP Ceris-CNR*, n.22/2014.
- M. Cariola, G. Falavigna, E. Pagliarino, S. Pavone, (2014), "Il sistema pesca: Italia e Europa a confronto", in *WP Ceris-CNR*, n.9/2014.
- M. Cariola, V. Moiso, E. Pagliarino (2013), "Da rifiuto a valore aggiunto: la costruzione di una filiera del tessile sostenibile e il caso della lana rustica", in *Culture della sostenibilità*, n.12, pp.163-171.
- M. Cariola, A. Manello (2013), "Inquinamento e costi sociali: una prima stima dei risparmi potenzialmente ottenibili con l'applicazione di materiali nano strutturati in ambito urbano", in *WP Ceris-CNR*, n.11/2013.
- M. Cariola, (2010), "Critical aspects in the management of new technologies: A case study", in *WP Ceris-CNR*, Vol. 12, n.8/2010.
- M. Cariola (2007) "A case of comparative analysis on methods and outcomes of national foresight processes" in *IJFIP-International Journal of Foresight and Innovation Policy*, Vol.3, n°4, pp. 351-368 .
- M. Cariola, S. Rolfo, (2004) "Evolution in the rationales of foresight in Europe" in *Futures*, Vol. 36, n°10, pp.1063-1075.
- M. Cariola, M. Coccia (2003) " Technology Transfer Virtual Network: Analysis within the Italian System of Innovation" in *IJNVO - International Journal of Networking and Virtual Organization*, Vol. 2, n°2, pp.162-172
- M. Cariola (1999), "An high-potential sector: titanium metal. Oligopolistic policies and technological constraints as main limit to its development" in *Resources Policy, the International Journal for Mineral Policy and Economics* 25 (1999), September, pp 151-159.
- M. Cariola, M. Coccia (2002), "Analisi di un sistema innovativo regionale ed implicazioni di policy nel processo di trasferimento tecnologico", in *WP Ceris-CNR*, n.6/2002
- M. Cariola, S. Rolfo, (1999), "La valutazione delle politiche locali per l'innovazione: il caso dei centri servizi in Italia", in *WP Ceris-CNR*, n.1/99.
- M. Cariola (1998), "OCSE: prima conferenza su innovazione e territorio" in *Ricerca e Innovazione*, Turin, n.53.
- M. Cariola (1997), "Struttura ed attività dei centri servizi all'innovazione: vantaggi e limiti dell'esperienza italiana", in *WP Ceris-CNR*, n.19/97.
- M. Cariola (1992), " Processi innovativi per il restauro del libro " in *Ricerca e Innovazione*, Turin, n.28
- M. Cariola, (1990)" Spalmati in polivinilcloruro e in poliuretano" in *Tecnologie tessili*, Milan, n.4.
- M. Cariola (1990), " L'energia pulita delle celle a combustibile ", in *Ricerca e Innovazione*, Turin, n.17.

Books/ Chapters of books

M. Cariola, (2022), "Transition strategies towards a more sustainable marine tourism: some proposals from a European project." In Vitali, G. & Zoppi, I.M. (a cura di). CNR: Case histories in the Blue Planet Economy, Quaderni IRCrES, 1/2022. Moncalieri, TO: CNR-IRCrES.

M. Cariola, (2021), "Roadmaps on green technologies and smart services for sustainable use of the sea", in L. Pretorius, M. Pretorius "MOT for the world of the Future", University of Pretoria, pp.1370-1381, ISBN 978-1-77592-213-1, DOI: 10.52202/060557-0107.

M. Cariola, (2019), "Knowledge driven shared sustainable strategies for the Mediterranean Sea, a case of resilience in a collective educational process", in "Teaching, Learning, Evaluation and technology", Vol II, Proceedings First international Conferences of the Journal Scuola Democratica, Associazione per Scuola Democratica ed., Roma, ISBN: 978-88-944888-1-4.

M. Cariola et Al. (2018), "The BLUEMED Italian White Paper: an overview of relevance, obstacles and proposals of the key sectors for a Blue Growth", BLUEMED Italian White Paper Working Group, CNR Edizioni, Roma, ISBN (print ed.) 978 99 8080 310 2. doi.org/10.5281/zenodo.1306490.

E. Pagliarino, M. Cariola, V. Moiso (2016), "Economia del Tessile Sostenibile: la Lana Italiana", Franco Angeli ed; Milano, ISBN: 978-88-917-1424-4

M. Cariola (2016), "Non solo tessile-abbigliamento: altri usi sostenibili della lana italiana" in E. Pagliarino, M. Cariola, V. Moiso (2016), "Economia del Tessile Sostenibile: la Lana Italiana", Franco Angeli ed, Milano, ISBN: 978-88-917-1424-4

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M. Cariola, G. Falavigna, V. Moiso, E. Pagliarino, (2014), "Il concetto di sostenibilità nella moda: il caso della lana rustica italiana", in C. Coletta et Al. (a cura di) "A Matter of Design. Making Society through Science and Technology", STS Italia Publishing, Milano, pagg. 797-812, ISBN 978-90-78146-05-6.

M. Cariola (2010), *New emerging technologies as a possible boost to the expansion of titanium metal sector*, in Y. Hosni (ed.) "Technology as the Foundation for Economic Growth", IAMOT, Cairo (Egypt).

M. Cariola (a cura di), (2008), *Analisi e valutazione di un modello sperimentale di orientamento al lavoro*, Franco Angeli, Milano.

M. Cariola (2008), *Introduzione: metodologia e struttura della ricerca*, in M. Cariola (a cura di) "Analisi e valutazione di un modello sperimentale di orientamento al lavoro", Franco Angeli, Milano. pp.25-27.

M. Cariola (2008), *Analisi dell'implementazione di un Progetto innovativo nell'ambito delle politiche per il lavoro e l'inclusione sociale*, in M. Cariola (a cura di) "Analisi e valutazione di un modello sperimentale di orientamento al lavoro", Franco Angeli, Milano. pp. 31-50.

M. Cariola (2008), *Il sistema di monitoraggio del Progetto: strumenti e struttura*, in M. Cariola (a cura di) "Analisi e valutazione di un modello sperimentale di orientamento al lavoro", Franco Angeli, Milano. pp.75-85.

M. Cariola (2008), *La valutazione di processo del Progetto: contesto, teoria applicabile, analisi*, in M. Cariola (a cura di) "Analisi e valutazione di un modello sperimentale di orientamento al lavoro", Franco Angeli, Milano. pp.87-105.

M. Cariola (2008), *L'analisi quantitativa dei risultati del Progetto per struttura dell'utenza*, in M. Cariola (a cura di) "Analisi e valutazione di un modello sperimentale di orientamento al lavoro", Franco Angeli, Milano. pp.109-126.

M. Cariola (2008), *Una valutazione della performance complessiva del Progetto: metodologia, analisi per indicatori, Customer Satisfaction*, in M. Cariola (a cura di) "Analisi e valutazione di un modello sperimentale di orientamento al lavoro", Franco Angeli, Milano. pp.127-157.

- M. Cariola (2008), *Dalla valutazione dei risultati del Progetto all'individuazione di best practice*, in M. Cariola (a cura di) "Analisi e valutazione di un modello sperimentale di orientamento al lavoro", Franco Angeli, Milano. pp.317-329.
- M. Cariola (2007), *Technology Foresight in the service economy: a case study*, in H. Sherif (ed.) "Management of Technology for the Service Economy", IAMOT, Miami (FL-USA), pp.2579-2589.
- M. Cariola (2005), *"Le metodologie di valutazione dei centri servizio per il lavoro: dalla letteratura alla proposta di un metodo di analisi di processo e performance"* in G. Vitali. E. Ragazzi (a cura di) "I fabbisogni formativi dei soggetti deboli", Franco Angeli, Milano, pp. 209-238.
- M. Cariola (2004), *"Firms in a regional financial system: asymmetries, globalization and new financial instruments. The case of North-West of Italy"* in C. Chakraborty et C. Jayachandran (eds.) "Managing business in a volatile environment: balancing local and global challenges", Vol. I, Montclair State University Press, NJ-USA.
- M. Cariola (2003), *"The role of a Regional Financial System in supporting the Small and Medium Enterprises: the case of North-West of Italy"* in "Small and Medium Enterprises in European Economy", Editura Alma Mater, Cluj-Napoca, Romania.
- M. Cariola, S. Rolfo (2003), *"From national forecasting to regional foresight: new dynamic approaches confronting increasing complexity. Some evidences from Europe"* in Y.A.Hosni, T.Khalil (eds.) "From Information to knowledge to competence: key success factors for innovation and sustainable development", IAMOT, Nancy (France).
- M. Cariola, M. Coccia (2002), *"A network and virtual organisational model applied to technological transfer processes: a case study within the Italian national system of innovation"* in Quigru Xu et Al. (eds.) "Management of Technology and Innovation in the 21st century", Zhejiang University Press, Hangzhou City, China.
- M. Cariola, M. Coccia (2002), *"The Innovation Sources and Interfaces role in the internet economy: analysis of an Italian Regional System of Innovation"*, in Y Hosni, T.Khalil (eds.) "Drive towards the Internet Economy: opportunity & challenges for developed and developing Regions of the world", IAMOT, Miami (FL-USA).
- M. Cariola, (2001), *Struttura ed attività degli enti di interfaccia tra domanda e offerta di innovazione in Friuli Venezia Giulia*, in S. Rolfo, M. Sancin (a cura di) "Ricerca e tecnologia nel Friuli Venezia Giulia", Area Science Park, n. 13, Trieste.
- M. Cariola, G. Calabrese, S. Rolfo, (2001), *La valutazione delle politiche per l'innovazione a livello regionale*, in L. Paganetto, C. Pietrobelli (a cura di) "Scienza, Tecnologia e Innovazione: Quali Politiche?", Il Mulino, Bologna.
- M. Cariola, (2000), *Politiche locali per l'innovazione in Italia: riferimenti teorici ed empirici per una loro valutazione*, in G. Vitali, S. Rolfo (a cura di) "Ripensare la politica industriale oggi - Innovazione e modernizzazione del paese", Torino, Ceris-CNR.
- M. Cariola (1999), *The role of innovation centres as support to small and medium enterprises. The italian case*, in G.Capaldo, M. Raffa (edited by) "Innovation ed Economic Development: the role of Entrepreneurship and SME's", Edizioni Scientifiche Italiane, Napoli.
- M. Cariola, (1999), *Percorsi di diversificazione nel tessile-abbigliamento: il ruolo dell'innovazione tecnologica tra le PMI del tessile tecnico in Piemonte*, in S. Rolfo (a cura di) "Innovazione e piccole imprese in Piemonte", Franco Angeli, Milano.
- M. Cariola (1997), *I centri servizi all'innovazione in Italia*, in S. Rolfo (a cura di) "Innovazione, piccole imprese e distretti industriali", CNEL, Roma, n. 7.
- M. Cariola, (1996), *Il Titanio, un metallo per molteplici applicazioni. Analisi tecnologica e valutazioni economiche*, Franco Angeli, Milano.
- AA.VV. (1994), *Lo stato delle tecnologie in Italia*, CNEL, Roma, n. 47, par. III.3,V.1, V.2 V.3.
- M. Cariola, (1993), *Informazione, ricerca e innovazione nell'agroindustria*, in: M. Gerbi-Sethi (a cura di) "Struttura, redditività e sviluppo delle industrie alimentari in Italia", Quaderni Ceris, Torino, n.1/93.

M. Cariola, (1992), *Il piombo primario e secondario: aspetti tecnici, economici e normativi*, (pagg. 197) in: M. Cariola, G.M. Gros-Pietro "Processi e materie a rischio, materie pulite: piombo, titanio", Quaderni Ceris, Torino, n. 1/ 92.

M. Cariola, G.M. Gros-Pietro, (1992), *Idee nuove nella crescita economico-industriale del titanio: un materiale per le tecnologie pulite*, in: M. Cariola, G.M. Gros-Pietro "Processi e materie a rischio, materie pulite: piombo, titanio", Quaderni Ceris, Torino, n. 1/ 92.

Conferences (published proceedings)

A. Novaresio, M. Cariola, G.Vitali (2024) "The role of the artificial intelligence and smart technologies in the green transition of seaports: the study case of Genoa", SIET Società Italiana di Economia dei Trasporti e della Logistica, Milano, pubblicato in: R.E.PO.T , Rivista di Economia e Politica dei Trasporti, Anno 2024, Numero 2

M. Cariola, (2024) "Possible trajectories for a sustainable management of Mediterranean marine-coastal territories to transform marine research into Blue growth", EMCEI, 6th Euro-Mediterranean Conference for Environmental Integration, 15-18 May 2024, Marrakesh.

M. Cariola, (2021)," Roadmaps on green technologies and smart services for sustainable use of the sea", Proceedings IAMOT, 30th International Conference on Management of Technology, 19-23 September, Cairo, ISBN 978-1-77592-213-1, DOI: 10.52202/060557-0107.

M. Cariola, (2019)," Knowledge driven shared sustainable strategies for the Mediterranean Sea, a case of resilience in a collective educational process", Proceedings First international Conferences of the Journal Scuola Democratica, Vol II , 6-8 June 2019, Cagliari.

M. Cariola, E. Pagliarino, A. Pronti (2017)," "Scenarios on economic and environmental impact of new fishing technologies", Proceedings IAMOT, 26th International Conference on Management of Technology, 15-18 May, Vienna, ISBN 978-3-200-04986-4

A. Pronti, M. Cariola, E. Pagliarino, (2017)," New green technologies in fishery, a cost benefits analysis", IAMOT, Proceedings 26th International Conference on Management of Technology, 15-18 May, Vienna, ISBN 978-3-200-04986-4.

M. Cariola E. Pagliarino, (2015), "A case of sustainable innovation applied to textile industry", IAMOT 2015 – 22nd International Conference on Management of Technology: Technology, Innovation and Management for Sustainable Growth", Cape Town - South Africa, June 8 - 11, ISBN: 978-1-77592-111-0

M. Cariola, G. Falavigna, V.Moiso, E. Pagliarino, (2014), " Il concetto di sostenibilità nella moda: il caso della lana rustica italiana", in *Proceedings of the 5th STS Conference "A Matter of Design. Making Society through Science and Technology"*, Milano, 12-13/06/2014, ISBN 978-90-78146-05-6

M. Cariola E. Pagliarino, V. Moiso (2014), "The Italian rustic wool: a case of transformation from waste to sustainable resource", ERSA 54th Congress Regional development & globalisation: Best practices -G_Q Natural environment, resources, and sustainable development, Saint Petersburg, Russia, 26-29 August 2014.

E. Pagliarino, M. Cariola S. Pavone, A. Manello (2014), "Public policy for the agro-food industry and economic performances: evidences from Piedmont, Italy", ERSA 54th Congress - Regional development & globalisation: Best practices, Saint Petersburg, Russia, 26-29 August 2014

M. Cariola, V.Moiso, E. Pagliarino, (2014), "From waste to value added: the construction of chains of sustainable textiles and the case of rustic wool", ResourceEnvironment: policies, practices and cultures of innovative sustainability - IX Italian National Conference of Environmental Sociologists, Naples, October, 4th-5th, 2013

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