

A) ACADEMIC QUALIFICATIONS

- Agriculture Technical Engineer Degree in Farming Operations. University of Extremadura. February 2010
- Agricultural Engineer Degree. University of Extremadura. June 2010
- Master's Degree in Quality Management and Traceability in Agro-Food. University of Extremadura. September 2010
- Master's Degree in Quality Management and Agro-Food Marketing. University of Évora. September 2013

B) PROFESSIONAL EXPERIENCE

Geographic Information Systems and Control Technician. PROMEDIO

From 20/12/2016- to - the present (1 year and 8 months)

During that period system of remote control from PROMEDIO were carried out including the design and programming of remote units for drinking water treatment stations and wastewater treatment plants, pumping stations, vehicle control and SCADA systems.

Additional tasks included supervision of projects of new technologies from PROMEDIO and developed of prototypes for drinking water service.

Geographic Information Systems and Control Technician. University of Extremadura

From 10/9/2014 to 6/30/2016 (1 year and 9 months)

During the contract period, development, implementation and maintenance of several Geographic Information Systems related to movement of vehicles and management of the drinking water distribution network were carried out, including SCADA programming, geostatistical analyses, optimization and influence analyses.

Several applications were developed in the process, including remote units designs and implementations

Senior technician at the Agroforestry Institute of Lisbon (ISA)

From 3/1/2014 to 4/4/2014 (3 months)

Research work under the supervision of Doctor José Guilherme Martins Dias Calbão Borges Optimization models with linear programming and neural networks for different projects from European funds calls were developed

Project: "Development of a decision support system for the cooperative management of sheep farms under an extensive regime" as a Senior Engineer. Financing entity: IV Regional Plan of Investigation

From 1/1/2013 to 13/5/2014 (1 year and 4 months)

A decision support system for the cooperative management of livestock farms was developed, including data collection, surveys, design and implementation of economic models and software tools.

Geographic Information Systems and Control Technician. Government of Extremadura.

From 1/4/2010 to 12/31/2012 (2 years and 9 months)

Maintenance and research operations from Extremadura Positioning Network. This network consisted of eleven GRX 1200 GNSS antennas and three servers around the territory of Extremadura with control of RTCM protocols 2.3, 3.1, MAX and i-MAX.

Geographic Information System was design, this GIS displays the status of the data all the open access antennas of the Iberian Peninsula (seventeen casters and more than 200 antennas), the state of satellites for each antenna and alerts all in real time.

Several online tools and Android applications were developed by means of Linux operative system using mysql databases, and javascript python programming

Wireless network sensors and data acquisitions boards were designed and programmed for the patent "Device and control procedure for the traceability of refrigerated vehicles" number 201231551.

C) RESEARCH ACTIVITY

Patent 201231551 BOPI 03/10/201 by J. Morillo, A.F. Pulido and J. Hernández, of "Device and control procedure for the traceability of refrigerated vehicles" date: July 30, 2014

Chapter books with ISBN

- Horizons in Earth Science Research. NovaScience Publishers; EE. UU; 2010; I.S.B.N. 978. "Management of Spanish Rangelands (Dehesas): An Example of Sustainable Use" Autor's: F.J. Mesías, P. Gaspar, M. Escribano, A.F. Pulido
- La Agricultura y la Ganadería Extremeñas. Informe 2009; Facultad de Ciencias Económicas y Empresariales y Escuela de Ingenierías Agrarias–UEX; Badajoz; 2010. I.S.B.N. 978-84-889-5699-1 La Red de Estaciones de Referencia GNSS de Extremadura (REP); Autor's: J.Morillo, A.A. Moreno; A.F. Pulido.
- La Agricultura y la Ganadería Extremeñas. Informe 2009; Facultad de Ciencias Económicas y Empresariales y Escuela de Ingenierías Agrarias–UEX; Badajoz; 2010. I.S.B.N. 978-84-889-5699-1. Los vinos sin alcohol y su lenta penetración en los mercados; Autor's Pulido, F., Mesías, F.J., Pulido, A.F.
- Whats makes clusters competitive: cases from the global wine industry; Editorial: McGill-Queen's University Press; Canada; 2013. I.S.B.N. 978-0-7735-4259-4. Competitiveness of the Wine Industry in Extremadura; Autor's: Mesías, F.J., Pulido, F., Pulido, A.F

National Journals

- Comportamiento y preferencias de los consumidores extremeños de jamón curado. Autor's: F. J. Mesías, M. Escribano, P. Gaspar Y A. F. Pulido EUROCARNE 2010; ISSN: 1132-2675. España.

International Journals

- Mesías, F.J., Escribano, M., Gaspar, P., Pulido, A.F.; Escribano, A., Rodríguez-Ledesma, A., 2013. Evaluation of New Packaging Formats for Dry-Cured Meat Products 1 Using Conjoint Analysis: An Application to Dry-Cured Iberian Ham. Journal of Sensory Studies 28 (3): 238-247. Impact factor: 2,281: Food Science & Technology.

- Gaspar, P., Escribano, A.J., Mesías, F.J., Escribano, M., Pulido, A.F. 2011. Goat systems of less-favoured mountain areas in SW Spain: Perspectives and problems of traditional farming systems. *Small Ruminant Research* 97 (1-3): 1-11. Impact factor: 1,295: *Agriculture, dairy & animal science*. 16/54 Q2.

Congress communications:

- Autor's: F. J. Mesías; M. Escribano; A. F. Pulido; P. Gaspar; A. Escribano; Estudio de las preferencias de los consumidores por el jamón ibérico; Congreso: VII Jornadas Sobre Cerdo Ibérico y Sus Productos Salamanca 2010
- Autor's: F. J. Mesías; P. Gaspar; A. Escribano; M. Escribano; A. F. Pulido; Evaluación de la eficiencia en explotaciones caprinas en zonas de montaña de Extremadura; International Meeting on Regional Science. The future of the Cohesion Policy; Badajoz-Elvas: 2010
- Autor's: A.J. Escribano, A.F. Pulido, P. Gaspar, F.J. Mesías, M. Escribano. Evaluación de la sostenibilidad en sistemas caprinos de zonas desfavorecidas de Extremadura. XIV JORNADAS SOBRE PRODUCCIÓN ANIMAL. AIDA-ITEA Zaragoza; 2011
- Autor's F.J. Mesías, A.F. Pulido, Analysis of the factors that determine the competitiveness of the wine industry in Extremadura (Spain) Congreso: Enometrics Carácter (Nal./Internal.); Internacional. Coimbra-Viseu-Porto (Portugal) 2012
- Autor's A.F. Pulido, J. Morillo, J. Hernández GNSS RTK networks in auto-steering systems for agricultureindustry in Extremadura (Spain) International Conference of Agricultural Engineering Valencia, 2012
- Autor's A.F. Pulido, A.J. Escribano, P. Gaspar, F.J. Mesías, A. Rodríguez de Ledesma. The traditional extensive free range pig farm: a sustainable or an endangered production system International Farming Systems Association. Denmark, 2012
- Autor's Escribano, A.J., Mesías, F.J., Gaspar, P., Escribano, M., Sustainability of organic and conventional beef cattle farms in SW Spanish rangelands ('dehesas'): a comparative study. 10TH European IFSA Symposium. Producing and reproducing farming systems. New modes of organization for sustainable food systems of tomorrow. Aarhus (Denmark). 2012
- Autor's Gaspar, P., Escribano, M., Mesías, F.J., Pulido, A.F., Escribano, A.J. 2012. Economic and grazing resources analysis of extensive livestock farming systems (dehesas) in Spain. 63rd Annual Meeting of the European Federation of Animal Science. Bratislava (Slovakia). 2012
- Autor's Escribano, A.J.; Gaspar, P., Pulido, A.F., Mesías, F.J., Escribano, M., Rodríguez de Ledesma, A. The role of subsidies in beef cattle farms in SW Spain: a comparison of organic and extensive farms. 63rd Annual Meeting of the European Federation of Animal Science. Bratislava (Slovakia). 2012
- Autor's Escribano, A.J., Gaspar, P., Mesías, F.J., Escribano, M., Pulido, A.F. 2013. Sostenibilidad ambiental de explotaciones ganaderas ecológicas y convencionales en agro-ecosistemas mediterráneos de alto valor ecológico: un estudio comparado basado en indicadores agroambientales. VII Congreso de la Red Latinoamericana de Ciencias Ambientales. San Carlos (Costa Rica). 2013
- Autor's Pulido, A.F., Gaspar, P., Mesías, F.J., Escribano, A.J., Escribano, M., 2013. Characterization of production systems and marketing strategies of Iberian pig farms in SW Spain. 64th Annual Meeting of the European Federation of Animal Science. Nantes, (France): 2013

D) Foreign languages:

English: medium level

Portuguese: High level Institute Camões Certification.

E) Additional relevant training

- Course: Giswater water networks models GIS. Geo-Training. 2016, 10 hours
- Course: Giswater. Geo-Training. 2016, 3 hours
- Course: Java programming. 2016. Universidad de Extremadura. 90 hours.
- Course: Integral Cycle of water management. 2015. Universidad de Extremadura. 125 hours
- Course: Gama S500 SCADA PcWin2 de Sofrel. 2015. 21 hours
- Course: HTML5, CSS y Javascript de WebApps, FirefoxOS. Programming Universidad Politécnica de Madrid. 50h, 2015.
- Courses "Matlab programming". Badajoz. 2012. 100 hours
- Course: Arduino/panstamp/Raspberry model boards Alendralejo. 2014. 25 horas
- Course (international) "Wireless networks sensors for environmental activities" 15 hours. Cáceres. 2011.
- Course "ANSYS Workshop for learning computing" Badajoz 2012.
- Course: "Advance Matlab" Badajoz 2012/2013

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 del Regolamento UE 2016/679 relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali.



Alfonso Felipe Rubio Moreno