

Francesco Caracciolo



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Francesco Caracciolo is an Associate Professor at the Department of Agriculture of the University of Naples Federico II. With a career spanning over two decades, he has conducted groundbreaking research that explores the nexus between economic growth and environmental protection in the agriculture and food sectors. His work has contributed to the development of innovative policies and solutions that promote sustainable agricultural practices and foster circularity in the food supply chain. Dr. Caracciolo's scientific productivity is evidenced by over 120 scientific publications, 100 of which are listed on the international database Scimago and have received over 2,100 citations, generating an H-index of 27. This bibliometric performance places Dr. Caracciolo in the top five in the Italian ranking of scientific productivity among 300 academics in his scientific field. Dr. Caracciolo is a consultant for the United Nations Food and Agriculture Organization (FAO), the Consultative Group on International Agricultural Research (CGIAR), and the European Commission. He has managed several research projects and presented over 80 papers at scientific conferences in Italy and abroad.

COORDINATION OF RESEARCH PROJECTS

1. 2022 Task Leader 2.3.4 "Development and validation of sustainable IPM plans" within the National Center for Agricultural Technologies AGRITECH. Task 2.3.4.
2. 2021 Scientific Responsible UNINA and WP Manager of the PILA Project (Technical Scientific Manager Prof. Pietro Campiglia) - PSR CAMPANIA 2014-2020 - GAL Terra Protetta - Intervention Type 16.1.1 "Support for the establishment and operation of the PEI GO on productivity and sustainability of agriculture" - Action 2 "Support for the POI
3. 2021 Winner as a Proponent (together with Prof. Danilo Russo and Prof. Antonio Garonna) of the FRA Program for the financing of University Research 2020, Line B. EcoBats Project - Ecosystem Services by Bats in Agroecosystems.
4. 2020-2021 Principal Investigator (together with Dr. Elisabetta Gotor, Dr. Michael Halewood) research project "Understanding the Implications of the Multilateral systems for benefit-sharing (MLS-BS) revision on the CGIAR Centers" financed through an international competitive tender by "CGIAR Research Program on Policies, institutions and Markets, Cluster 2 "Science policy and Innovation systems for sustainable intensification".
5. 2021 WP Manager of the Indigena Project (Technical Scientific Manager Dr. Nicola Materazzo) - PSR CAMPANIA 2014-2020 - Intervention Type 16.1.1 "Support for the establishment and operation of the PEI GO on productivity and sustainability of agriculture" - Action 2 "Support for the POI".
6. 2020-2021 Scientific Responsible for the research agreement: Linking Research to Impact: increasing the effectiveness of agriculture and food systems in improving nutrition projects - Econometric IFAD, funded by Bioversity International.
7. 2020 Scientific Responsible for the research agreement: Technical backstopping in the field of econometric analysis - Econometric A1257 (LoA n. L20HQ124), funded by Bioversity International.
8. 2019 Scientific Responsible for the research agreement: Econometric Analysis 3 Identifying adaptive strategies to enhance rural household's resilience: Empirical evidences from India (LoA n. 19HQ126); funded by Bioversity International.

9. WP Manager. Fertisele Project (Technical Scientific Manager Prof. Maria Antonietta Rao) - PSR Campania 2014-2020 - Intervention Type 16.1.1 "Support for the establishment and operation of the PEI GO on productivity and sustainability of agriculture" - Action 2 "Support for the POI".
10. 2018 Scientific Responsible for the research agreement: Econometric analysis 2. Design ex post impact studies and perform any econometric analysis the foresight modeling work (LoA n. L18HQ131); funded by Bioversity International.
11. 2016 Scientific Responsible for the research agreement: Econometric analysis of Biotic resilience and crop diversity in banana bean system (LoA n. L16HQ122) funded by Bioversity International.

PARTICIPATION IN THE FOLLOWING INTERNATIONAL PROJECTS OF PARTICULAR RELEVANCE IN THE LAST THREE YEARS:

1. Horizon 2020 - Ecostack "Stacking of ecosystem services: mechanisms and interactions for optimal crop protection, pollination enhancement, and productivity" funded by the EU.
2. "Nutritional contributions of traditional foods to the wellbeing of the rural poor in Africa" grant OPP53227 led by Bioversity International and funded by the Bill and Melinda Gates Foundation.
3. "The Africa Research in Sustainable Intensification for the Next Generation (Africa RISING) program" led by IITA, ILRI and IFPRI and funded by the US Government's Feed the Future Initiative (AID-BFS-G-11-00002)."

ACHIEVEMENT OF NATIONAL AND INTERNATIONAL AWARDS FOR RESEARCH ACTIVITIES

1. In 2022, the paper "Effects of Insurance Adoption and Risk Aversion on Agricultural Production and Technical Efficiency: A Panel Analysis for Italian Grape Growers" authored by S. Russo, C. Salvioni, F. Caracciolo, won the "2022 AIEAA Conference - Ornella Maietta Best Paper Award."
2. In 2018-2021, Dr. Caracciolo was awarded the honorary title of "Honorary Research Fellow" by Bioversity International - Development Impact Unit - CGIAR for his research in the field of economic analysis of the benefits of conserving and using biodiversity in agriculture.
3. In 2017, Dr. Caracciolo, along with A. Dal Bianco, V. Boatto, and F. Santeramo, won the "Most Popular - Highly Cited Article 2017" award by the European Review of Agricultural Economics for their paper "Tariffs and non-tariff frictions in the world wine trade."
4. In 2016, Dr. Caracciolo, along with M. D'Amico, G. Di Vita, E. Pomarici, A. Dal Bianco, and L. Cembalo, won the "Best Paper Candidate" award by the International Food and Agribusiness Management Association (IFAMA) for their paper "Private vs Collective Wine Reputation," presented at the IFAMA conference.
5. In 2016, Dr. Caracciolo, along with M. Borrello, A. Lombardi, S. Pascucci, and L. Cembalo, won the "Best Paper Candidate" award by the International Food and Agribusiness Management Association (IFAMA) for their paper "Active consumers in reducing food waste: a circular economy strategy," presented at the IFAMA conference.
6. In 2016, Dr. Caracciolo was listed as one of the "10% Most Cited PLOS ONE Authors of 2016" for his work on "On-farm diversity and market participation are positively associated with dietary diversity of rural mothers in Southern Benin, West Africa," authored by M.R. Bellon, G.D. Ntandou-Bouzitou, and F. Caracciolo.
7. In 2014, Dr. Caracciolo, along with L. Cembalo, S. Pascucci, and C. Tagliaferro, won the "Second Place Winner of the 2014 IFAMA Symposium Best Paper Award" for their paper "Development and Management of a Bio-Energy Supply Chain Through Contract Farming."
8. In 2014, the book "Wine Economics Quantitative Studies and Empirical Applications" edited by Eric Giraud-Héraud and Marie-Claude Pichery, and published by Palgrave MacMillan with ISBN 9781137289513, won the OIV Awards by the International Organization of Vine and Wine (OIV).
9. In 2011, Dr. Caracciolo was awarded the "Certificate of Appreciation" by the Department of Agricultural and Resource Economics at the University of California, Davis.

PARTICIPATION IN EDITORIAL BOARDS OF SCIENTIFIC JOURNAL

1. Since 2022 Associate Editor of *Frontiers in Sustainable Food Systems*, ISSN 2571581X
2. Since 2021 Academic Editor of *Plos One*, ISSN 1932-6203
3. Since 2020 Academic Editor of *Advances in Economics, Business and Management Research*, Atlantis press, Springer Nature. ISSN 2352-5428.
4. Since 2020 Editorial Board Member of *Agriculture*, MDPI ISSN 2077-0472
5. Since 2019 Editorial Board Member of *Economies*, MDPI ISSN 2227-7099
6. Since 2019 Editorial Board Member of *Sustainability*, MDPI ISSN 2071-1050

SELECTED PUBLICATIONS

1. Bellon, M. R., Ntandou-Bouzitou, G., Lauderdale, J. E., & Caracciolo, F. (2022). Combining market and nonmarket food sources provides rural households with more options to achieve better diets in Southern Benin. *Food Security*, 1-12. DOI: 10.1007/s12571-022-01320-w
2. Caracciolo, F., Furno, M., D'Amico, M., Califano, G., & Di Vita, G. (2022). Variety seeking behavior in the wine domain: A consumers segmentation using big data. *Food Quality and Preference*, 97, 104481. DOI: 10.1016/j.foodqual.2021.104481
3. Raimondo, M., Hamam, M., D'Amico, M., & Caracciolo, F. (2022). Plastic-free behavior of millennials: An application of the theory of planned behavior on drinking choices. *Waste Management*, 138, 253-261. DOI: 10.1016/j.wasman.2021.12.004
4. Raimondo, M., Caracciolo, F., Cembalo, L., Chinnici, G., Pappalardo, G., D'Amico, M. Moving towards circular bioeconomy: Managing olive cake supply chain through contracts (2021) *Sustainable Production and Consumption*, 28, pp. 180-191. DOI: 10.1016/j.spc.2021.03.039
5. Despotović, J., Rodić, V., Caracciolo, F. Farmers' environmental awareness: Construct development, measurement, and use (2021) *Journal of Cleaner Production*, 295, art. no. 126378, .DOI: 10.1016/j.jclepro.2021.126378
6. Pagnani, T., Gotor, E., Caracciolo, F. Adaptive strategies enhance smallholders' livelihood resilience in Bihar, India (2021) *Food Security*, 13 (2), pp. 419-437. DOI: 10.1007/s12571-020-01110-2
7. Bellon, M. R., Kotu, B. H., Azzarri, C., & Caracciolo, F. (2020). To diversify or not to diversify, that is the question. Pursuing agricultural development for smallholder farmers in marginal areas of Ghana. *World Development*, 125, 104682. 10.1016/j.worlddev.2019.104682 2-s2.0-85072254376
8. Borrello, M., Pascucci, S., Caracciolo, F., Lombardi, A., & Cembalo, L. (2020). Consumers are willing to participate in circular business models: A practice theory perspective to food provisioning. *Journal of Cleaner Production*, 259, 121013.
9. 4 Despotović, J., Rodić, V., & Caracciolo, F. (2019). Factors affecting farmers' adoption of integrated pest management in Serbia: an application of the theory of planned behavior. *Journal of Cleaner Production*, 228, 1196-1205. 10.1016/j.jclepro.2019.04.149 2-s2.0-85065062975
10. Borrello, M., Caracciolo, F., Lombardi, A., Pascucci, S., & Cembalo, L. (2017). Consumers' perspective on circular economy strategy for reducing food waste . *Sustainability*, 9(1), 141. 10.3390/su9010141 2-s2.0-85011060828
11. Dal Bianco, A., Boatto, V. L., Caracciolo, F., & Santeramo, F. G. (2016). Tariffs and non-tariff frictions in the world wine trade. *European Review of Agricultural Economics*, 43(1), 31-57.

12. Bellon, M. R., Ntandou-Bouzitou, G. D., & Caracciolo, F. (2016). On-farm diversity and market participation are positively associated with dietary diversity of rural mothers in Southern Benin, West Africa. *PloS one*, 11(9), e0162535.
13. Caracciolo, F., Cicia, G., Del Giudice, T., Cembalo, L., Krystallis, A., Grunert, K. G., & Lombardi, P. (2016). Human values and preferences for cleaner livestock production. *Journal of Cleaner Production*, 112, 121-130. 10.1016/j.jclepro.2015.06.045 2-s2.0-84934780023
14. Bellon, M. R., Gotor, E., & Caracciolo, F. (2015). Assessing the effectiveness of projects supporting on-farm conservation of native crops: Evidence from the High Andes of South America. *World development*, 70, 162-176.