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Mario Cozzi

Date of birth: 02/01/1975 | **Nationality:** Italian | **Gender:** Male | **Phone:** (+39) 3420256425 (Mobile) | **Email address:** mario.cozzi@unibas.it | **Address:** Viale dell'Ateneo Lucano 10, 85100, Potenza, Italy (Work)

EDUCATION & TRAINING

20/04/2000

MSC IN FORESTRY SCIENCES (5 YEARS DEGREE)- FACULTY OF AGRICULTURE – UNIVERSITY OF BASILICATA, ITALY

Field(s) of study: Environmental Economics | **Final grade:** MSc | **Thesis:** Natural resources economic value appraisal: the case of the Val d'Agri and Lagonegrese National Park

2002 - 2007 - FLORENCE, ITALY

PHD- AGRICULTURE FACULTY, UNIVERSITY OF FLORENCE, FLORENCE

Field(s) of study: Agriculture, forestry, rural development, environmental risk | **Final grade:** PHD | **Thesis:** The regional map of land use as a tool for territorial and urban planning in the Basilicata region

30/11/2003 - 30/11/2006 - POTENZA, ITALY

RESEARCH FELLOW- FACULTY OF AGRICULTURE – UNIVERSITY OF BASILICATA, ITALY

Sustainability and renewable energy sources: identification of evaluation models for the production and consumption of biomass for energy purposes through the use of multi-criteria analysis

Field(s) of study: Agriculture, forestry, fisheries and veterinary not further defined | **Thesis:** Sustainability and renewable energy sources: identification of evaluation models for the production and consumption of biomass for energy purposes through the use of multi-criteria analysis | **Address:** 85100

2002 - 2003 - POTENZA, ITALY

RESEARCH FELLOW- FACULTY OF AGRICULTURE – UNIVERSITY OF BASILICATA, ITALY

Sustainability and renewable energy sources: identification of evaluation models for the production and consumption of biomass for energy purposes through the use of multi-criteria analysis

Field(s) of study: Agriculture, forestry | **Address:** 85100

2007 - 2009 - POTENZA, ITALY

POST DOCTORAL SCHOLARSHIP- FACULTY OF AGRICULTURE – UNIVERSITY OF BASILICATA, ITALY

Multi-criteria analysis models for land use planning and sustainable management of natural resources

Field(s) of study: Agriculture, forestry, rural development | **Address:** 85100

WORK EXPERIENCE

01/02/2016 - CURRENT - POTENZA, ITALY

ASSOCIATE PROFESSOR ON FOREST POLICY AND ECONOMICS DEPARTMENT OF AGRICULTURAL, FORESTRY, FOOD AND ENVIRONMENTAL SCIENCES, UNIVERSITY OF BASILICATA

Teaching, research and academic responsibilities in agricultural and forest economics, rural appraisal, environmental valuation and territorial planning. Main activities include:

- design, coordination and implementation of national and international research projects;
- economic valuation of ecosystem services and natural resources;
- rural and regional development policies;
- sustainable management of forests and protected areas;
- land-use planning and spatial decision-support systems;
- development of agro-energy and bioeconomy value chains;
- economic assessment of investments in rural areas;
- enhancement of local products and rural tourism systems;
- wildlife management and economic assessment of hunting resources;
- supervision of undergraduate, postgraduate and doctoral students;
- dissemination of research results and stakeholder engagement.

Teaching activities include courses in Agricultural Economics and Policy and Economic, Territorial and Environmental Planning.

Member of the PhD Programme Board in Agricultural, Forestry and Food Sciences since April 2012, with responsibilities within the Agricultural, Forestry and Environmental Sciences curriculum.

Reviewer and editor for national and international scientific journals in the fields of agricultural economics, environmental valuation, land-use planning and natural-resource management.

Business or sector Agriculture, forestry and fishing | **Department:** Agricultural, Forestry, Food and Environmental Sciences, Basilicata University

12/2011 - 31/01/2016 - POTENZA, ITALY

FULL-TIME RESEARCHER SCHOOL OF AGRICULTURAL, FORESTRY, FOOD AND ENVIRONMENTAL SCIENCES, UNIVERSITY OF BASILICATA

Main field of research: forest and natural resources governance; forest policy analysis; EU rural development policy; trade of wood and non wood forest products; payments for environmental services (ES); sustainable forest management standards.

Business or sector Agriculture, forestry and fishing

01/2005 - 12/2011 - POTENZA, ITALY

LECTURER/AGGREGATE PROFESSOR SCHOOL OF AGRICULTURAL, FORESTRY, FOOD AND ENVIRONMENTAL SCIENCES, UNIVERSITY OF BASILICATA

Expert for the disciplines related to the Economic and Rural Estimation Area and member of the exam commission for the courses "Environmental assessments and investment analysis in mountain territories", "Forest appraisal", "Environmental management systems", "Territorial economic planning and environmental "," Forest economy and policy "at the Faculty of agriculture of the Basilicata University.

Business or sector Agriculture, forestry and fishing

2010 - 2011 - POTENZA, ITALY

EXTERNAL CONSULTANT SCHOOL OF AGRICULTURAL, FORESTRY, FOOD AND ENVIRONMENTAL SCIENCES, UNIVERSITY OF BASILICATA

GIS data creation and updating; geographical multi-criteria elaboration and analysis aimed at designing energy supply basins on a regional and local scale.

2010 - 2011 - POTENZA, ITALY

EXTERNAL CONSULTANT SCHOOL OF AGRICULTURAL, FORESTRY, FOOD AND ENVIRONMENTAL SCIENCES, UNIVERSITY OF BASILICATA

Biomass availability classification of in the Basilicata Region in terms of quantity and type, chemical-physical characteristics and location; definition of the potential of energy conversion; determination of the costs of collection and transport of biomass to the transformation centers.

Business or sector Professional, scientific and technical activities

2009 - 2010 - POTENZA, ITALY

EXTERNAL CONSULTANTSCHOOL OF AGRICULTURAL, FORESTRY, FOOD AND ENVIRONMENTAL SCIENCES, UNIVERSITY OF BASILICATA

Environmental and agri-food resources analysis, socio-economic structure, infrastructures and governance/planning processes that act on the typical products system of the Agri Valley

Business or sector Professional, scientific and technical activities

2009 - 2011 - POTENZA, ITALY

EXTERNAL CONSULTANTBASILICATA REGION - DIPARTIMENTO AMBIENTE, TERRITORIO E POLITICHE DELLA SOSTENIBILITÀ

Natura 2000 Network Project - Management plans, monitoring, protection and conservation measures for Basilicata region protected areas

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B1	B1	A2	A2	B1

SKILLS

Microsoft Word | Microsoft Excel | google | youtube | gmail | social media | microsoft powerpoint | GIS (Q-GIS, Arc-GIS) | google drive | microsoft office

PROJECTS

30/11/2023 - 30/11/2025

CRITERIA A cohesive framework to integrate eCosystem seRvices wIThin wildfirE Risk mItigation strAtegies (CRITERIA). PRIN 2022 PNRR – Projects of Relevant National Interest, project code P2022A8HZ2.

Role: Head of the University of Basilicata Research Unit.

Research activities focus on the assessment and economic valuation of ecosystem services affected by wildfires and on the integration of ecosystem-service values into wildfire risk-mitigation strategies.

30/11/2021 - 31/12/2025

AGRITECH National Research Centre for Agricultural Technologies – AGRITECH, project code CN00000022, Spoke 7: *Integrated models for the development of marginal areas to promote multifunctional production systems enhancing agro-ecological and socio-economic sustainability* . PNRR – NextGenerationEU.

Role: Task Leader of Task 7.2.2 for Basilicata University – "Promotion of wood and non-timber forest products, food and non-food chains (ecosystem services)".

Activities concern the assessment and mapping of ecosystem services to support smart policies, generate economic and social benefits, and enhance agroforestry value chains in marginal areas.

30/11/2021 - 31/12/2025

Tech4You Technologies for climate change adaptation and quality of life improvement, project code ECS00000009, CUP C43C22000400006. PNRR – Innovation Ecosystem involving the Universities and research institutions of Basilicata and Calabria.

Role: Research team member in Spoke 2 and Spoke 4.

- **Spoke 2 – Technologies to reduce energy consumption and save biodiversity.** Research activities concerning climate neutrality, biodiversity conservation, sustainable resource management and the resilience of local communities.
- **Spoke 4 – Safeguarding and promoting natural and cultural heritage to mitigate climate change impact and strengthen local identity.** Research activities concerning the protection, enhancement and sustainable management of natural and cultural heritage.

Tech4You S.c.a.r.l.

Link https://www.tech4youscarl.it/

30/11/2018 - 30/11/2021

BIOFEEDSTOCK Development of integrated technological platforms for the valorisation of residual biomass. Project funded under the Italian National Operational Programme for Research and Innovation 2014–2020 and the Development and Cohesion Fund.

Role: Research team member.

The project developed integrated technological and decision-support solutions for overcoming logistical and technological barriers to the sustainable use of residual biomass in advanced valorisation pathways consistent with circular-economy principles.

01/01/2018 - 01/01/2019

Development potential of renewable energy sources Assessment of the development potential of renewable energy sources in the bioenergy sector in the Basilicata Region. Project funded by Fondazione Eni Enrico Mattei – FEEM.

Role: Research team member.

Research activities concerned the territorial availability of biomass resources, the technical and economic feasibility of bioenergy supply chains and their potential contribution to regional sustainable-development strategies.

Per questa voce nel curriculum non è indicato il periodo di svolgimento: prima della versione definitiva occorre recuperare almeno l'anno iniziale e finale.

30/11/2016 - 30/11/2018

INDICATE Indexing of Regional Environmental Criticalities and **Risk Communication and Social Mediation**. Projects funded by FARBAS – Foundation of the Regional Environmental Observatory of Basilicata.

Role: Research team member.

Research activities focused on identifying, classifying and spatially representing regional environmental pressures and criticalities, as well as analysing approaches for environmental-risk communication and stakeholder engagement.

30/11/2013 - 30/11/2014

Renewable energy from biomass and unconventional water resources Strategic guidelines for the development of renewable-energy supply chains based on biomass and unconventional water resources. Project funded by the Basilicata Region.

01/01/2013 - 30/11/2017

SMART Basilicata Smart Cities and Communities and Social Innovation, Research Objective 2 "Smart Energy": *Decision-support systems for the widespread implementation of agroenergy supply chains*. Project funded by the Italian Ministry of Education, University and Research under Call No. 84/Ric/2012, National Operational Programme 2007–2013.

Role: Scientific Coordinator of the research activity on decision-support systems for agroenergy supply

chains.

The research developed spatial and economic decision-support tools for assessing the availability of biomass resources, organising agroenergy supply chains and identifying technically, economically and environmentally sustainable implementation strategies.

30/11/2011 - 30/11/2014

Kyoto Protocol and agroforestry resources Kyoto Protocol and agroforestry resources in protected areas: from carbon credits to local wood-energy supply chains. Project funded by the Gallipoli Cognato Piccole Dolomiti Lucane Regional Park.

Role: Research team member.

Research activities addressed the contribution of agroforestry resources to climate-change mitigation, the economic valuation of carbon sequestration and the development of local wood-energy supply chains in protected areas.

30/11/2007 - 30/11/2008

Wildlife restocking and capture areas Planning of wildlife restocking and capture areas in the Province of Potenza: a multicriteria methodology for identifying and establishing "Zone di Ripopolamento e Cattura" (ZRC). Project funded by the Province of Potenza.

30/11/2007 - 30/11/2008

Strategic planning of the Potenza urban area Analysis of the agricultural, natural and environmental components of the territory within the Strategic Plan for the Potenza urban area. Project funded by the municipalities participating in the Strategic Plan.

Role: Research team member.

Activities included the construction and validation of a territorial database and the development of a multicriteria spatial model to identify agricultural and environmental assets, ecological corridors, and areas affected by degradation or abandonment.

30/11/2006 - 30/11/2008

Hydrocarbon extraction in the Val d'Agri Socio-economic assessment of the impacts of hydrocarbon extraction in the Val d'Agri, Basilicata. Project funded by Shell Italia S.p.A.

Role: Research team member.

The project developed a socio-economic and territorial baseline for assessing the direct and indirect effects of hydrocarbon activities on local communities, economic sectors, land use and regional development.

PUBLICATIONS

Recent Publication

More than 70 among scientific and technical papers published. Recent examples:

- Pergola, M.T., Saulino, L., Castellaneta, M., Rita, A., Pecora, G., **Cozzi, M.**, Moretti, N., Pericolo, O., Pierangeli, D., Romano, S., Viccaro, M., Ripullone, F., (2022). Towards sustainable management of forest residues in the southern Apennine Mediterranean mountain forests: a scenario-based approach. Annals of Forest Science, 79 (1), art. no. 14. DOI: 10.1186/s13595-022-01128-w
- Viccaro, M., Caniani, D., Masi, S., Romano, S., **Cozzi, M.**, (2022). Biofuels or not biofuels? The "Nexus Thinking" in land suitability analysis for energy crops. Renewable Energy, 187, pp. 1050-1064. DOI: 10.1016/j.renene.2022.02.008
- Viccaro M., Romano S., Prete C., **Cozzi M.**, (2021). Rural planning? An integrated dynamic model for assessing quality of life at a local scale, Land Use Policy, 105742, ISSN 0264-8377, https://doi.org/10.1016/j.landusepol.2021.105742.
- Riccioli, F., **Cozzi, M.** (2021). Modelling the economic, social and environmental components of natural resources for sustainable management. Sustainability (Switzerland), 13(16) doi: https://10.3390/su13168941.

- Fagarazzi, C., Fratini, R., Montanino, M., Viccaro, M., **Cozzi, M.**, Romano, S., & Riccioli, F. (2021). The economic value of fire damages in tuscan agroforestry areas. IForest, 14(1), 41-47. doi: https://10.3832/ifor3607-013.
- Tortorella, M. M., Di Leo, S., Cosmi, C., Fortes, P., Viccaro, M., **Cozzi, M**., Romano, S. (2020). A methodological integrated approach to analyse climate change effects in agri-food sector: The TIMES water-energy-food module. International Journal of Environmental Research and Public Health, 17(21), 1-21. doi: https://10.3390/ijerph17217703.
- Riccioli, F., Fratini, R., Fagarazzi, C., **Cozzi, M.**, Viccaro, M., Romano, S., Tattoni, C. (2020). Mapping the recreational value of coppices' management systems in tuscany. Sustainability (Switzerland), 12(19), 1-18. doi: https://10.3390/su12198039.
- **Cozzi, M.**, Prete, C., Viccaro, M., Riccioli, F., Fagarazzi, C., & Romano, S. (2020). Towards sustainable and inclusive communities: An integrated approach to assess sustainability in rural areas. Aestimum, 2020, 81-102. doi: https://10.13128/aestim-8206
- Viccaro, M., Rocchi, B., **Cozzi, M.**, & Romano, S. (2020). Natural resources exploitation and social sustainability: An ex-ante regional policy simulation using EU-SILC data. International Journal of Sustainable Development, 23(1-2), 103-127. doi: https://10.1504/IJSD.2020.112153.
- Viccaro, M., **Cozzi, M.**, Rocchi, B., & Romano, S. (2019). Conservation agriculture to promote inland biofuel production in Italy: An economic assessment of rapeseed straight vegetable oil as a self-supply agricultural biofuel. Journal of Cleaner Production, 217, 153–161. https://doi.org/10.1016/j.jclepro.2019.01.251.

Scopus Author ID: 55863916800

Orcid Id: https://orcid.org/0000-0002-7210-9967

SciProfiles: 341858

Link https://www.scopus.com/authid/detail.uri?authorId=55863916800

HONOURS AND AWARDS

22/05/2026 Ecosystem Services Partnership – 6th ESP Europe Conference

Third Place – Best ESP Poster Award Co-author of the poster *"Carbon Storage Assessment of Urban Street Trees Using Terrestrial LiDAR and Satellite-Based Remote Sensing Data"*, presented by Milena V. Sokolova at the 6th ESP Europe Conference, held in Prague, Czechia, from 18 to 22 May 2026. The poster was ranked third among all posters presented at the conference, based on participants' voting through the official conference application. Co-authors: Milena V. Sokolova, Severino Romano, Mauro Viccaro, Fabrizio Pedes, Costantino Sirca, Donatella Spano and Mario Cozzi.

Link https://www.espconference.org/europe2026/poster-guidelines-downloads?utm_source=chatgpt.com

30/11/2019 Italian Society of Agri-Food Economics – SIEA

SIEA Best Paper Award 2020 Best Paper Award assigned by the SIEA Presidential Board to the best paper published in English in Volume 21 (2019) of *Economia Agro-Alimentare/Food Economy*. The award-winning article was *"Exploring Gender Differences in the Italian Traditional Pizza Consumption"*, authored by G. Pappalardo, G. Di Vita, G. La Via, S. Romano, A. Vastola, **M. Cozzi** and M. D'Amico. The study analyses gender-related differences in preferences and purchasing behaviour concerning traditional Italian pizza.

Link https://doi.org/10.3280/ECAG2019-001002

04/06/2015 Florence Sustainability of Well-Being International Forum – Florence SWIF 2015

Best Paper Award – "Territory" Session Award for Best Paper of the "Territory" Session for the work presented on the occasion of the

Sustainability of Well being International Forum (Florence Swif), entitled "A geostatistical multicriteria approach for classifing of rural areas: from the European perspective to local implementation", held in Florence from 04-06-2015 to 06-06-2015.

Link https://iris.unibas.it/bitstream/11563/124733/1/1-s2.0-S2210784316300559-main.pdf

02/07/2012 Organising Committee of ICE 2012 – 1st International Workshop on Climate and Environment

First Prize – Best Poster Award at ICE 2012 First prize for the best scientific poster presented at the 1st International Workshop on Climate and Environment, held in Bernalda, Matera. The award-winning poster, entitled *"Climate Change and Evaluation of Economic Impacts in the Primary Sector: Predictive Model of Land-Use Change"*, presented a spatially based methodological approach for evaluating the economic effects of climate change on the primary sector and forecasting related land-use transformations. The award is documented in the previous extended academic curriculum.

30/11/2010 IPSAPA –Interregional Association for Participation and Studies in Agribusiness, Landscape and Env.

First Interdisciplinary Prize – PAN "Landscape, Architecture and Nature"–Ardito Desio Award First Interdisciplinary PAN–Ardito Desio Prize awarded for the contribution *"Climate Dynamics and Changes: Predictive Models of Land-Use Change"*. The scientific committee recognised the originality of the interdisciplinary approach, particularly the application of advanced mathematical, computational and spatial-analysis methods to forecast potential changes in the territorial landscape resulting from climate change. The prize was awarded during the XVI International Interdisciplinary Conference on landscape and environmental systems held at the University of Udine.
Link https://sites.google.com/site/landscapewonder/vincitori-ii-edizione-2011

30/11/2007 Basilicata Regional Council

Best PhD Thesis Award – VI National Competition "Studies and Research on Basilicata" Winner of the award for the best doctoral thesis in the VI National Competition "Studies and Research on Basilicata", promoted by the Regional Council of Basilicata. The award was granted for the doctoral thesis *"The Regional Soil Map as a Basis for Territorial and Urban Planning in Basilicata"*. The thesis was subsequently published by the Regional Council of Basilicata in the series dedicated to the best doctoral theses concerning the region.
Link http://www.old.consiglio.basilicata.it/pubblicazioni/tesi_cozzi/tesi_cozzi.pdf

NETWORKS AND MEMBERSHIPS

2016 - CURRENT
Member of Scientific Council of Interuniversity Consortium - National Institute for Agribusiness and Sustainability Studies INAS (Consorzio interuniversitario - Istituto Nazionale di Studi su Agribusiness e Sostenibilità)

01/09/2008 - CURRENT
Member of the following national and international scientific associations: - SIDEA – Italian Society of Agricultural Economics - AIEAA – Italian Association of Agricultural and Applied Economics - EAAE – European Association of Agricultural Economists - Ce.S.E.T. – Centre for Land Appraisal and Territorial Economics

COMMUNICATION AND INTERPERSONAL SKILLS

Communication skills

Very good communication skills gained through my experience as teacher/lecturer and speaker in international and national conferences, seminars, working groups. Good networking/communication skills acquired through my experience as national contact person/national secretary for the creation of the national initiative.

Communication skills

Good communication skills gained through my experience as teacher/lecturer and speaker in international and national conferences, seminars, working groups.