PERSONAL INFORMATION Raffaele Cortignani



Affiliation
University of Tuscia
Department of Agriculture and Forest Sciences (DAFNE)
Via San Camillo de Lellis, 01100 Viterbo

+39 0761357294 +39 3389321791

cortignani@unitus.it

https://www.researchgate.net/profile/Raffaele_Cortignani

Sex male | *Date of birth* 22/05/1978 | *Nationality* Italian

Enterprise	University	EPR
☐ Management Level	☐ Full professor	☐ Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
☐ Mid-Management Level	☒ **Associate Professor**	☐ Level III Researcher and Technologist
☐ Employee / worker level	☐ Researcher	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

Dates	From August 2019 to July 2022
Occupation or position held	Tenure-track assistant professor
Main activities and responsibilities	Modelling and economic analysis of the productive and management choices of farms in different scenarios
Name and address of employer	University of Tuscia (Viterbo, Italy)
Type of business or sector	Agricultural economics, Climate Change
Dates	From July 2015 to July 2019
Occupation or position held	Researcher fellow "SAFE-Med" – Sustainability of agricultural and forestry systems in the Mediterranean environment in a context of global change – Project by MIUR (MInistry for education, University and Research) initiative "Department of excellence" (Law 232/2016) and in "MACSUR" – Modelling European Agriculture with Climate Change for Food Security – Project by Ministry of Agricultural about the adaptation of the agricultural sector to climate change
Main activities and responsibilities	Development of Mathematical Programming models and integration with agronomics and livestock models
Name and address of employer	University of Tuscia (Viterbo, Italy)
Type of business or sector	Agricultural economics, Climate Change
Dates	From July 2012 to July 2015
Occupation or position held	Researcher in "MACSUR" – Modelling European Agriculture with Climate Change for Food Security and in "AGROSCENARI" – Project by Ministry of Agricultural about the adaptation of the agricultural sector to climate change
Main activities and responsibilities	Development of Mathematical Programming models and integration with agronomics and livestock models
Name and address of employer	University of Tuscia (Viterbo, Italy)
Type of business or sector	Agricultural economics, Climate Change
Dates	From December 2008 to July 2012
Occupation or position held	Research fellow in "*Agroscenari*" – Project by Ministry of Agricultural about the adaptation of the agricultural sector to climate change
Main activities and responsibilities	Development of Stochastic Mathematical Programming models and implementation of CAP measures
Name and address of employer	University of Tuscia (Viterbo, Italy)

Type of business or sector	Agricultural economics, Common Agricultural Policy
Dates	From September 2008 to September 2009
Occupation or position held	Collaboration in the project *Evaluation des mesures relatives au secteur du riz et du tabac brut*
Main activities and responsibilities	FADN data elaboration and support to development of the Positive Mathematical Programming models
Name and address of employer	GEIE Agrosynergie – European Commission DG Agriculture
Type of business or sector	Agricultural economics, Common Agricultural Policy
Dates	From September 2008 to November 2008
Occupation or position held	Fellow on: Economic evaluation of agritourisms
Main activities and responsibilities	Structural and economic analysis of the agritourisms of the Viterbo area
Name and address of employer	University of Tuscia (Viterbo, Italy)
Type of business or sector	Agricultural economics
Dates	From April 2008 to November 2008
Occupation or position held	Fellow on: Evolutionary dynamics in agriculture and multifunctionality
Main activities and responsibilities	Development of questionnaires and interviews
Name and address of employer	University of Tuscia (Viterbo, Italy)
Type of business or sector	Agricultural economics
Dates	From September 2007 to April 2008
Occupation or position held	Collaboration in the project *Evaluation de l'activation des paiements directs sur les cultures des fruits et légumes dans le modèle regional*
Main activities and responsibilities	FADN data elaboration and support to development of the Positive Mathematical Programming models
Name and address of employer	GEIE Agrosynergie – European Commission DG Agriculture
Type of business or sector	Agricultural economics, Common Agricultural Policy
Dates	From October 2004 to December 2004
Occupation or position held	Fellow on: Development of mathematical programming models about water use in agriculture
Main activities and responsibilities	Development of linear programming models
Name and address of employer	University of Tuscia (Viterbo, Italy)
Type of business or sector	Agricultural economics, Mathematical Programming

EDUCATION AND TRAINING

Dates	October 2009
Title of qualification awarded	Course in Evaluating CAP by PMP Tools: Introduction and Practice
Principal subjects/occupational skills covered	Positive Mathematical Programming, Common Agricultural Policy
Name and type of organisation providing education and training	Department of Economic, University of Parma (Italy)
Dates	2005 - 2007
Title of qualification awarded	Ph. D. in Agricultural Policy
Principal subjects/occupational skills covered	Positive Mathematical Programming, Common Agricultural Policy, Water Use in Agricultural
Name and type of organisation providing education and training	Department of Agricultural and Rural Economics (DEAR), University of Tuscia (Viterbo, Italy)
Dates	From January 2007 to June 2007
Title of qualification awarded	Visiting PhD Student
Principal subjects/occupational skills covered	Mathematical Programming, Common Agricultural Policy, Water Use in Agricultural

Name and type of organisation providing education and training	Department of Agricultural Economic, *Universidad Politècnica de Madrid* (Spain)
Dates	2006
Title of qualification awarded	Master's Degree in Agricultural Economics and Policy
Principal subjects/occupational skills covered	Agricultural Economics, Agricultural Policy, Research Tools and Methodologies
Name and type of organisation providing education and training	Centre for Advanced Training and Research in Agricultural Economics for Southern Italy, University of Naples Federico II (Italy), Centro di Portici
Dates	April 2004
Title of qualification awarded	Degree in Agricultural Sciences and Technology, Major Field in Agricultural Economics (five years course)
Principal subjects/occupational skills covered	Mathematical Programming, Common Agricultural Policy
Name and type of organisation providing education and training	University of Tuscia (Viterbo, Italy)

LANGUAGES

Mother tongue(s): **Italian**

Other language(s):

English	Spanish
Level:	Level:
intermediate	intermediate

COMPUIER SKILLS AND COMPETENCES

Operating System: Windows
Software: Excellent use of Office (Word, Excel, Power Point, Front Page, Access, Outlook)
GAMS to solve maximizing and minimizing constraint problems
E-Views for statistic and econometric analysis

OTHER SKILLS AND COMPETENCES

Reviewer for the *Agricultural Water Management, Water Resources Management, Energies, Journal of Agricultural Economics, Industrial Crops and Products, Sustainability, Agricultural Economics, BAE, Land Use Policy, Science of the Total Environment, Sustainability, Water, Water Resources Research, Resources Conservation & Recycling*

TEACHINGS

"Economy and development policies of the mountain territory" in the first degree "*Mountain Sciences"*, Rieti, 2017 at present

"Bio-Economy" in the advanced degree in "*Biotechnology for Agro-food safety and quality"*, Viterbo, 2020 at present

"Rural development economics and policy" in the advanced degree "*Agricultural and Environmental Sciences"*, 2022 at present

AWARDS

2012 award as the best paper published in Agricultural Economics: Cortignani R., Severini S. (2012) "A constrained optimization model based on generalized maximum entropy to assess the impact of reforming agricultural policy on the sustainability of irrigated areas". Agricultural Economics, 43(6) 621-633, November 2012, ISSN: 0169-5150, online ISSN: 1574-0862.

PUBBLICATIONS **Peer-reviewed journals**

1. Buttinelli R., Cortignani R., Caracciolo (2024). Irrigation water economic value and productivity: An econometric estimation for maize grain production in Italy. Agricultural Water Management 295 (108757), https://doi.org/10.1016/j.agwat.2024.108757
2. Coderoni S., Dell'Unto D., Cortignani R. (2024). Curbing methane emissions from Italian cattle farms. An agroeconomic modelling simulation of alternative policy tools, Journal of Environmental Management 351 (2024) 119880, https://doi.org/10.1016/j.jenvman.2023.119880
3. Dell'Unto D., Meccariello G., Cortignani R. (2023). Healthy food consumption in the Covid-19 era: Empirical evidence from Italian consumers choices on functional products, Economia agro-alimentare /Food Economy, Vol. 25, Iss. 1, Art. 1, pp. 11-34, https://doi.org/10.3280/ecag2023oa13842
4. Dell'Unto D., Dono G., Cortignani R. (2023). Impacts of Environmental Targets on the Livestock Sector: An Assessment Tool Applied to Italy, Agriculture 2023, 13, 742, https://doi.org/10.3390/agriculture13040742
5. El Chami A., Cortignani R., Dell'Unto D., Mariotti R., Santelli P., Ruggeri R., Colla G., Cardarelli M. (2023). Optimization of Applied IrrigationWater for High Marketable Yield, Fruit Quality and Economic Benefits of Processing Tomato Using a Low-Cost Wireless Sensor, Horticulturae 2023, 9, 390, https://doi.org/10.3390/horticulturae9030390
6. Cortignani R., Coderoni S. (2022). The Impacts of Environmental and Climate Targets on Agriculture: policy options in Italy, Journal of Policy Modeling, https://doi.org/10.1016/j.jpolmod.2022.11.003
7. Dono G., Buttinelli R. and Cortignani R. (2022). Financial performance of connected Agribusiness activities in Italian agriculture, Bio-based and Applied Economics, 2022, 11(2), pp. 147–169, https://doi.org/10.36253/bae-12211
8. Cortignani R., Buttinelli R., Dono G. (2022). Farm to Fork strategy and restrictions on the use of chemical inputs: Impacts on the various types of farming and territories of Italy, Science of the Total Environment, Volume 810, 1 March 2022, 152259, 10.1016/j.scitotenv.2021.152259
9. Buttinelli R., Cortignani R., Dono G. (2021). Financial sustainability in Italian Organic Farms: an analysis of the FADN Sample. Economia Agro-Alimentare / Food Economy, 23(3), 10.3280/ecag2021oa12766
10. Dono G., Buttinelli R., Cortignani R. Financial sustainability in Italian farms: an analysis of the FADN sample, Agricultural Finance Review, Vol. 81 No. 5, pp. 719-745. https://doi.org/10.1108/AFR-07-2020-0107
11. Cortignani R., Dell'Unto D., Dono G. (2021). Paths of adaptation to climate change in major Italian agricultural areas: Effectiveness and limits in supporting the profitability of farms, Agricultural Water Management 244(106433), 10.1016/j.agwat.2020.106433
12. Cortignani R., Carulli G., Dono G. (2020). Covid-19 and labour in agriculture: economic and productive impacts on an agricultural area of the Mediterranean. Italian Journal of Agronomy, 15:1653, pp.172-181, 10.4081/ija.2020.1653
13. Cortignani R., Dono G. (2020). Greening and legume-supported crop rotations: An impacts assessment on Italian arable farms. Science of the Total Environment 734 (2020) 139464, 10.1016/j.scitotenv.2020.139464
14. Kipling R.P., Topp C.F.E., Bannink A., Bartley D.J., Blanco-Penedo I., Cortignani R., del Prado A., Dono G., Faverdin P., Graux A.-I., Hutchings N.J., Lauwers L., Özkan Gülzari Ş., Reidsma P., Rolinski S., Ruiz-Ramos M., Sandars D.L., Sándor R., Schönhart M., Seddaiu G., van Middelkoop J., Shrestha S. , Weindl I., and Eory V. (2019). To what extent is climate change adaptation a novel challenge for agricultural modellers?, Environmental Modelling and Software 120 (2019) 104492, 10.1016/j.envsoft.2019.104492
15. Cortignani R., Dono G. (2019). CAP's environmental policy and land use in arable farms: An impacts assessment of greening practices changes in Italy, Science of The Total Environment, 647, pp. 516-524, 10.1016/j.scitotenv.2018.07.443
16. Cortignani R., Gobattoni F., Pelorosso R., Ripa M.N. (2018). Green Payment and Perceived Rural Landscape Quality: A Cost-Benefit Analysis in Central Italy, Sustainability 2018, 10, 2910; 10.3390/su10082910

17. Cortignani R., Dell'Unto D., Dono G. (2018). Recovering the costs of irrigation water with different pricing methods: Insights from a Mediterranean case study, Agricultural Water Management 199, pp. 148-156, 10.1016/j.agwat.2017.12.016
18. Cortignani, R. and Dono, G. (2018). Agricultural policy and climate change: An integrated assessment of the impacts on an agricultural area of Southern Italy. Environmental Science and policy, 81 (2018), 26-35, 10.1016/j.envsci.2017.12.003
19. Cortignani R., Severini S., Dono G. (2017). Complying with greening practices in the new CAP direct payments: An application on Italian specialized arable farms, Land Use Policy 61 (2017) 265–275, 10.1016/j.landusepol.2016.11.026
20. Nguyen T.P.L., Mula L., Cortignani R., Seddaiu G., Dono G., Virdis S.G.P., Pasqui M., Roggero P.P. (2016). Perceptions of Present and Future Climate Change Impacts on Water Availability for Agricultural Systems in the Western Mediterranean Region, Water 2016, 8, 523, doi:10.3390/w8110523, 10.3390/w8110523
21. Dono G., Cortignani R., Doro L., Dell'Unto D., Deligios P., Doro L., Lacetera N., Mula L., Pasqui M., Quaresima S., Vitali A., Roggero P.P. (2016). Winners and losers from climate change in agriculture: Insights from a case study in the Mediterranean basin Agricultural Systems (2016), pp. 65-75, DOI: 10.1016/j.agsy.2016.05.013, 10.1016/j.agsy.2016.05.013
22. Cortignani R., Tantari A., Barella V. (2015). Pagamento greening e paesaggio agroforestale: un'analisi costi-benefici nel territorio della Teverina, Agriregionieuropa anno 11 n°42, Set 2015, , ISSN: 1828-5880
23. Cortignani R., Dono G. (2015). Simulation of the impact of greening measures in an agricultural area of the southern Italy. Land Use Policy 48, 525-533, ISSN: 0264-8377, 10.1016/j.landusepol.2015.06.028
24. Dono G., Cortignani R., Dell'Unto D., Doro L., Lacetera N., Mula L., Pasqui M., Quaresima S., Vitali A., Roggero P.P. (2014). Productive and economic adaptation of Mediterranean agriculture to climate change. Journal of the Austrian Society of Agricultural Economics, Volume 24, 2014, Pages 213-221
25. Dono G., Cortignani R., Doro L., Giraldo L., Lacetera N., Ledda L., Pasqui M., Quaresima S., Vitali A., Roggero P.P., Mazzapicchio G. (2014). Una valutazione integrata degli impatti produttivi ed economici del cambiamento della variabilità climatica in un'area mediterranea irrigua, Questione Agraria, fascicolo n. 4 anno 2014, ISSN 19714017
26. Cortignani R., Dono G. (2014). Impatto delle pratiche del greening in diversi scenari climatici in un'area della Sardegna. Agriregionieuropa anno 10 n°38, Set 2014, ISSN: 1828-5880
27. Dono G., Cortignani R., Giraldo L., Pasqui M., Roggero P.P. (2014). Income Impacts of Climate Change: Irrigated Farming in the Mediterranean and Expected Changes in Probability of Favorable and Adverse Weather Conditions. German Journal of Agricultural Economics, Volume 63 (2014), Number 3: 177-186, ISSN: 0002-1121
28. Giraldo L., Cortignani R., Dono G. (2014). Simulating Volumetric Pricing for Irrigation Water Operational Cost Recovery under Complete and Perfect Information. Water 2014, 6, 1204-1220; 10.3390/w6051204
29. Dono G., Cortignani R., Doro L., Giraldo L., Luigi L., Pasqui M., Roggero P.P. (2013). An integrated assessment of the impacts of changing climate variability on agricultural productivity and profitability in an irrigated Mediterranean catchment. *Water Resources Management, May 2013, 1-16*, ISSN: 0920-4741 (Print) 1573-1650 (Online), 10.1007/s11269-013-0367-3
30. Cortignani R,. Giraldo L., Dono G. (2013). Probability distribution changes of critical weather events and possible management effects on the agricultural activities in the territory of Oristano. In: Agroscenari: agricoltori, politiche agricole e sistema della ricerca di fronte ai cambiamenti climatici. *Italian Journal Of Agrometeorology*, ISSN: 2038-5625, ISBN: 978-88-555-3202-0
31. Giraldo L., Cortignani R., Dell'Unto D., Dono G. (2013). Technical and economic characteristics of the farm models that represent the dairy sheep sector in simulations of climate change in the Oristano area. in: Agroscenari: agricoltori, politiche agricole e sistema della ricerca di fronte ai cambiamenti climatici. *Italian Journal of Agrometeorology*, ISSN: 2038-5625, ISBN: 978-88-555-3202-0
32. Dono G., Cortignani R., Doro L., Giraldo L., Ledda L., Pasqui P., Roggero P.P. (2013). Adapting to uncertainty associated with short-term climate variability changes in irrigated Mediterranean farming systems. *Agricultural Systems, 117 (2013) 1-12* , ISSN: 0308-521X, 10.1016/j.agsy.2013.01.005
33. Dono G., Cortignani R., Giraldo L., Doro L., Ledda L., Roggero P.P. (2012) "Valutare l'impatto economico e produttivo dei cambiamenti climatici in una zona di agricoltura irrigua mediterranea soggetta a scarsità idrica". *Economia e Diritto Agroalimentare, Anno XVII, numero 3/2012, 395-414*, ISSN: 1826-0373, online ISSN: 1970-9498

34. Dono G., Giraldo L., Cortignani R., 2012, Economic Effect of the Changing Regime of autumn rains onto sheep breeding farms. In "New approaches for grassland research in a context of climate and socio-economic changes", *CIHEAM Options Mediterranéennes, no 102/2012 73-76, Eds. Z. Acar, A. Lòpez-Francos, C. Porqueddu*. ISSN: 1016-121-X, ISBN: 2-85352-490-6
35. Cortignani R., Severini S. (2012) "A constrained optimization model based on generalized maximum entropy to assess the impact of reforming agricultural policy on the sustainability of irrigated areas". Agricultural Economics, 43(6) 621-633, November 2012, 10.1111/j.1574-0862.2012.00608.x
36. Cortignani R., Severini S. (2012) "Modeling farmer participation to a revenue insurance scheme by means of Positive Mathematical Programming". *Agricultural Economics (Zemedelská Ekonomika), 58(7) 324 - 331*, ISSN: 0139-570X
37. Panin B., Cortignani R. (2011) "Rural development approach in Italy: example on area of Teverina as a possibility for Danube region". *Economics of Agriculture (Ekonomika poljoprivrede), 365-372*, ISSN: 0352-3462
38. Cortignani R., Severini S. (2011) "An extended PMP model to analyze farmers' adoption of deficit irrigation under environmental payments*". Spanish Journal of Agricultural Research, Vol 9, No 4 (2011) 1036 – 1046*, 10.5424/sjar/20110904-160-11
39. Severini S., Cortignani R. (2011) **"**L'analisi delle assicurazioni agricole come strumento di gestione del rischio sostenuto dalla PAC"**.** AgriRegioniEuropa 25 - Giugno 2011, ISSN: 1828-5880
40. Dono G., Cortignani R., Doro L., Ledda L., Mazzapicchio G. (2011) "Una valutazione dell'impatto economico dei Cambiamenti Climatici tramite un modello di programmazione stocastica discreta a tre stadi". *Economia e Diritto Agroalimentare XVI, numero 1/2011, 143-162*, ISSN: 1826-0373, online ISSN: 1970-9498
41. Cortignani R., Severini S. (2010) "L'impatto della riforma PAC sulla sostenibilità di un'area irrigua". *AgriRegioniEuropa 23 - Dicembre 2010*, ISSN: 1828-5880
42. Cortignani R., Severini S. (2009) "Una valutazione delle politiche idriche in un'area irrigua dell'Italia centrale condotta con il metodo della Programmazione Matematica Positiva senza prima fase". *Rivista di Economia Agraria / a. LXIV, nn.1-2 giugno 2009, 149-172*, ISSN: 0035-6190
43. Cortignani R., Natali A, (2009) "Politica Agricola Comunitaria e Paesaggio: quali opportunità per la risorsa paesaggio con la riforma Health check?". *AgriRegioniEuropa 19 - dicembre 2009*, ISSN: 1828-5880
44. Cortignani, R.; Severini, S. (2009) "Modeling farm-level adoption of deficit irrigation using Positive Mathematical Programming". *Agricultural Water Management 96 (2009) 1785-1791*, 10.1016/j.agwat.2009.07.016
45. Severini S., Cortignani R. (2008) "L'analisi delle politiche idriche in agricoltura. Quali opportunità per l'uso della programmazione matematica positiva?". *AgriRegioniEuropa 14 - Settembre 2008*, ISSN: 1828-5880
46. Cortignani R. (2008) "Stato qualitativo e tempi dell'attuazione della direttiva quadro delle acque in Italia". *AgriRegioniEuropa 13 - Giugno 2008*, ISSN: 1828-5880
47. Cortignani R., Severini S. (2005) "La trasferibilità via mercato dei titoli all'aiuto nel Regime di Pagamento Unico". Economia e Diritto Agroalimentare 3/2005, 129-151, ISSN: 1970-9498
48. Cortignani R., Severini S. (2004) "Il Regime di Pagamento Unico: scelte produttive, partecipazione alle misure agroambientali e pressione sull'ambiente in un'area irrigua dell'Italia Centrale". *PAGRI luglio - dicembre 2004, 97-110*, ISSN: 1722-4365

Contributions to conference, congress and seminar proceedings

1. Buttinelli R., Severini S., Cortignani R. (2024). Assessing the impact of CAP 2023-2027 first pillar reform on Italian arable farms and irrigated crops, Paper prepared for presentation at the LX SIDEA Conference "Dalla strategia Farm-To-Fork all'approccio One-Health. Soluzioni Per Il Modello Agricolo Europeo Alla Luce Dei Nuovi Scenari Economici", Anacapri (NA), 15– 17 settembre 2024
2. Dell'Unto D., Selvaggi R., Pappalardo G., Cortignani R. (2024). Adoption of digital technologies by Italian dairy cattle farms: an assessment based on agroeconomic modelling, Paper prepared for presentation at the LX SIDEA Conference "Dalla strategia Farm-To-Fork all'approccio One-Health. Soluzioni Per Il Modello Agricolo Europeo Alla Luce Dei Nuovi Scenari Economici", Anacapri (NA), 15– 17 settembre 2024
3. Buttinelli R., Dono G., Cortignani R. (2024). Assessing the Impacts of Chemicals Reduction on Arable Farms through an Integrated Agro-Economic Model, Paper prepared for presentation at the 13th AIEAA Conference "The social sustainability of European agriculture facing old and new challenges. Issues, methods and policies", 20-21 June 2024, Bari, Italy
4. Dell'Unto D., Cortignani R. (2024). 2023-2027 CAP and livestock sector: production and economic impacts on Italian specialized dairy cattle farms, Paper prepared for presentation at the 13th AIEAA Conference "The social sustainability of European agriculture facing old and new challenges. Issues, methods and policies", 20-21 June 2024, Bari, Italy
5. Dell'Unto D., Coderoni S., Cortignani R. (2023). Economic and environmental outcomes of alternative economic policy tools to curb GHG emissions from Italian livestock sector, Paper prepared for presentation at the LIX SIDEA Conference "Agricoltura, alimentazione e mondo rurale di fronte ai cambiamenti dello scenario globale: politiche e strategie per la sostenibilità e la resilienza", Marina di Orosei (NU), 21– 22 settembre 2023
6. Dell'Unto D., Dono G. and Cortignani, R. (2023). The Impacts of Environmental targets on the Livestock Sector: an assessment tool applied to Italy. Paper prepared for presentation at 17th EAAE Congress "Connecting science and Society", 29 August - 1 September 2023, Rennes, France.
7. Buttinelli R., Cortignani R., Caracciolo F. (2023). Scarcity and Economic Value of Water: Estimating the irrigation water shadow price for maize grain in Italy. Paper prepared for presentation at the 10th AIEAA Conference 11th AIEAA Congress CAP "Guns, Germs and Climate: Food Security and Food Systems in a Risky World", 22-23 June 2023, Milano, Italy
8. Dell'Unto D., Coderoni S., Cortignani R. (2023). Curbing greenhouse gases emissions from Italian livestock: an analysis of alternative policy tools. Paper prepared for presentation at the 10th AIEAA Conference 11th AIEAA Congress CAP "Guns, Germs and Climate: Food Security and Food Systems in a Risky World", 22-23 June 2023, Milano, Italy
9. Dell'Unto D., Testa S., Cortignani R. (2023). Financial sustainability of adopting digital technologies in dairy cattle farms: evidence from a specific case study and a more general assessment, IEEE International Workshop on Measurements and Applications in Veterinary and Animal Sciences, 26-28 April 2023, Naples, Italy
10. Dell'Unto D., Meccariello G., Cortignani R. (2022). Healthy food consumption in the Covid era: empirical evidence from Italian consumers choices on functional products. Paper prepared for presentation at the 10th AIEAA Conference 11th AIEAA Congress CAP "Farm to Fork and Green Deal: policy coherence, governance and future challenges", 16-17 June 2022, Viterbo, Italy
11. Cortignani R., Coderoni S. (2022). Obiettivi della strategia Farm to Fork ed impatti economici sull'agricoltura italiana: un'analisi sulla riduzione della spesa per antibiotici attraverso i dati della RICA. Seminario AIEAA "L'analisi delle Politiche Agricole Comunitarie in Italia", 11 marzo 2022 – piattaforma Teams
12. Cortignani R., Dono G. (2021). Greening and Legume-supported Crop Rotations: an Impacts Assessment on Italian Arable Farms. Paper prepared for oral presentation at the XVI EAAE Congress "Raising the Impact of Agricultural Economics: Multidisciplinarity, Stakeholder Engagement and Novel Approaches" 20-23 July 2021, Prague, Czech Republic

13. Cortignani R., Buttinelli R., Dono G. (2021). Farm to Fork strategy: restrictions on the use of chemical inputs and sustainability of Italian farms. Paper prepared for presentation at the 10th AIEAA Conference "Agriculture, Food and Global Value Chains: Issues, Methods and Challenges", 9-11 June 2021, Rome, Italy
14. Cortignani R., Buttinelli R., Dono G. (2020). The production of monetary liquidity in Italian farms: an analysis of the FADN sample. Paper prepared for presentation at the 9th AIEAA Conference "Mediterranean agriculture facing climate change: Challenges and Policies" 10-12 June 2020, Bari-Valenzano, Italy
15. Cortignani R., Dono G. (2019). Greening and crop rotations: an impacts assessment on Italian arable farms. Paper preparato per il 174th EAAE Seminar 'Economics of culture and food in evolving agri-food systems and rural areas', 10-12 October 2019, Matera
16. Dono G., Cortignani R., Dono G. (2019). Adaptation paths to climate change (CC) for Italian agriculture in the near future: effectiveness and limits Paper preparato per il 174th EAAE Seminar 'Economics of culture and food in evolving agri-food systems and rural areas', 10-12 October 2019, Matera
17. Cortignani R., Dono G. (2018). Modifications of greening practices in the Omnibus regulation: an assessment of the impacts on arable farms in Italy. Paper preparato per il LV Convegno di studi della SIDEA 'Metamorfosi verde: Agricoltura, Cibo, Ecologia'. 13 -15 Settembre 2018, Perugia
18. Cortignani R., Pulina A. (2017). Sistemi cerealicolo-industriali. Presentation at the conference "Agricoltura e cambiamenti climatici: sfide e opportunità", 12-13 December 2017, MIPAAF, Rome
19. Cortignani R., Dell'Unto D., Dono G. (2017). Integrating the impact of climate change, price changes and recent CAP orientation on Mediterranean farming systems. Presentation at the MACSUR Scientific Conference 2017, 22-24 May 2017, Berlin
20. Cortignani R., Dell'Unto D., Deligios P., Doro L., Lacetera N., Mula L., Pasqui M., Quaresima S., Vitali A., Roggero P.P., Dono G. (2016). Winners and losers from climate change in agriculture: food security issues in the Mediterranean basin. Paper prepared for presentation at the Seventh International Conference on Agricultural Statistics (ICAS VII), 26-28 October 2016, FAO, Rome
21. Severini S., Cortignani R., Dono G., Vita E. (2016). How much is the value of crop output generated by irrigated agriculture in Italy? Paper prepared for presentation at the 53rd SIDEA Congress "The future of agriculture between globalization and local markets", 22-24 September 2016
22. Severini S., Cortignani R., Dono G., Vita E. (2016). Assessing the economic role of irrigation and the productivity of irrigation water in Mediterranean countries: the case of Italy. Paper prepared for presentation at the 158th EAAE Seminar "Euro-Mediterranean cooperation in Sustainable Agriculture and Food Security: Policies, Sustainability, Marketing and Trade", Chania, Crete, Greece, September 8 - 9, 2016
23. Cortignani R., Dell'Unto D., Dono G. (2016). Full cost recovery of irrigation water supply and water pricing systems under climate variability conditions in a Mediterranean agricultural area. Paper prepared for presentation at the 158th EAAE Seminar "Euro-Mediterranean cooperation in Sustainable Agriculture and Food Security: Policies, Sustainability, Marketing and Trade", Chania, Crete, Greece, September 8 - 9, 2016
24. Cortignani, Dono, Dell'Unto (2015). Economic modelling of climate change scenarios and adaptation of Mediterranean agriculture. Paper prepared for presentation at the 4th AIEAA Conference "Innovation, productivity and growth: toward sustainable agri-food production" 11-12 June 2015, Ancona, Italy
25. Cortignani R., Dono G. (2014). Sustainability of greening measures by Common Agricultural Policy 2014-2020 in new climate scenarios in a Mediterranean area. Paper prepared for presentation at the 3rd AIEAA Conference "Feeding the Planet and Greening Agriculture: Challenges and opportunities for the bio-economy", 25-27 June, 2014, Alghero, Italy
26. Dono G., Cortignani R., Doro L., Pasqui M., Roggero P.P. (2014). Assessing the awareness of climate change as a factor of adaptation in the agricultural sector. Paper prepared for presentation at the 3rd AIEAA Conference "Feeding the Planet and Greening Agriculture: Challenges and opportunities for the bio-economy", 25-27 June, 2014, Alghero, Italy
27. Dono G., Cortignani R., Giraldo L., Doro L., Ledda L., Pasqui M., Roggero P.P. (2012) "Evaluating productive and economic impacts of climate change variability on the farm sector of an irrigated Mediterranean area". Paper prepared for the 126th EAAE Seminar "New challenges for EU agricultural sector and rural areas. Which role for public policy?", Capri, Italy, June 27- 29, 2012
28. Dono G., Cortignani R., Doro L., Giraldo L., Ledda L., Roggero P.P. (2011) "Possibili impatti del cambiamento climatico sull'agricoltura irrigua del Mediterraneo". Paper preparato per il XLVIII Convegno di studi della SIDEA "*Il modello agroalimentare europeo di fronte ai mutamenti dello scenario economico globale*". 29 settembre – 1 ottobre 2011, Udine

29. ono G., Cortignani R., Doro L., Ledda L., Roggero P.P., Giraldo L., Severini S. (2011) "Possible impacts of climate change on Mediterranean irrigated farming systems". Paper prepared for the XIIIth EAAE Congress "Change and uncertainty", Zurich, Switzerland, August 30 to September 2, 2011
30. Severini S., Cortignani R. (2011) "An attempt to modeling revenue insurance schemes at the farm level by means of Positive Mathematical Programming". Paper prepared for the 122nd EAAE Seminar "Evidence-based Agricultural and Rural Policy Making", Ancona, Italy, 17 - 18 February, 2011
31. Cortignani R., Dono G., Mazzapicchio G., Doro L., Ledda L. (2010) "Una valutazione dell'impatto economico dei Cambiamenti Climatici tramite un modello di Programmazione Stocastica Discreta a 3 stadi". Paper preparato per il XLVII Convegno di studi della SIDEA 'L'agricoltura oltre la crisi'. 22 -25 Settembre 2010, Campobasso
32. Cortignani R., Severini S. (2010) "Avversione al rischio e Programmazione Matematica Positiva: una analisi empirica condotta su un gruppo di aziende RICA". Paper preparato per il XLVII Convegno di studi della SIDEA 'L'agricoltura oltre la crisi'. 22 -25 Settembre 2010, Campobasso
33. Cortignani R., Dono G., Mazzapicchio G., Doro L., Ledda L., Roggero P. (2010) "Evoluzione del Clima e Incertezza delle Scelte sui Sistemi Colturali in un Comprensorio Irriguo del Nord Sardegna ". Paper preparato per il XXXIX Convegno Nazionale SIA, 20 -22 Settembre 2010, Roma
34. Cortignani R., Dono G., Mazzapicchio G., Doro L., Ledda L. (2010) "An evaluation of the economic impact of climate change through a three-stages discrete stochastic programming model". Paper prepared for the 120th EAAE Seminar "External Cost of Farming Activities: Economic Evaluation, Risk Considerations, Environmental Repercussions and Regulatory Framework", Chania, Crete, Greece, 02 - 04 September, 2010
35. Cortignani R., Severini S. (2010) "The impact of reforming the Common Agricultural Policy on the sustainability of the irrigated area of Central Italy. An empirical assessment by means of a Positive Mathematical Programming model". Paper prepared for the 120th EAAE Seminar "External Cost of Farming Activities: Economic Evaluation, Risk Considerations, Environmental Repercussions and Regulatory Framework", Chania, Crete, Greece, 02 - 04 September, 2010
36. Cortignani R., Severini S. (2010) "Taking into explicit consideration risk aversion behaviour into Positive Mathematical Programming models: an empirical application". Paper prepared for the III Workshop on Valuation Methods in Agro-food and Environmental Economics "Decisions and choices under uncertainty in Agro-food and Natural Resources Economics", Barcelona 1st - 2nd July 2010
37. Cortignani R., Severini S. (2009) "L'impatto delle riforme OCM zucchero ed ortofrutta sull'uso dell'irrigazione: un'analisi condotta mediante un modello di PMP senza prima fase". Paper preparato per il XLVI Convegno di studi della SIDEA 'Cambiamenti nel sistema agroalimentare: nuovi problemi, strategie, politiche'. 16 -19 Settembre 2009, Piacenza
38. Cortignani R., Severini S. (2008) "Direttiva quadro n°60/2000 ed aumento del costo dell'acqua in agricoltura: una valutazione d'impatto mediante modelli di PMP". Atti del XLV Convegno di studi della SIDEA 'Politiche per i sistemi agricoli di fronte ai cambiamenti: obiettivi, strumenti, istituzioni', 25 -27 Settembre 2008, Portici
39. Cortignani, R.; Severini, S. (2008) "Introducing Deficit Irrigation Crop Techniques derived by Crop Growth into a Positive Mathematical Programming Model". Paper prepared for presentation at the XIIth EAAE Congress 'People, Food and Environments: Global Trends and European Strategies'. Agosto 2008, Ghent
40. Blanco M., Cortignani R., Severini S. (2008) "Evaluating Changes in Cropping Patterns due to the 2003 CAP Reform. An Ex-post Analysis of Different PMP Approaches Considering New Activities". Proceedings of the 107th European Seminar of the European Association of Agricultural Economists. Febbraio 2008, Sevilla

Poster

1. Cortignani R., Buttinelli R., Dono G. (2021). The Production of Monetary Liquidity in Italian Farms: an Analysis of the FADN Sample. Paper prepared as poster for presentation at the XVI EAAE Congress "Raising the Impact of Agricultural Economics: Multidisciplinarity, Stakeholder Engagement and Novel Approaches" 20-23 July 2021, Prague, Czech Republic
2. Cortignani R., Carulli G., Dono G. (2021). The Investments of Italian Farms and the Factors that have influenced the Entity in the last 40 Years. Paper prepared as poster for presentation at the XVI EAAE Congress "Raising the Impact of Agricultural Economics: Multidisciplinarity, Stakeholder Engagement and Novel Approaches" 20-23 July 2021, Prague, Czech Republic
3. Cortignani R., Tantari A. (2015). Green payment and agroforestry landscape: cost-benefit analysis in the territory of Teverina. Poster prepared for presentation at the 4th AIEAA Conference "Innovation, productivity and growth: toward sustainable agri-food production" 11-12 June 2015, Ancona, Italy
4. Severini S., Cortignani R. (2011) "Modeling farmer participation to a revenue insurance scheme by means of Positive Mathematical Programming". Poster prepared for the XIIIth EAAE Congress "Change and uncertainty", Zurich, Switzerland, August 30 to September 2, 2011

Books

1. Colantoni A.,…, Cortignani R.,…, Falcetta C. (2021). Aspetti socio-economici e politici. In: Linee guida per l'applicazione dell'agro-voltaico in Italia, ISBN 978-88-903361-4-0
2. Dono G., Severini S., Dell'Unto D., Cortignani R. (2019). Italy. In: Global Issues in Water Policy. Global Issues in Water Policy, vol. 22, p. 151-183, Switzerland: Springer Nature Switzerland, ISSN: 2211-0631
3. Dono G., Cortignani R. (2013). Il concetto di sostenibilità e l'analisi economica, nel volume Agricoltura sostenibile. Principi, sistemi e tecnologie applicate all'agricoltura produttiva per la salvaguardia dell'ambiente e la tutela climatica, a cura di Pisante M., Il Sole 24 Ore Edagricole, ISBN-10 8850654111, ISBN-13 978885065411

Third mission

1. Cortignani R. (2022). Impatto dei prodotti ad azione biostimolante sulla redditività delle colture. Workshop Biostimolanti in orticoltura: come utilizzarli e quanto convengono, FIERAGRICOLA - Verona, 2 marzo 2022
2. Cortignani R. (2022). Impatto dei prodotti ad azione biostimolante sulla redditività delle colture, Workshop Biostimolanti in frutticoltura: come utilizzarli e quanto convengono, FIERAGRICOLA - Verona, 2 marzo 2022
3. Cortignani R. (2022). Costi e benefici dell'impiego dei biostimolanti in orticoltura. Convegno organizzato dall'Informatore Agrario per il progetto "Biostimolanti in campo", Corte Benedettina (Legnaro – Padova), 22 novembre 2022
4. Cortignani R. (2022). Con la strategia Farm to Fork calano produzioni e redditi. L'Informatore Agrario 12/2022
5. Colla G., Cardarelli M., Cortignani R., Bonini P., Rouphael Y., Basile B. (2022). Quali aspetti considerare nella scelta dei biostimolanti. L'Informatore Agrario 40/2022
6. Cortignani R. (2023). Analisi della convenienza economica di impiego dei biostimolanti in orticoltura. Convegno organizzato dall'Informatore Agrario per il progetto "Biostimolanti in campo", Aula Magna del Pentagono – Agripolis, Università di Padova, 24 novembre 2023
7. Cortignani R. (2024). Biostimolanti: costi e benefici del loro utilizzo. Workshop "Biosolution", FIERAGRICOLA - Verona, 2 febbraio 2024

I hereby consent to the processing of the data I provided in this CV. I declare my agreement with the data protection regulations in the data privacy statement.

Viterbo, 20/09/2024

Firma
Raffaele Cortignani

