


CURRICULUM VITAE

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POSITION: SENIOR RESEARCHER
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FIELDS OF INTERESTS

R&D Impact Assessment, Socio-Economic Impact of Innovation, Efficiency & Productivity Analysis, Sustainability Assessment, Mixed Methods, Applied Economics

EDUCATION

- ❖ Ph.D in Agricultural Economics- Sustainability "*International Doctorate mention*": Polytechnic University of Catalonia, *Barcelona, Spain, (2014)*. Department of Sustainability
- ❖ Master of Science in Economics: Barcelona University, *Barcelona, Spain, (2011)*.
- ❖ Master of Science in Agro-food Marketing: International Center for Advanced Mediterranean Agronomic studies - Mediterranean Agronomic Institute of Zaragoza (CIHEAM-IAMZ), *Zaragoza, Spain, (2010)*.
- ❖ Professional Master in Agro-Food Marketing, International Center for Advanced Mediterranean Agronomic Studies-Mediterranean Agronomic Institute of Zaragoza (CIHEAM-IAMZ), *Zaragoza, Spain, (2008)*.
- ❖ Engineer in Agricultural Economics: Carthage University, Ecole Supérieure d'Agriculture de Mograne, *Tunisia, (2007)*.

ACADEMIC POSITIONS

- ❖ Senior Researcher: Center for Agro-food Economics and Development (CREDA-UPC-IRTA), Spain (2019-present)
- ❖ Assistant Professor: Barcelona School of Civil Engineering, Polytechnic University of Catalonia, Spain (March-June 2018)
- ❖ Postdoctoral fellow: Institute of Agro-food Research and Technology-IRTA, Spain (2016-2019).
- ❖ Assistant Professor: Department of Agricultural Economics, University of Carthage, Mograne Agricultural High School, Tunisia (2014-2016).

PUBLICATION IN PEER- REVIEWED JOURNALS

1. **GUESMI, B.**; CABAS M., J. H. and GIL, J.M. (2023). “Measuring the Impact of Agricultural R&D on the Agricultural Productivity in Chile”. *Agribusiness: An International Journal*, 1-22. [DOI:10.1002/agr.21842](https://doi.org/10.1002/agr.21842)
2. CABAS M., J.H.; **GUESMI, B.**; AIT SIDHOM, A. and GIL, J.M. (2023). “Measuring Technical Efficiency of Spanish Pig Farming: Quantile Stochastic Frontier Approach”. *Australian Journal of Agricultural and Resource Economics*, 00, 1-16. <https://doi.org/10.1111/1467-8489.12518>
3. TRONCOSO, R.; MONJE CABAS, J.; **GUESMI, B.** and GIL, J.M (2023). “A cross-country comparison of pig production systems performance: Evidence from EU Countries”. *Agricultural and Resource Economics (EARN)*, (Accepted).
4. CHAMS, N.; **GUESMI, B.** and Gil, J.M (2023). “The nexus between research impact and sustainability assessment: From stakeholders’ perspective”. *Research Evaluation*, rrad001. <https://doi.org/10.1093/reseval/rvad001>.
5. **GUESMI, B.**; YANGUI, A., TAGHOUTI, I.; and GIL, J.M. (2023). “Trade-off between land use pattern and technical efficiency performance: Evidence from arable crop farming in Tunisia”. *Land*, 12(1), 94. <https://doi.org/10.3390/land12010094>
6. ALAN TURNER, J.; **GUESMI, B.**; GIL, J.M.; HEANUE, K.; SIERRA, M.; PERCY, H.; Isabel BORTAGARAY, I.; CHAMS, N.; MILNE, C. (2022). “Evaluation capacity building in response to the agricultural research impact agenda: Emerging insights from Ireland, Catalonia (Spain), New Zealand and Uruguay”. *Evaluation and Program Planning*, 94, 102127. <https://doi.org/10.1016/j.evalprogplan.2022.102127>
7. **GUESMI, B.** and GIL, J.M. (2022). “Measuring the impact of agricultural research on Catalan agricultural productivity”. *Review of Economics and Finance*, 19(1), 284-291. <https://doi.org/10.55365/1923.x2021.19.29>
8. **GUESMI, B.** and GIL, J.M. (2021). “Building a Culture of Research Impact Assessment within the Agro-food Research Organizations”. *Agricultural and Food Economics* 9, 33. <https://doi.org/10.1186/s40100-021-00204-5>.
9. TAGHOUTI, I.; OUERTANI, E. and **GUESMI, B.** (2021). “The Contribution of Non-Wood Forest Products to Rural Livelihoods in Tunisia: The Case of Aleppo Pine. *Forests*, 12, 1793. <https://doi.org/10.3390/f12121793>
10. AIT SIDHOM, A.; **GUESMI, B.**; CABAS M., J.H. and GIL, J.M. (2021). “The impact of alternative feeding strategies on total factor productivity growth of pig farming: Empirical evidence from EU countries”. *Spanish Journal of Agricultural Research*, 19 (2), e0106. [10.5424/sjar/2021192-17291](https://doi.org/10.5424/sjar/2021192-17291).
11. CABAS M., J.H.; LUIS, A.R.; JONATHAN, L.H.; **GUESMI, B.** and GIL, J.M. (2021). “Efficiency in swine production in European countries. Cases of Denmark and Poland”. *Revista Científica de Veterinaria*, XXXI (1), 31-39. [10.52973/rcfcv-luz311.art4](https://doi.org/10.52973/rcfcv-luz311.art4).
12. CHAMS, N.; **GUESMI, B.** and Gil, J.M (2020). Beyond the scientific contribution: Assessment of the societal impact of research and innovation to build a sustainable agri-food sector. *Journal of Environmental Management*, 264: 110455. [doi:10.1016/j.jenvman.2020.110455](https://doi.org/10.1016/j.jenvman.2020.110455).
13. TORRES, M.A.O.; KALLAS, Z.; HERRERA, S.I.O. and **GUESMI, B.** (2019). Is Technical Efficiency Affected by Farmers’ Preference for Mitigation and Adaptation

Actions against Climate Change? A Case Study in Northwest Mexico. *Sustainability* 11(12), 3291. <https://doi.org/10.3390/su11123291>

14. **GUESMI, B.**; SERRA, T.; RADWAN, A. and GIL, J.M. (2018). Efficiency of Egyptian Organic Agriculture: a Local Maximum Likelihood Approach. *Agribusiness: An International Journal*, 00, 1–15. [doi:10.1002/agr.21520](https://doi.org/10.1002/agr.21520)
15. **GUESMI, B.**; SERRA, T.; FEATHERSTONE, A.M. (2015). Technical efficiency of Kansas arable crop farms: a local maximum likelihood approach. *Agricultural Economics*, 46(6), 703-713. [doi: 10.1111/agec.12186](https://doi.org/10.1111/agec.12186)
16. **GUESMI, B.** and SERRA, T. (2015). Can we improve farm performance? The determinants of farm Technical and environmental efficiency. *Applied Economic Perspectives & Policy*, 37 (4): 692-717. [doi: 10.1093/aep/pvp004](https://doi.org/10.1093/aep/pvp004)
17. **GUESMI, B.**; SERRA, T.; KALLAS, Z. and GIL, J.M. (2012). The productive efficiency of organic farming. The case of grape growing in Catalonia. *Spanish Journal of Agricultural Research*, 10: 552-566. [doi: 10.5424/sjar/2012103-462-11](https://doi.org/10.5424/sjar/2012103-462-11)

PAPER CURRENTLY UNDER REVIEW

1. AIT SIDHOM, A.; VRACHIOLI, M.; **GUESMI, B.** and GIL, J.M. (2023). “The role of rational decisions in technical inefficiency analysis of Spanish pig farms: the influence of water use management”. *Resources, Conservation & Recycling (Second round review)*.
2. CABAS M., J.H.; **GUESMI, B.** and GIL, J.M. (2023). “A Cross-Country Comparative Assessment of Efficiency Performance of European Pig Production Systems”. *International Journal of Productivity and Performance Management, (Second round review)*.
3. TRONCOSO, R.; MONJE CABAS, J. and **GUESMI, B.** (2023). Land tenure and cost inefficiency: the case of rice cultivation in Chile. *Revista de la Facultad de Ciencias Agrarias UNCuyo, (First round review)*.
4. **GUESMI, B.**; TAGHOUTI, I.; ESCOBAR, C. and GIL, J.M (2023). Supply chain resilience during the pandemic disruption: evidence from the agro-food sector. *International Journal on Food System Dynamics, (First round review)*.
5. CHAMS, N.; **GUESMI, B.**; Gil, J.M; MOLINS, M. and CUBEL, R. (2023). “Between “Research Producers” and “Research Adopters”: The Role of Knowledge and Innovation Transfer on Sustainability Impact”. *Evaluation (Second Round Review)*.
6. TAGHOUTI, I.; RAHMANI, D.; **GUESMI, B.**; DHEHIBI, S. and GIL, J.M (2023). Connecting Forest Management Priorities and Societal Preferences for forest Ecosystem Services. *Journal of Environmental Planning and Management, (Under Review)*.
7. MONJE CABAS, J.; TRONCOSO, R.; **GUESMI, B.** and GIL, J.M (2023). Estimation of farm level transient and persistent efficiency of rice production in Spain. *(to be submitted)*.

CHAPTER IN BOOKS

1. **GUESMI, B.**; TAGHOUTI, I.; ABDELHAFIDH, H.; SELMI, S. and ARFA, L. (2021). Assessment of the environmental sustainability of family farming: The case of cereal sector in Tunisia. In: Khebour Allouche, F., Abu-hashim, M, and Abdelazim, N. (Eds). *Agriculture Productivity in Tunisia under Stressed Environment*. Series: Springer Water. Springer International Publishing: 13-26. [doi:10.1007/978-3-030-74660-5_2](https://doi.org/10.1007/978-3-030-74660-5_2)
2. **GUESMI, B.**; SERRA, T. and CARRION-I-SILVESTRE, J.L. (2013). Technical Efficiency of Organic Farming. ISBN-10: 365942921X-ISBN-13: 978-3659429217. LAP

CONGRESSES AND SEMINARS

1. **GUESMI, B.**; YANGUI, A., TAGHOUTI, I.; and GIL, J.M. (2023). Trade-off between land use pattern and technical efficiency performance: Evidence from arable crop farming in Tunisia (2023). Paper presented at the 14th Congreso de Economía Agraria, *Zaragoza, Spain 6-8th September 2023*.
2. TRONCOSO, R.; MONJE CABAS, J. and **GUESMI, B.** (2023). Land tenure and cost inefficiency: the case of rice cultivation in Chile (2023). Paper presented at the XIV Congreso de Economía Agraria, *Zaragoza, Spain 6-8th September 2023*.
3. TRONCOSO SEPÚLVEDA, R.; MONJE CABAS, J.; VALLEJOS CARTES, R. and **GUESMI, B.** (2023). Heterogeneidad tecnológica y productividad: el caso de las explotaciones de cerdo alemanas. Paper accepted at the Encuentro Anual de la Sociedad Chilena de Estudios Regionales, *Valdivia, Chile, 29 November- 01 December, 2023*.
4. **GUESMI, B.**; YANGUI, A., TAGHOUTI, I.; and GIL, J.M. (2023). “Environmental-Economic trade-offs of Diversified Farming Systems: Evidence from Arable Crop Sector”. Paper presented at the 19th European Association of Agricultural Economists, EAAE Congress, *Rennes, France, August 29th-September 1st, 2023*.
5. TAGHOUTI, I.; **GUESMI, B.**; and GIL, J.M. (2023). “The Role of Innovation in Farm Economic Sustainability: Evidence from livestock Farming”. Poster presented at the 19th European Association of Agricultural Economists, EAAE Congress, *Rennes, France, August 29th-September 1st, 2023*.
6. MONJE CABAS, J.; TRONCOSO, R.; **GUESMI, B.** and GIL, J.M (2023). Estimation of farm level transient and persistent efficiency of rice production in Spain. Paper presented at the 1st Latin-American Workshop on Productivity and Efficiency (LAWPE 2023), *Montevideo, Uruguay. 19-21 April, 2023*.
7. TRONCOSO, R.; MONJE CABAS, J.; **GUESMI, B.** and GIL, J.M (2022). A cross-country comparison of pig production systems performance: Evidence from EU Countries. Paper presented at the 182nd EAAE Seminar, *Chania, Greece, 14-15 September 2022*.
8. TAGHOUTI, I.; **GUESMI, B.** and GIL, J.M (2022). Household livelihood strategies and forest dependence in Tunisia. Paper presented at the 182nd EAAE Seminar, *Chania, Greece, 14-15 September 2022*.
9. MONJE CABAS, J.; **GUESMI, B.**; AIT SIDHOUM, A. and GIL, J.M (2022). Transient and persistent efficiency of European pig farming: a four component panel stochastic frontier approach. Paper presented at the 17th European Workshop on Efficiency and Productivity Analysis (EWEPA PORTO|2022), Católica Porto Business School, *Porto, Portugal, June 27-29, 2022*, available at: https://www.ewepa.org/images/Congresso/abstracts/EWEPA_Abstratcts_FinalVersion.pdf
10. **GUESMI, B.**; TAGHOUTI, I.; ESCOBAR, C.; GIL, J.M (2022). Examining the resilience of agro-food supply chain during the covid-19 era. Paper presented at the 96th Annual Conference of the Agricultural Economics Society, K U Leuven, Belgium, *April 4-6, 2022*.
11. TAGHOUTI, I.; RAHMANI, D.; **GUESMI, B.**; DHEHIBI, S. and GIL, J.M (2022). Social demand for multiple ecosystem services provided by Aleppo pine forest management in Tunisia. Paper presented at the 16th International European Forum: System Dynamics and Innovation in Food Networks (IglS-Forum), Garmisch-Partenkirchen/Munich, Germany, *February 14-18, 2022*.

12. **GUESMI, B.**; CABAS, J. and GIL, J.M (2021). Measuring the impact of agricultural research on Chilean agricultural sector. Paper presented at the 18th European Association of Agricultural Economists, EAAE Congress, *Prague, Czech Republic, August 25-28, 2021*.
13. AIT SIDHOM, A.; **GUESMI, B.**; CABAS, J. and GIL, J.M (2021). “Total Factor Productivity Change in Pig Production Systems in EU Countries”. Poster presented at the 18th European Association of Agricultural Economists, EAAE Congress, *Prague, Czech Republic, August 25-28, 2021*.
14. CHAMS, N.; **GUESMI, B.** and Gil, J.M (2021). From Stakeholders’ lens: Bridging research impact and sustainability assessment. Paper presented at the 18th European Association of Agricultural Economists, EAAE Congress, *Prague, Czech Republic, August 25-28, 2021*.
15. TAGHOUTI, I.; **GUESMI, B.**; LAABIDI, S. and YOUSSEF, S.B (2021). Perspectives of adopting technological innovation in livestock-based production system. Paper presented at the *31th International Conference of Agricultural Economists (ICAE), New Delhi, India, August 17-3, 2021*. (Available at <https://ageconsearch.umn.edu/record/315285?ln=en>)
16. MONJE CABAS, J.; **GUESMI, B.**; AIT SIDHOUM, A. and GIL, J.M (2021). Investigating Technical Efficiency of Spanish Pig Farming: A Quantile Regression Approach. Paper presented at the *31th International Conference of Agricultural Economists (ICAE), New Delhi, India, August 17-3, 2021*. (Available at <https://ageconsearch.umn.edu/record/315196?ln=en>).
17. CHAMS, N.; **GUESMI, B.**; GIL, J.M.; MOLINS, M. and CUBEL, R. (2021). Between “Research Producers” and “Research Adopters”: The Role of Knowledge and Innovation Transfer on Sustainability Impact. Paper presented at the *31th International Conference of Agricultural Economists (ICAE), New Delhi, India, August 17-3, 2021*. (Available at <https://ageconsearch.umn.edu/record/315264?ln=en>).
18. **GUESMI, B.**; ESCOBAR, C.; TAGHOUTI, I. and GIL, J.M (2021). The impact of covid-19 on the Catalan agro-food supply chain. Paper presented at the 179th EAAE Seminar on “Food Policy Modelling as an Effective and Expeditious Response to Today’s Urgent Issues”, Chania (CIHEAM-MAICh), Crete, Greece, 09-10th *September 2021*.
19. Cabas Monje, J.; **Guesmi, B.**; Ait Sidhoum, A. and Gil, J.M (2021). Eficiencia Persistente y Transitoria en la Producción de Carne de Cerdo en Europa: Un Análisis de Frontera Estocástica. Paper presented at the XIII Congreso de Economía Agraria, Cartagena, *Spain 1-3th September 2021*.
20. CABAS-MONJE, J.); AMÉSTICA-RIVAS, L.; LABRA-HERNÁNDEZ, J.; **GUESMI, B.** and GIL, J.M (2021). Eficiencia productiva en el sector porcino: un estudio de casos de Dinamarca y Polonia. Paper presented at the XIII Congreso de Economía Agraria, Cartagena, *Spain 1-3th September 2021*.
21. **GUESMI, B.**; ESCOBAR, C.; TAGHOUTI, I.; GIL, J.M. El impacto del COVID sobre la cadena de valor alimentaria catalana (2021). Paper presented at the XIII Congreso de Economía Agraria, Cartagena, *Spain 1-3th September 2021*.
22. **GUESMI, B.**; GIL, J.M. The impact of water pricing policy on the economic viability of pig farming in Catalonia (2021). Paper presented at the XIII Congreso de Economía Agraria, Cartagena, *Spain 1-3th September 2021*.
23. TAGHOUTI, IBTISSEM; OUERTANI, E.; **GUESMI, B.** AND ARFAOUI, M. The role of non-wood forest products in household food security and income generation in Tunisia. Paper presented at the XIII Congreso de Economía Agraria, Cartagena, *Spain 1-3th September 2021*.
24. CHAMS, N.; **GUESMI, B.** and Gil, J.M (2019). Beyond the scientific contribution: Assessment of the societal impact of research and innovation to build a sustainable agri-

- food sector. *Paper presented at the 8th EAAE PhD Workshop, Uppsala, Sweden, 10-12th June, 2019.*
25. CHAMS, N.; **GUESMI, B.** and Gil, J.M (2019). Societal impact of research & innovation in the almond sector: key to optimal productivity and sustainable consumption. Paper presented at the XII Congreso de Economía Agraria, Lugo, *Spain 4-6th September 2019.*
 26. MISSAOUI, S.; **GUESMI, B.**; OUERTANI, E.; BEN ARFA, Y.; TAGHOUTI, I.; Gil, J.M. (2018). An empirical analysis of the determinants of Tunisian seafood trade. Paper presented at the 2nd *International Conference on Economic Research, Alanya, Turkey, 19-20th October 2018.*
 27. **GUESMI, B.**; TAGHOUTI, I.; ABDELHAFIDH, H.; SELMI, S. and ARFA, L. (2018). Measuring Technical and Environmental Efficiency of Tunisian Cereal Farms. ISBN: 978-605-81058-0-5 Paper presented at the 2nd *International Conference on Economic Research, Alanya, Turkey, 19-20th October 2018.* Available at <http://www.econalanya.com/ECONALANYA%202018%20Proceedings%20Book.pdf>
 28. TAGHOUTI, I.; OUERTANI, E.; **GUESMI, B.**; ARFAOUI, M. (2018). Contribution of Non Wood Forest Products to household income and food security in Tunisia: The case of Aleppo Pine. Paper presented at the 4th *International Non-Wood Forest Products Symposium, Bursa, Turkey, 4 – 6 October, 2018.*
 29. **GUESMI, B.** and GIL, J.M. (2018). Monitoring and Evaluation of Public Agricultural Research Organization: Impact oriented monitoring approach. Paper presented at the 30th *International Conference of Agricultural Economists (ICAE), Vancouver, British Columbia, 28 July - 2 August, 2018.* Available at <https://cslide.ctimeetingtech.com/icae2018/attendee/person/952>
 30. **GUESMI, B.** and GIL, J.M. (2017). Monitoring and Evaluation of Public Agricultural Research Organization. Strategic Partnership Workshop. *Oak Park, Carlow, Ireland, 29-30 November 2017.*
 31. YANGUI, A.; HAMMAMI, O.; BEN ALI, S. and **GUESMI, B.** (2017). Impact of climate change on wheat crop yields in North-West of Tunisia. Paper presented at the 2nd *International conference: Scientific Days of Medjerda (SDMed2017), Medjez el Bab, Tunisia, October 25-27, 2017.* Available at <http://www.esier.agrinet.tn/jsmed/index.php/program>.
 32. **GUESMI, B.**; ELFKIH, S.; BAKIR, R.; BEN ABDALLAH, S.; SAHNOUN, H.; TAGHOUTI, I and Gil, J.M. (2017). Sustainability assessment of olive growing farms in Tunisia. Paper presented at the XI Congreso de Economía Agraria, *Oribuela-Elche, 13-15 September 2017, Spain.* Available at <http://xi-congreso.chil.org/download-file/b9912588-5234-4a16-b7d5-f61b445fa0aa/>).
 33. **GUESMI, B.** and GIL, J.M. (2017). Measuring the impact of agricultural research on Catalan agricultural productivity. Paper presented at the 17th European Association of Agricultural Economists, EAAE Congress, *Parma, Italy, August 29-September 1, 2017.* (Available at <https://ageconsearch.umn.edu/record/261279?ln=en>).
 34. ABDELRAADI, F.; EWISS, M.A.Z. and **GUESMI, B.** (2017). Attitudes toward the use of treated wastewater: A survey of the rural population in Egypt. Paper presented at the 17th European Association of Agricultural Economists, EAAE Congress, *Parma, Italy, August 29-September 1, 2017.* Available at <https://ageconsearch.umn.edu/record/261113?ln=en>.
 35. **GUESMI, B.**; SERRA, T.; RADWAN, A. and GIL, J.M. (2014). Efficiency of Egyptian Organic Agriculture: a Local Maximum Likelihood Approach. Paper presented at the 16th European Association of Agricultural Economists, EAAE Congress, *Ljubljana, Slovenia, August 26-29, 2014.* Available at <https://ageconsearch.umn.edu/record/183023?ln=en>

36. **GUESMI, B.** and SERRA, T. (2013). Technical and environmental efficiency of Catalan arable crop farms: A state Contingent Analysis. Paper presented at the IX Congreso de Economía Agraria, Castelldefels, *Barcelona, Spain, 3- 5 September 2013*.
37. **GUESMI, B.**; SERRA, T.; FEATHERSTONE, A.M. (2013). Technical efficiency of Kansas arable crop farms: a local maximum likelihood approach. Paper presented at the 2013 American Agricultural & Applied Economics Association (AAEA) & Canadian Agricultural Economic Society (CAES) Joint Annual Meeting, *Washington D.C., USA, August 4-6, 2013*. Available at <http://ageconsearch.umn.edu/handle/147488>.
38. **GUESMI, B.** and SERRA, T. (2013). Technical and environmental efficiency of Catalan arable crop farms". Paper presented at the 13th European Workshop on Efficiency and Productivity Analysis (EWEPA"13), Aalto University School of Economics, *Helsinki, Finland, June 17- 20, 2013*. Available at <http://ewepa.org/helsinki13/images/PDF/EWEPA2013%20Book%20of%20abstracts.htm>.
39. **GUESMI, B.**; SERRA, T.; KALLAS, Z. and GIL, J.M. (2011). The productive efficiency of organic farming. The case of grape growing in Catalonia. Paper presented at *V Congreso de Eficiencia y Productividad, Universidad de Córdoba, Córdoba, Spain, May 19-20*. Available at <http://upcommons.upc.edu/e-prints/handle/2117/14450>.

TECHNICAL REPORTS

1. CHAMS, N.; **GUESMI, B.** and GIL, J.M. (2020). Measuring the societal impact of agricultural research (INIA) (Catalonia).
2. **GUESMI, B.**; CABAS, J. and GIL, J.M. (2019). Measuring the societal impact of agricultural research (IRTA) (Chile).
3. **GUESMI, B.** and GIL, J.M. (2019). The impact of water-pricing policy in Catalonia: An analysis of pig sector (ACA).
4. **GUESMI, B.**; ESCOBAR, C. and GIL, J.M. (2021). Estimació dels costos en viticultura per a la collita 2022. Departament d'Acció Climàtica, Alimentació i Agenda Rural, Barcelona. Available at: http://agricultura.gencat.cat/web/.content/de_departament/de02_estadistiques_observatoris/08_observatoris_sectorials/02_observatori_vinya_vi_cava/fitxers_estatics/estudis/informe-costos-raim.pdf
5. **GUESMI, B.**; ESCOBAR, C.; TAGHOUTI, I.; DIAZ RUIZ, R. and GIL, J.M. (2021). Informe sobre el sector vitivinícola a Catalunya. The Impact of COVID-19 on Food Loss and Waste within the Catalan Food Supply Chain. Departament d'Agricultura, Ramaderia i Pesca -Generalitat de Catalunya, Barcelona. Available at: http://agricultura.gencat.cat/web/.content/04-alimentacio/malbaratament-alimentari/enllacos-documentos/fitxers-binari/Resum-executiu_Impacte-COVID-sobre-perdues-i-malbaratament-alimentari_2020_Final.pdf
6. **GUESMI, B.**; SERRA, T. and KALLAS, Z. (2010). Eficiència productiva en l'agricultura ecològica: el cas de la viticultura a catalunya. Informe núm. 1, Març 2010. Available at: http://agricultura.gencat.cat/web/.content/de_departament/de02_estadistiques_observatoris/08_observatoris_sectorials/02_observatori_vinya_vi_cava/fitxers_estatics/informes/iov_2010_01.pdf

FUNDED RESEARCH PROJECTS (COMPETITIVE CALLS)

1. Projects for the Departament d'Acció Climàtica, Alimentació i Agenda Rural (DAAC): Production costs of agricultural products (Wine, Peach, Artichoke, Cereals, etc); Sustainability performance of Catalan farms, Impact of Drought on Catalan Agricultural Sector.
2. Title: CO-creating sustainable and competitive FRuits and vEgetableS' value cHains in Europe. 2020-Present. Funding: The European Commission (Grant agreement no: 101000852).
3. Title: Evaluation capacity building within agricultural research organizations: 2017–Present. Funding: The Strategic Partnership Project (IRTA: Spain- Teagasc: Ireland - INIA: Uruguay- AgResearch: New Zealand).
4. Title: Impact of innovation subsidies on operating groups and agro-food firms: 2022. Funding Catalan Agricultural Department.
5. Title: Analysis of economic viability of artichoke varieties in the “Parc Agrari”, Catalonia: 2022. Funding: Barcelona Provincial Council.
6. Title: Socio-economic life cycle assessment of new feedstuffs for pig sector: 2021-2022. Funding: IRTA & Ajinomoto.
7. Title: Measuring the impact of agricultural research on Chilean agricultural sector-Chile (INIA): 2019. Funding INIA project.
8. Title: The impact of water-pricing policy in Catalonia: An analysis of pig sector: 2019. Funding: Catalan Water Agency (R-12-00-02).
9. Title: Measuring the societal impact of agricultural research (IRTA): 2016 –2019. Funding IRTA project.
10. Title: Adapting the feed, the animal and the feeding techniques to improve the efficiency and sustainability of monogastric livestock production systems: 2015–2020. Funding: the European Commission (Grant agreement no: 633531).
11. Title: Technical and economic analysis of arable crop sector in Tunisia: November 2015 – October 2016. Funding: Office de Développement Sylvo Pastoral du Nord-Ouest (ODESYANO).
12. Title: Integrated and sustainable crop management system of protected vegetable: September 2015 – December 2018. Funding Tunisian Ministry of Agriculture.
13. Title: La Eficiencia Medioambiental de la Agricultura Española (The Environmental Efficiency of Spanish Agriculture), RTA2012-00002-00-00. September 2012 – 2014. Funding: Spanish Ministry of Economy and Competitiveness, VI Plan Nacional de Investigación Científica, Desarrollo e Innovación Tecnológica (2008-2011), Subprograma de Proyectos de Investigación Fundamental Orientada a los Recursos y Tecnologías Agrarias en coordinación con las CC.AA. y de Acciones Complementarias.
14. Title: Principales Factores Determinantes de las Decisiones de Producción y Consumo de Alimentos Ecológicos (Main Determinants of Organic Food Production and Consumption Decisions), RTA2006-00002-00-00. September 2006- August 2009. Funding: Ministry of Science and Innovation, Plan Nacional de Investigación Científica, Desarrollo e Innovación Tecnológica 2004-2007, Subprograma Nacional de Recursos y Tecnologías Agrarias en Coordinación con las CC.AA.
15. Title: Principales Determinantes de la adopción de la Agricultura Orgánica en Egipto (Principal Determinants of the Adoption of the Organic Agriculture in Egypt)” (A/028565/09), financed by the Spanish Agency for International Cooperation (AECID), 2010-2011.

AWARDS AND GRANTS

- ❖ International Conference of Agriculture Economist (ICAE). International competitive call. Grant for Assisting at the 31th Virtual Conference of the ICAE, New Delhi, India, (17 August-31 August 2021).
- ❖ International Conference of Agriculture Economist (ICAE). International competitive call. Grant for Assisting at the 30th Conference of the ICAE, Vancouver, Canada, (28 July-2 August 2018).
- ❖ Spanish Association of Agriculture Economics (AEAE). Spanish competitive call. Grant for the assistance to the IX Congress of the AEAE. Barcelona, Spain (September 2013).
- ❖ Agency for Management of University and Research Grants (AGAUR). Spanish competitive call. Grant for realizing research stage at Mansholt Graduate School, Business Economics Department, Wageningen University, Wageningen (July-November 2013).
- ❖ Center for Agro-food Economy and Development (CREDA). Spanish competitive call. Grant for realizing Doctoral study in Agricultural Economics. (2010- 2013).
- ❖ Mediterranean Agronomic Institute of Zaragoza (CIHEAM-IAMZ). International competitive call. Grant for realizing the Master study in Agro-Food Marketing. (2007-2009).

ADVANCED COURSES REALIZED

- ❖ Research Impact Training. The Agency for the Research Centres of Catalonia CERCA, *Barcelona, Spain November 2022- June 2023.*
- ❖ Research Impact Assessment Workshop. The Agency for the Research Centres of Catalonia CERCA, *Barcelona, Spain 19 November 2019.*
- ❖ RIACat Seminar Training on impact: Research Impact Assessment in Catalonia. Agency for Health Quality and Assessment of Catalonia, *Barcelona, Spain 22-25 May 2018.*
- ❖ Scientific Days of Socio-economic Impacts of Catalan Public Universities and Research, Development and Innovation in Catalonia. *Barcelona, Spain 20 November 2017.*
- ❖ Training Course on Microbiological Criteria in Foodstuffs- GIZ. Rome, Italy, 31 August-03 September 2015.
- ❖ Summer School, theory and practice of efficiency & productivity measurement. Mansholt Graduate School. Wageningen University, *Wageningen, Netherlands, July 2010.*
- ❖ Economic estimation of frontier functions and Economic efficiency. William H. Greene. Instituto de Estudios Fiscales, *Madrid, Spain, March 2009.*

REFEREE WORK: REVIEWER FOR

- ❖ Research on World Agricultural Economy
- ❖ Quaderns Agraris
- ❖ Environmental Management and Sustainable Development
- ❖ Management of Environmental Quality
- ❖ Scientometrics
- ❖ Journal of Agricultural Economics and Rural Development
- ❖ Economics of Innovation and New Technology
- ❖ Agribusiness: An International Journal
- ❖ Economía Agraria y Recursos Naturales-Agricultural and Resource Economics journal
- ❖ Agricultural Economics
- ❖ Journal of Agricultural Science

- ❖ Review of Development Economics
- ❖ Journal of Development and Agricultural Economics
- ❖ Journal of Integrative Agriculture
- ❖ Agriculture, Agronomy, Water, Land, Energies, Climate, Sustainability, Atmosphere
- ❖ The XVIIth EAAE Congress European Association of Agricultural Economists, EAAE Congress, *Rennes, France, August 29- September 1, 2023.*
- ❖ The 82nd Annual Meeting of the Academy of Management, *Seattle, Washington, USA, 5-9 August 2022.*
- ❖ The 31th The International Association of Agricultural Economists, ICAE Congress, New Delhi, *India, August 17-August 31, 2021.*
- ❖ The XIIIth Spanish Association of Agricultural Economist. *Cartagena (Spain), September, 1st-03rd, 2021.*
- ❖ The 18th European Association of Agricultural Economists, EAAE Congress, *Prague, Czech Republic, August 25-28, 2020.*
- ❖ The Fourth International Conference on Economic and Business Management (FEBM2019), *Sanya, China, October 19-21, 2019.*
- ❖ The 30th The International Association of Agricultural Economists, IAAE Congress, *Vancouver, Canada, July 28-August 2, 2018.*
- ❖ The 17th European Association of Agricultural Economists, EAAE Congress, *Parma, Italia, August 29-September 1, 2017.*
- ❖ The 4th International Conference of the African Association of Agricultural Economist, *Hammet, Tunisia, September 22-25, 2013.*

ORGANIZATION AND SCIENTIFIC COMMITTEE OF CONGRESS

- ❖ Member of the scientific committee. XIII Congreso Nacional de Economía Agraria. Sistemas agroalimentarios sostenibles, innovadores e inclusivos para una sociedad en transformación. *Cartagena (Spain), September, 1st-03rd, 2021.*
- ❖ Member of the organizing committee. Strategic Partnership Theme 6 Workshop, *Barcelona (Spain), February, 20th-22nd, 2019.*
- ❖ Member of the scientific and organizing committee. Journée scientifique Internationale de l'ESA de Mograne : Gestion Durable des Ressources Naturelles, *Zaghouane (Tunisia), December 13th, 2017.*
- ❖ Member of the scientific and organizing committee. Journée scientifique Internationale de l'ESA de Mograne : Agriculture Pluviale et Aménagement du Milieu Naturel en Zone Semi Aride, *Zaghouane (Tunisia), December 14th, 2016.*
- ❖ Member of the scientific and organizing committee. Journée scientifique Internationale de l'ESA de Mograne : Agriculture Durable et Sécurité Alimentaire, *Zaghouane (Tunisia), December 17th, 2015.*
- ❖ Member of the scientific and organizing committee. Journée scientifique Internationale de l'ESA de Mograne : Gestion Durable des Ressources Naturelles, *Zaghouane (Tunisia), December 11th, 2014.*

SUPERVISION OF PhD & MASTER THESES

Supervision of PhD Theses

- ❖ Title: Sustainability Assessment of Catalan Agricultural Sector. Author: Mahdiah Khezri Nejad. Center: CREDA, Polytechnic University of Catalonia. Starting date: 2023. Directors: Bouali Guesmi & José María Gil
- ❖ Title: Addressing Innovation towards Blue Economy in Catalonia: Catalan R+D+I Maritime Network (BlueNetCat). Author: Pablo Bou. Center: CREDA, Xarxa Marítima d'R+D+I de Catalunya (BlueNetCat), Polytechnic University of Catalonia. Starting date: 2022. Directors: Lourdes Reig & Bouali Guesmi
- ❖ Title: Assessment of the Societal Impact of Research & Innovation in the Agro-food Sector. Author: Nour Chams. Center: CREDA, Polytechnic University of Catalonia. Starting date: September 2017. Defense date: November 2021. Directors: José Maria Gil & Bouali Guesmi

Supervision of Master Theses

- ❖ Title: Marketing strategy of table-egg at the national market, case study of "Diwen" Brand. Author: Aymen Mhadhebi. Center: ESAM, Defense date: January 27, 2016. Directors: B. Guesmi & E. Ouertani
- ❖ Title: Analysis of Tunisian consumer behavior towards regional products. Author: Bellili Fatma. Center: ESAM, Defense date: January 27, 2016. Directors: B. Guesmi & L. Albouchi
- ❖ Title: Food quality certification: An approach for the development of "protected designation of origin" for honey produced in Zaghouan region. Author: Rania Melliti. Center: ESAM, Defense date: January 27, 2016. Directors: B. Guesmi & A. Chaieb

PhD Committees

- ❖ Sergio Alejandro Urioste Daza (2023). Impact assessment of technological and institutional innovations to improve the plant variety registration system in the European Union. Polytechnic University of Catalonia-Spain.
- ❖ Sameh Missaoui (2020). Impact of EcoPact project on the quality of life of Bizerte population. Polytechnic University of Catalonia-Spain.
- ❖ Niloofar Pejman (2018). Animal welfare concerns in Europe and Iran: policy perspective and society. Polytechnic University of Catalonia-Spain.
- ❖ Selene Ivette Ornelas Herrera (2019). Consumer and farmer preferences towards a sustainable agri-food system. Polytechnic University of Catalonia-Spain.

COURSES TAUGHT

MASTER COURSES

1. **Barcelona School of Civil Engineering, Polytechnic University of Catalonia, Spain**
 - ❖ Environmental Economics, Legislation and Policy (2017-2018)
2. **École Supérieure d'Agriculture de Mograne, University of Carthage, Tunisia**
 - ❖ Pricing strategy in the marketing mix (2016)
 - ❖ E-commerce and Web marketing (2015-2016)
 - ❖ International trade (2015-2016)

- ❖ Supply and demand of Agricultural products (2016)
- ❖ Survey analysis and multivariate techniques in market research (2015)
- ❖ Marketing and market research (2015-2016)

UNDERGRADUATE COURSES

Ecole Supérieure d'Agriculture de Mograne, University of Carthage, Tunisia

- ❖ Agro-food Marketing (2014-2015-2016)
- ❖ International trade (2015-2016)
- ❖ Macroeconomics I (2014-2015-2016)
- ❖ Macroeconomics II (2015)
- ❖ Introduction to SPSS software: Multivariate Analysis. ESAM-FAO (2015).

ADVANCED KNOWLEDGE OF STATISTICAL PROGRAMS

- ❖ GAMS, SAS, STATA, R, Frontier 4.1, SPSS, LIMDEP, Eviews

LANGUAGES

- ❖ Arabic, French, English, Spanish, Catalan (basic knowledge)

SOCIAL & ORGANIZATIONAL SKILLS & COMPETENCES

- ❖ Team work, Coordination, Mentoring, Social perceptiveness
- ❖ Time management; Communication; Setting goals; Delegation; Working under pressure; Self-motivation; Strategic planning

OTHERS

- ❖ Member of Phd and Postdoc committee recruitment (CREDA)
- ❖ Member of the Spanish Association of Agriculture Economics (AEEA)
- ❖ Member of the European Association of Agriculture Economics (EAAE)
- ❖ Member of the Association of Agriculture Economics (AES)
- ❖ Member of the International Association of Agricultural Economics (IAAE)

REFERENCES

You may contact the following Professors for references:

- ❖ Prof. José María Gil
Position: Professor at the UPC and Director of CREDA center. e-mail: chema.gil@upc.edu
- ❖ Prof. Teresa Serra Devesa
Position: Hieronymous Distinguished Chair; Director of OFOR at University of Illinois. e-mail: tserra@illinois.edu