

# EUROPEAN CURRICULUM VITAE



## PERSONAL INFORMATION

Name	Monica Cariola
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ORCID and SCOPUS links	<a href="https://orcid.org/0000-0001-8695-8591">https://orcid.org/0000-0001-8695-8591</a> <a href="http://www.scopus.com/inward/authorDetails.url?authorID=6506026783&amp;partnerID=MN8TOARS">http://www.scopus.com/inward/authorDetails.url?authorID=6506026783&amp;partnerID=MN8TOARS</a>
E-mail	monica.cariola@ircres.cnr.it
Nationality	Italian
Date of birth	10 JULY 1962
Gender	Female

### Summary

Laurea 110/110 cum laude in Economics (1988), University of Turin and postgraduate in Foresight at PREST, Manchester University (UK). After 2 year as Economic-financial Analyst in a Company operating in R&D on innovative processes for producing Metals, since 1989 she is Research scientist at IRCrES, (former CERIS) the Research Institute on Sustainable Economic Growth of the National Research Council of Italy (CNR), the main institute of CNR specialized in applied industrial, environmental and managerial economics, where she has been Scientific Leader of the Research Units "Innovation" and "Innovative public policy evaluation". She has been Project leader for IRCrES-CNR 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). In the building sector she was responsible of the research projects within the Innovation Pole on "Environmentally sustainable Building" (Piedmont Region, 2010-2015) and task leader within the CSA H2020 "HAPPEN - Holistic APproach and Platform for the deep renovation of the Med residential built Environment" (2018-2021). In the marine sector, with reference to sustainable technologies/resources, she has been responsible of an OU within the RITMARE governmental project (2012-2016) and coordinator of "The Economy Mirror Platform - Economic sectors of Blue Growth" within the European CSA BLUEMED (Horizon 2020, 2017-2021). From 2002 to 2006 she has been visiting professor at the Turin Polytechnics for the courses of "Economics" and of "Management". Among the others, she is member of the "International Foresight S&T Group", supporting the CNR strategic planning. Her extensive research and publications are in particular on: economics of innovation and industrial economics, social-economic impact of green technologies, sector analysis, technology foresight policies and methodologies, innovation and social policies evaluation.

## WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer  
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
- Type of business or sector
- Occupation or position held  
Senior Research Scientist
- Main activities and responsibilities  
**Main Research Areas:** economics of innovation and industrial economics; economic-social impact analysis of green technologies; technology foresight policies and methodologies; innovation and social policies evaluation.  
  
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)

### WP or Task leader of the following Research Projects at IRCRES-CNR (former Ceris-CNR):

1995-1998 - Raw 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

### Networks and Working Groups:

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).

<ul style="list-style-type: none"> <li>• Dates (from – to)</li> </ul>	From 2006 to 2008
<ul style="list-style-type: none"> <li>• Name and address of employer</li> </ul>	INRIM-National Institute of Metrological Research (Turin, Italy)
<ul style="list-style-type: none"> <li>• Type of business or sector</li> </ul>	Public research organisation
<ul style="list-style-type: none"> <li>• Occupation or position held</li> </ul>	Research Associate
<ul style="list-style-type: none"> <li>• Main activities and responsibilities</li> </ul>	Participation in the European ERA-Net project iMERA and other research activities
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> </ul>	From 2002 to 2006
<ul style="list-style-type: none"> <li>• Name and address of employer</li> </ul>	Polytechnic University of Turin (Italy)
<ul style="list-style-type: none"> <li>• Type of business or sector</li> </ul>	Public research and teaching organisation
<ul style="list-style-type: none"> <li>• Occupation or position held</li> </ul>	Visiting professor
<ul style="list-style-type: none"> <li>• Main activities and responsibilities</li> </ul>	Teacher of "Economics" and "Management" (in the courses of Mechanical engineering and Electrical engineering)
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> </ul>	1988-1989
<ul style="list-style-type: none"> <li>• Name and address of employer</li> </ul>	Ginatta S.P.A. – Turin (Italy)
<ul style="list-style-type: none"> <li>• Type of business or sector</li> </ul>	Company operating in R&D on Non-ferrous Metals
<ul style="list-style-type: none"> <li>• Occupation or position held</li> </ul>	Economic-financial Analyst
<ul style="list-style-type: none"> <li>• Main activities and responsibilities</li> </ul>	Feasibility studies of research projects, Business plans

## EDUCATION AND TRAINING

<ul style="list-style-type: none"> <li>• Date</li> </ul>	1988
<ul style="list-style-type: none"> <li>• Name and type of organisation providing education and training</li> </ul>	University of Turin - Italy
<ul style="list-style-type: none"> <li>• Principal subjects/occupational skills covered</li> </ul>	Economics
<ul style="list-style-type: none"> <li>• Title of qualification awarded</li> </ul>	Degree in Economics (Laurea magistrale)
<ul style="list-style-type: none"> <li>• Level in national classification (if appropriate)</li> </ul>	110/110 cum Laude
<ul style="list-style-type: none"> <li>• Date</li> </ul>	2013 - Summer School in "Statistics for Economics and Social Sciences", Rome, TStat S.r.l.
<ul style="list-style-type: none"> <li>• Date</li> </ul>	2012 – "Econometric Analysis" Summer school – SDIPA, Calabria University (Italy)
<ul style="list-style-type: none"> <li>• Date</li> </ul>	2012 - "Consumer Analytics Advanced Program" post-graduate course - Alma Graduate School, Bologna University-Italy
<ul style="list-style-type: none"> <li>• Date</li> </ul>	2004 - "Foresight post-graduate course" - PREST - Institute of Innovation Research and Science and Technology Policy, Manchester University (UK).
<ul style="list-style-type: none"> <li>• Date</li> </ul>	2002 - "Evaluation and Impact analysis Course" - Evaluation Project, Turin (Italy)
<ul style="list-style-type: none"> <li>• Date</li> </ul>	2001 - "Evaluation and Performance analysis Course" - Evaluation Project, Turin (Italy)
<ul style="list-style-type: none"> <li>• Date</li> </ul>	1999 - "Evaluation Methodologies applied at Public Bodies results" - LIUC University, Castellanza (Varese, Italy)
<ul style="list-style-type: none"> <li>• Date</li> </ul>	1993 - "Advanced Econometrics Course" – The WEFA Group – Turin (Italy)
<ul style="list-style-type: none"> <li>• Date</li> </ul>	1992 - "Basic Econometrics Course" – The WEFA Group – Turin (Italy)
<ul style="list-style-type: none"> <li>• Date</li> </ul>	1987 - "Auditing Course" - Ordine Dottori Commercialisti of Turin (Italy)
<ul style="list-style-type: none"> <li>• Date</li> </ul>	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

<ul style="list-style-type: none"> <li>• Reading skills</li> <li>• Writing skills</li> <li>• Verbal skills</li> </ul> <p><b>SOCIAL SKILLS AND COMPETENCES</b></p> <p><i>Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.</i></p>	<p>ENGLISH ("First Certificate in English" – Cambridge University, 1993)</p> <p>ALTE C1 level</p> <p>ALTE C1 level</p> <p>ALTE C1 level</p> <p>From 2002 to 2006, visiting professor at the <u>Turin Polytechnics</u> for the course of "Economics". 2005-2006 visiting professor at the <u>Turin Polytechnics</u> for the course of "Management". Referee for some International Journals in the field of environmental Economics</p> <p>Coordination and administration of research task groups and research projects.</p> <p>Chairman in International Conferences sessions.</p> <p>From 1992 registered Journalist (register of the Piedmont journalists' association, Italy)</p>
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## ANNEXES      Published works and Conferences

### ANNEXES

#### Selected published works and Conferences

##### Journal articles

Cariola, M.; Falavigna, G.; 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

M. Cariola; S. Pavone (2016), “Settore tessile e comparto laniero in Italia” 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

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, Montclear 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 Quigrui Xu et Al. (eds.) “Management of Technology and Innovation in the 21<sup>st</sup> century”, Zhejiang University Press, Hangzhou City, China.

M. Cariola, M. Coccia (2002), “*The Innovation Sources and Interfaces role in the internet economy: analisys 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)**

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: 10.5220/060557-0107.

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", ResourcEnvironment: policies, practices and cultures of innovative sustainability - IX Italian National Conference of Environmental Sociologists, Naples, October, 4th-5th, 2013

M. Cariola, A. Manello (2013) "Social and economic impact evaluation in a case of green technology", IAMOT 2013 – 22nd International Conference on Management of Technology: Science, Technology and Innovation in the Emerging Markets Economy", Porto Alegre, Brasil April 14th - 18th, ISBN: 0-9815817-6-5

M. Cariola (2010), "New emerging technologies as a possible boost to the expansion of titanium metal sector", IAMOT 2010 - 19th International Conference on Management of Technology", Cairo (Egypt), March 7-11.

M. Cariola (2007), "Technology Foresight in the service economy: a case study", IAMOT 2007 - 16th International Conference on Management of Technology", Miami (FL-USA), May 13-17.

M. Cariola (2006), "National specific R&D programmes and Foresight activities in Europe: some evidences from a survey", ICTM 2006 - International Conference on Technology Management, Putrajaya, Malaysia 4 - 5 December.

M. Cariola (2006), "Impact of FTA activities in implementing specific national R&D programmes from a NSI viewpoint: some results from a survey in Europe", Second International Seville seminar on Future-Oriented Technology Analysis (FTA), 27-29 September, Seville (Spagna)

M. Cariola, A. Sacconi (2006), "European Foresight processes on Metrology R&D", IMEKO XVIII World Congress, 17-21 September, Rio de Janeiro (Brasile).

M. Cariola (2004), "Interrelazioni tra modelli organizzativi territoriali, sistemi innovativi e sviluppo locale" in atti "Il Territorio: da Risorsa a Prodotto - XX Incontro Internazionale Arethuse (Associazione di Incontri Economici Tematici delle Università dell'Europa del Sud)", 22 – 24 Settembre, Capo Vaticano, Italia.

M. Cariola (2004), "Alternative ways to the growth of the SMEs in Italy: the potential role of new financial tools" in Proceedings "The International Conference on Small and Medium Size Enterprises: Strengths, Weaknesses, Opportunities, Threats" Lefkada, Greece, August 30-31, September 1st.

M. Cariola (2004), "Firms in a regional financial system: asymmetries, globalization and new financial instruments. The case of North-West of Italy" in Proceedings "The 8th International Conference on Global Business and Economic development", Guadalajara, Mexico, January 7-10.

M. Cariola (2003), "Relationship between the changes in the European social-economic context and foresight" in "The 4th eForesee International Conference", Malta, November 13-14.  
(Published on-line)

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 Proceedings "The International Conference Small and Medium Enterprises in European Economy", Cluj-Napoca, Romania, October 17-18.

M. Cariola, S. Rolfo (2003), "From national forecasting to regional foresight: new dynamic approaches confronting increasing complexity. Some evidences from Europe" in Proceedings "IAMOT 2003 - 12th International Conference on Management of Technology", Nancy (France), May 13-15.

M. Cariola (2003), "Contributo allo sviluppo locale di attori istituzionali operanti in un sistema innovativo regionale: un caso di studio" Congresso annuale AIV 2003, Reggio Calabria 10-11 aprile (Published on-line)

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 Proceedings "The 3rd International Symposium on Management of Innovation and Technology" Hangzhou City, China, Oct. 25-27.

M. Cariola, M. Coccia (2002), "The Innovation Sources and Interfaces role in the internet economy: analisys of an Italian Regional System of Innovation", in Proceedings "IAMOT 2002 - 11th International Conference on Management of Technology", Miami (FL-USA), March 11-14.

M. Cariola (2001), "Enti di servizio alle imprese ed alle pubbliche amministrazioni: quali indicatori di performance?", in atti "Valutazione delle performance aziendali e sistemi innovativi", Florence, 22-23 November.

M. Cariola (2001), "Sistemi innovativi locali ed interfacce all'innovazione: esame di un caso concreto", in atti "Percorsi innovativi e sviluppo dell'impresa – XII Riunione scientifica nazionale dell'AiIG" Parma, 8-9 November.

M. Cariola, (2001), Profilo storico ed evoluzione strutturale del settore del titanio, in atti "Congresso annuale AIT, Associazione Italiana Titanio", Parma, 18 maggio. (Published on CD rome)

M. Cariola, (2000), Politiche locali per l'innovazione in Italia: riferimenti teorici ed empirici per una loro valutazione, in "GEI - XI giornata Momigliano – Innovazione e modernizzazione del paese", Torino, 28 febbraio.

M. Cariola, G. Calabrese, S. Rolfo, (2000), Principi teorici ed evidenze empiriche nella valutazione delle politiche per l'innovazione delle regioni italiane, in "III Congresso annuale AIV", Turin, 23-25 march. (Published on-line)

M. Cariola (1999), "The role of innovation centres as support to small and medium enterprises. The italian case" in Proceedings 44th World Conference" Innovation and economic development: the role of small and medium enterprises", Naples, 20-23 June.

M. Cariola, S. Rolfo, (1999) "La valutazione delle politiche locali per l'innovazione: il caso dei centri servizi in Italia", in atti "Seminario del Progetto Speciale CNR: Sistemi tecnologici, valutazione della ricerca e politiche per l'innovazione", Roma, 10 giugno.

M. Cariola, S. Rolfo, (1998) "Innovation Centres as tool for the local technological policy. Advantages and limits of the italian experience", in Proceedings "2nd International Conference on Technology Policy and Innovation", Lisbon, 3-5 August.

M. Cariola, G. M. Gros-Pietro, (1990) " Idee nuove nella crescita economico-industriale del titanio" in atti "VI Meeting internazionale sul Titanio", Turin, November 23rd.

## Scientific Reports/ Conference book of abstracts

M. Cariola, G. Falavigna (2022), "A case of civic participation in a European project to promote the energy efficiency of residential buildings", in 11 WEEC international Conference Book of abstracts, March 14-18, Prague.

M. Cariola, G. Falavigna (2020), "Report on the holistic impacts on renovation integrated solutions", Deliverable D 3.5 del Progetto Europeo H2020 HAPPEN (*Holistic Approach and Platform for the deep renovation of the Med residential built Environment*), Grant Agreement: 785072.

M. Cariola, (2021), "Strategie di transizione verso l'energia rinnovabile marina (MRE) per i settori marino-costieri" in XLII Scientific Annual Conference AISRe online Book of Abstracts, 8-10 September 2021.

M. Cariola, (2020), "Green economy in the transport and shipbuilding sector: towards a cleaner and more connected maritime transport" in XLI Scientific Annual Conference AISRe online Book of Abstracts, 2-4 September 2020.

M. Cariola, (2019), "Percorsi innovativi per un turismo marino più sostenibile" in XL Scientific Annual Conference AISRe Book of Abstracts, 16-18 September 2019, L'Aquila.

M. Cariola, (2018), "Percorsi alternativi per la lana italiana a supporto di economie locali, in un'ottica di Green Economy" in XXXIX Scientific Annual Conference AISRe Book of Abstracts, 17-19 September 2018, Bolzano.

M. Misiti, P. Demurtas, A. Castelli, A. Menniti, MG. Caruso, M. Crisi E. Ragazzi, I. Benati, M. Cariola, G. Falavigna, A. Manello (2018), "*Rapporto finale dell'attività di ricerca e valutazione in materia di cariche elettive e di governo*", relativo al progetto "Valutazione dell'impatto delle misure di riequilibrio di genere previste dalla legislazione vigente in materia di cariche elettive e di governo" - Dipartimento per le Riforme Istituzionali della Presidenza del Consiglio dei Ministri (DRI) e Consiglio Nazionale delle Ricerche.

M. Cariola, E. Pagliarino, A. Pronti (2017), "Scenari di diffusione delle innovazioni", deliverable SP2\_WP5\_AZ4\_D9 relativa a "Modellistica bioeconomica interfacciata con le analisi di scenario" – sotto-azione SP2\_WP5\_AZ4\_UO02, nell'ambito del Progetto Bandiera RITMARE, SP2 - Tecnologie per la Pesca Sostenibile.

M. Cariola, (2016), "Inquinamento urbano: un problema non solo di salute. La Green economy può essere una risposta anche sul piano economico?" in XXXVII Scientific Annual Conference AISRe Book of Abstracts, 20-22 September 2019, Ancona.

M. Cariola et Al. (2016), "Report on technological innovations and management scenario's to mitigate fishing impacts on the benthic ecosystem and their socio-economic consequences in regional seas", Deliverable finale 7.9 del Progetto Europeo BENTHIS - Benthic Ecosystem Fisheries Impact Study, Grant Agreement number: 312088.

M. Cariola, V. Moiso, E. Pagliarino, S. Pavone (2014), Valutazione economica della Filiera Tessile Sostenibile, Relazione finale del progetto Filiera del Tessile Sostenibile Fase II - 2012/2014, Capitolo 5.

M. Cariola (2012), *Valutazione dell'impatto socio-economico dell'uso di materiali nano-tecnologici in edilizia*, Final Report Feasibility Study "NANOBUILD-Nanomateriali in edilizia" - POR FESR 07/13- Misura I.1.3 Innovation Poles - Piemonte Region.

M. Cariola (a cura di), (2008), *Le Politiche per l'Active Ageing nel POR FSE Lombardia: Tipologie, strumenti, esperienze e proposte*. Approfondimento tematico per Valutazione indipendente POR FSE Ob.3, Regione Lombardia.

M. Cariola (a cura di), (2008), *L'offerta formativa regionale: evoluzione, struttura, potenzialità e limiti*. Approfondimento tematico per Valutazione indipendente POR FSE Ob.3, Regione Lombardia.

M. Cariola (a cura di), (2008), *La Sovvenzione Globale Saturno "Promuovere e sviluppare l'imprenditoria lombarda attraverso un sistema a rete" Misura D3 POR Ob. 3 FSE: logica, funzionamento, risultati*. Approfondimento tematico per Valutazione indipendente POR FSE Ob.3, Regione Lombardia.

M. Cariola (a cura di), (2007), *I Progetti Quadro: Logica, funzionamento e risultati nella programmazione Por Ob.3, 2000-2006 ed in particolare nelle misure C3 e D1*, Approfondimento tematico per Valutazione indipendente POR FSE Ob.3, Regione Lombardia.

M. Cariola (a cura di), (2007), *Le azioni per l'imprenditorialità femminile nella misura E1: i progetti della Sovvenzione Globale Futura*. Approfondimento tematico per Valutazione indipendente POR FSE Ob.3, Regione Lombardia.

M. Cariola, A. Sacconi, V. Fericola, G. Marullo Reedtz, (2006), *Report T 1.2 – Overview of national foresight processes*, WP1 – Systematic Exchange of Information and Best Practice in European Research Project "Implementing the Metrology European Research Area – iMERA ERA-NET Coordinating Action".

M. Cariola, A. Sacconi, V. Fericola, G. Marullo Reedtz, (2006), *Report T 2.1 – Assessing existing foresight information*, WP2 – Strategic Activities in European Research Project "Implementing the Metrology European Research Area – iMERA ERA-NET Coordinating Action.

Calabrese G., Cariola M., Defazio D., Ragazzi E., Ressico A., Rolfo S., Salvador E. (2006), "Un modello di Polo tecnologico in Valtellina", Report Ceris.

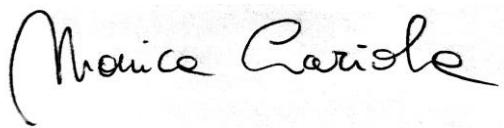
Monica Cariola (2003), "Le metodologie di valutazione dei centri servizio per il lavoro: dalla letteratura alla proposta di un metodo di analisi di processo e performance" in Rapporto per Progetto EASY "Valorizzazione ed occupabilità" della Regione Piemonte.

Monica Cariola (2003) "Il rapporto tra sistema imprenditoriale e sistema bancario nel futuro del Piemonte" in "Le tendenze dell'economia piemontese" Rapporto per il Forum di Stresa, Federpiemonte, 27-28 giugno 2003.

M. Cariola, (2000), *Struttura ed attività degli enti di interfaccia tra domanda e offerta di innovazione in Friuli Venezia Giulia*, in S. Rolfo (a cura di) "Rapporto per la conferenza sullo stato della ricerca in Friuli Venezia Giulia", 9 ottobre.

M. Cariola (1998), *I bisogni di innovazione tecnologica delle PMI del settore tessile-tecnico nella provincia di Torino*, Rapporto per P. Annunziato, A. Montanino (a cura di), "Road Map for Italy, Indagine sui bisogni tecnologici delle PMI ", Sipi, Roma, 1999.

M. Cariola, (1996), *Programmi di investimento in infrastrutture e ricerca in Italia*, Rapporto interno Ceris per il CNEL.



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