

PAOLA B. OVANDO-POL, Ph.D.

Group of Environmental Economics, Department of Economics And Politics
Institute for Public Goods and Policy (IPP), Spanish National Research Council (CSIC)

E-mail: paola.ovando@csic.es

Homepage: <https://sites.google.com/site/paolaovandopol/home>

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RESEARCH INTEREST

My principal research experience and interest focus on two research topics: (i) the development of integrated economic and environmental models to better understand land use and management decisions and their environmental and socioeconomic consequences; and (ii) the economic valuation of ecosystem services and natural capital, and their integration into ecosystem accounting and decision-making frameworks. The main objective of my research is to help the design of more effective spatially targeted environmental and rural development strategies.

EDUCATION

- 2011 Ph.D. in Economics, Thesis: “Beneficios privados y públicos de la forestación y regeneración natural inducida del alcornocal y el pino piñonero en España” [*Private and public benefits of Cork oak and Stone pine afforestation and facilitated natural regeneration in Spain*], supervised by Prof. Pablo Campos and Dr. Gregorio Montero, University of Alcalá, Spain (high honors)
- 2010 B.Sc., Environmental Sciences, Autonomous University of Madrid, Spain.
- 2003 M.Sc., Ecological Economics, Centre of University Studies, Bolivia.
- 1997 B.Sc., Agribusiness Engineering, University of San Francisco de Quito (high honors).
- 1995 Agricultural Science, Escuela Agrícola Panamericana (EAP), Honduras (honors).

PROFESSIONAL EXPERIENCE

- 2021- Spanish National Research Council, Senior Researcher
- 2018-2021 James Hutton Institute. Researcher in Natural Capital Accounting.
Macaulay Development Trust Fellowship in Natural Capital: Tasks: develop research on natural capital assessment and accounting involving land, agricultural and forestry sector and land-based business. Income generation, staff management, MSc and PhD Students supervision, Participation in advisory boards on NC related projects.
H2020 FirEUrisk and H2020 FRAMEwork. **Tasks:** Contribution to project conception, management and implementation.
- 2016-2018 Eawag (The Swiss Federal Institute for Aquatic Science and Technology). Post-doctoral Researcher at Economic and Social Sciences Department. Project:

Integrated Water-Forest Management Model in Switzerland (WATCH-FOR). **Tasks:** Project conception, management and implementation.

05. 2014–04. 2016: Grantham Research Institute on Climate Change and the Environment. London School of Economics and Political Science (LSE).

Marie Curie Postdoctoral Fellow. Project FORESTA— *Forest conservation and Ecosystem Accounting. Towards the integration of private and public values into land use decisions modeling at farm scale. An application to Andalusia montes*. **Tasks:** Project conception, management and implementation.

11. 2008–04.2014: Institute for Public Goods and Policy (IPP), Spanish National Research Council (CSIC). Ph.D. Student and Consultancy work for the Andalusian Government, Project: *Total income and capital of Andalusian Forestland (RECAMAN)*.

Tasks: Group leader 2 working task: (i) *Developing agroforestry system production and capital private and social accounts* for a sample of 60 agroforestry farms in Andalusia (supervision of 10 research assistants: field and lab. work); (ii) Classification, analysis, and development of functional accounts of governmental environmental expenditures on forest ecosystems at regional level (quality control 5 research assistants: field and lab. work). Responsible of developing forest management economic valuation models.

11. 2006–04.2008: Institute for Economics and Geography (IEG), CSIC. Research Assistant. Project: *Scanning Policy Scenarios for the Transition to Sustainable Economic Structures (TranSust.Scan)*. **Tasks:** Analysis of competing land demand for afforestation and bioenergy crops in Europe, and empirical implementation of a land use optimal control model.

09. 2001– 04.2008: IEG-CSIC. Research Assistant. Projects:

i) *Basis for the sustainable Pinus pinea forest management. Extended costs benefit analysis to forestry environmental services.*

ii) *Design of silvopastoral management models in Mediterranean forest; Applications to Cadiz (Spain) and Ain Drabam (Tunisia) cork oak woodlands.*

iii) *Tools for evaluating investment in the Mediterranean Mountain Areas – An integrated framework for sustainable development (MEDMONT).*

iv) *Prospective analysis of social and private profitability of Holm and Cork oak reforestations in the period 1994-2000 under the European Regulation 2080/90 (BBVA Foundation).*

Tasks: Development of Cork oak, Holm Oak and Stone pine forest management economic models for different forest sites in Spain and Tunisia (data collection, analysis and reporting)

09.1998-09.2000. NGO ENERGÉTICA, Energía para el desarrollo, Cochabamba-Bolivia. Consultancy work. Projects:

i) *Pilot project for energy conversion in the Gypsum and Lime Industry in Cochabamba (Bolivia)*; Funded by the Energy Sector Management Assistance Programme of the World Bank (ESMAP/BM).

ii) *Definition of coordinated sustainable alternatives for the Brick Industry in Champa-Rancho (Bolivia)*. Funded by ESMAP/BM.

Tasks: Survey design, data collection and socio-economic analysis of location and industrial conversion alternatives. Analysis of the reduction potential of greenhouse gases emission and socio-economic impacts of energy conversion alternatives.

- 08.1997-12.1998. Native Andean Forest Program (PROBONA UICN – INTER-COOPERATION) in Bolivia and Ecuador. Consultancy work. Project:
- i) *Land use economic valuation at two Native Andean Forest Areas in Bolivia. Molani/Palmar and Pajchanti study cases.*
 - ii) *Land use economic valuation and income offset proposal in seven Native Andean Forests.*
- Tasks:** Economic valuation of traditional and alternative land use options using participatory methods, interviews and analysis of local agricultural products and labour markets.

Recent competitive funding

- 2021-2025: EU H2020. FirEUrisk. Developing A Holistic, Risk-Wise Strategy for European Wildfire Management. Ovando (Hutton PI), Nijnik, Roberts, Gagkas. Total value € 10 271 044.00 Hutton value € 289 955.01
- 2020-2021: University of Newcastle. Uplandia: Systems modelling for evidence-informed peatland policy and peatlandia. Glendell, Troldborg, Ovando, Gagkas, Roberts (M), Artz. Total value £40,157; Hutton value £33,464
- 2020-2026: EU H2020. Farmer clusters for realising agrobiodiversity management across Europe. Begg (Hutton PC), Hawes, Kuhfuss, Sutherland, Ellis, Ovando. Total value £6,954,435; Hutton value £1,248,599
- 2014-2016: Marie Curie Intra-European Fellowship. Forest conservation and ecosystem accounting – Towards the integration of private and public values into land use decisions modelling at farm scale (FORESTA). Ovando. Total value £252,650;

PUBLICATIONS LIST

Peer-reviewed scientific journals¹

30. Valatin, G., **Ovando, P.**, Abildtrup, J. C. Accastello, M. B. Andreucci, A. Chikalanov, A. El Mokaddem, S. Garcia, M. Gonzalez-Sanchis, F. Gordillo; B. Kayacan, D. Little, M. Lyubenova, T. Nisbet, A. Paletto, C. Petucco, M. Termansen, K. Vasylyshyn, S.E. Vedel, R. Yousefpour (forthcoming) Approaches to cost-effectiveness of payments for tree planting and forest management for water quality services. *Ecosystem Services* (Accepted 14.10.2021).
29. Atkinson, G., **Ovando, P.** (forthcoming) Distributional issues in natural capital accounting: An application to landownership and ecosystem services in Scotland. *Environmental and Resources Economics* (Accepted 02.10.2021)
28. Abdul-Salam, Y., **Ovando, P.**, Roberts, D. 2022 Understanding the economic barriers to the adoption of agroforestry: A Real Options. *Journal of Environmental Management*, 113955. <https://doi.org/10.1016/j.jenvman.2021.113955>.
27. **Ovando, P.**, Speich, M., 2020. Optimal harvesting decision paths when timber and water have an economic value in uneven Forests. *Forests*, 11(9), 903; <https://doi.org/10.3390/f11090903>

¹ Corresponding author underlined.

26. Campos, P., Oviedo, J.L., Alvarez, A., **Ovando, P.**, Mesa, B., Caparrós, A., 2020. Measuring environmental incomes beyond standard national and ecosystem accounting frameworks: testing and comparing the agroforestry Accounting System in a holm oak dehesa case study in Andalusia-Spain. *Land Use Policy* 99, 104984. <https://www.sciencedirect.com/science/article/pii/S0264837719320782>
25. Campos, P., Alvarez, A., Oviedo, J.L., Mesa, B., Caparrós, A., **Ovando, P.**, 2020. Environmental incomes: Refined standard and extended accounts applied to cork oak open woodlands in Andalusia, Spain. *Ecological Indicators* 117, 106551 <https://doi.org/10.1016/j.ecolind.2020.106551>
24. Campos, P., Alvarez, A., Oviedo, J.L., **Ovando, P.**, Mesa, B., Caparrós, A., 2020. Refined Systems of National Accounts and Experimental Ecosystem Accounting Versus the Simplified Agroforestry Accounting System: Testing in Andalusian Holm Oak Open Woodlands. *Forest*, 11;393: doi:10.3390/f11040393
23. Campos, P., Alvarez, A., Oviedo, J.L., **Ovando, P.**, Mesa, B., Caparrós, A., 2020. Income and Ecosystem Service Comparison of refined National and Agroforestry Accounting Frameworks: Application to Holm Oak Open Woodlands in Andalusia, Spain. *Forest*, 11(185): doi:10.3390/f11020185
22. Engel, S., **Ovando, P.**, 2019. Guest editorial special issue on payments for forest watershed services. *Water Resources and Economics*, 28, 100153 <https://doi.org/10.1016/j.wre.2019.100153>
21. Creed, I.F., Jones, J.J., Garderen, E.A. Van, Ellison, D., McNulty, S.G., Vira, B., Wei, X., Bishop, K., Blanco, J.A., Gush, M., Gyawali, D., Lara, A., Little, C., Martin-Ortega, J., Mukherji, A., Muridiyarso, D., **Ovando, P.**, Sullivan, C.A., Xu, J., 2019. Managing forests for both downstream and downwind water. *Frontier in n Forests and Global Change*. 2, 1–8. <https://doi.org/10.3389/ffgc.2019.00064>
20. **Ovando, P.**, Brouwer, R., 2019 A review of economic approaches modeling the complex interactions between forest management and watershed services. *Forest Policy and Economics* 100, 164-176. <https://doi.org/10.1016/j.forpol.2018.12.007>
19. Campos, P., Caparrós, A., Oviedo, J.L., **Ovando, P.**, Álvarez-Farizo, B., Díaz-Balteiro, L., Carranza, J., Beguería, S., Díaz, M., Herruzo, A.C., Martínez-Peña, F., Soliño, M., Álvarez, A., Martínez-Jáuregui, M., Pasalodos-Tato, M., de Frutos, P., Aldea, J., Almazán, E., Concepción, E.D., Mesa, B., Romero, C. Solano-Notivoli, R., Fernández, C., Torres-Porras, J., Montero, G., 2019. Bridging the gap between national and ecosystem accounting. Application in Andalusian forests, Spain. *Ecological Economics*, 157: 218-236. <https://www.sciencedirect.com/science/article/pii/S0921800917316701>
18. **Ovando P.**, Beguería S., Campos, P., 2019. Carbon sequestration or water yield? The effect of payments for ecosystem services on forest management decisions in Mediterranean forests. *Water Resources and Economics*, 28, 10019. <https://doi.org/10.1016/j.wre.2018.04.002>
17. Campos, P., Caparrós, A., Cerdá, E., Díaz-Balteiro, L., Herruzo, C.A., Huntisinger, L., Martín-Barroso, D., Martínez-Jauregui, M., **Ovando, P.**, Oviedo, J.L., Pasalodos-Tato, M., Romero, C., Soliño, M., Standiford, R.E., 2017. Multifunctional natural forest silviculture economics revised: Challenges in meeting landowners' and society's wants. A review. *Forest Systems* 26 (2) eR01S. doi:http://dx.doi.org/10.5424/fs/2017262-10505.
16. **Ovando, P.**, Caparrós, A., Diaz-Balteiro, L., Pasalodos, M., Beguería, S., Oviedo, J.L., Montero, G., Campos, P. 2017. Spatial Valuation of Forests' Environmental Assets: An Application to Andalusian Silvopastoral Farms. *Land Economics* 93 (1): 87-108 (Open access).

15. **Ovando, P.**, Campos, P., Oviedo, J.L., Caparrós, A., 2016. Ecosystem accounting for measuring total income in private and public agroforestry farms. *Forest Policy and Economics* 71, 43-51.
14. **Campos, P., Ovando, P.**, Mesa, B., Oviedo, J.L., 2016. Environmental income of livestock grazing on privately-owned silvopastoral farms in Andalusia, Spain, *Land Degradation and Development*. doi: 10.1002/ldr.2529.
13. **Ovando, P.**; Oviedo, J.L.; Campos, P. 2016. Measuring total social income of a Stone pine afforestation project in Huelva (Spain). *Land Use Policy* 50, 479-489.
12. Caparrós, A., Ovando, P., Oviedo, J.L. Campos, P., 2011. Accounting for carbon in avoided degradation and reforestation programmes in Mediterranean forests. *Environment and Development Economics* 16(4), 405-428.
11. **Ovando, P.**, Campos, P., Oviedo, J.L., Montero, G., 2010a. Private net benefits from afforesting marginal crop and shrublands with cork oaks in Spain. *Forest Science* 56(6), 567-577.
10. **Ovando, P.**, Campos, P., Calama, R., Montero, G., 2010b. Landowner net benefit from Stone pine (*Pinus pinea* L.) afforestation of dry-land cereal fields in Valladolid, Spain. *Journal of Forest Economics* 16: 83-100
9. **Caparrós, A.**, Cerdá, E. **Ovando, P.**, Campos, P., 2010. Carbon Sequestration with Reforestations and Biodiversity-scenic Values. *Environmental and Resources Economics* 45: 49-72.
8. **Ovando, P.**, **Caparrós, A.**, 2009. *Land Use and Carbon Mitigation in Europe: A Survey of the Potentials of Different Alternatives*. *Energy Policy* 37, 992-1003.
7. **Campos, P.**, Daly-Hassen, H., Oviedo, J. L., **Ovando, P.**, Chebil, A., 2008a. Accounting for single and aggregated forest incomes: Application to public cork oak forests in Jerez (Spain) and Iteimia (Tunisia). *Ecological Economics* 65, 76-86.
6. **Campos, P.**, **Ovando, P.**, Montero, G., 2008b. Does private income support sustainable agroforestry in Spanish dehesa? *Land Use Policy* 25 (4), 510-522.
5. **Cerdá, E.**, Caparrós, A., **Ovando, P.**, 2008. Bioenergía en la Unión Europea. *Ekonomia* 67, 157-181.
4. **Campos, P.**, Caparrós, A., Oviedo, J. L., **Ovando, P.**, 2008c. La renta ambiental de los bosques. *Arbor: Ciencia, Pensamiento y Cultura* 729, 57-69.
3. **Campos, P.**, Daly-Hassen, H., **Ovando, P.** 2007. Cork oak forest management in Spain and Tunisia: two case studies of conflicts between sustainability and private income. *The International Forestry Review* 9 (2), 610-626.
2. **Ovando, P.**, Campos, P., Montero, G. 2007. Forestaciones con encina y alcornoque en el área de la dehesa (1993-2000). *Revista de Estudios Agrosociales y Pesqueros* 214, 173-185.
1. **Campos, P.**, Oviedo, J.L., **Ovando, P.**, 2005. La cadena de la economía del corcho en los Montes Propios de Jerez de la Frontera. *Revista de Estudios Agrosociales y Pesqueros*, 208, 83-114.

Book chapters, proceedings and other publications

28. Stewart, G., Glendell M., McMoran R., Troldborg M., Gagkas Z, **Ovando P**, Roberts M, Maynard, C., Williams A, Clay G, Reeds, M. (2021) *Uplandia: making better policy in complex upland systems. Final Report*, Defra and Natural England, pp. 68.
27. Nisbet, T.; Andreucci, M.B.; De Vreese, R.; Houghom, L.; Kay, S.; Kelly-Quinn, M.; Lyubenova, M.I.; **Ovando, P.**; Quinteiro, P.; Perez Silos, I.; Valatin, G. (2021) *Forest for water services: a step-by-step guide for payment schemes.*, User Manual 2021, Payments for Ecosystems Services, Forest Research, Surrey, 24pp.

26. Ovando, P. (2021) [Natural capital accounting approaches for land-based activities.](#), Report on the James Hutton Institute, MDT Fellowship Webpage, February 2021, 76pp.
25. Neilson, R.; Lilly, A.; Aitkenhead, M.; Artz, R.R.E.; Baggaley, N.; Giles, M.E.; Holland, J.; Loades, K.; **Ovando, P.**; Rivington, M.; Roberts, M.; Yeluripati, J. (2020) [Measuring the vulnerability of Scottish soils to a changing climate.](#), ClimateXChange Report, 42pp.
24. Ovando, P., 2020. Application of the Natural Capital Protocol at Glenshagh Farm. James Hutton Institute Report. Available online: <https://www.hutton.ac.uk/research/projects/integrating-natural-capital-thinking-land-based-decision-making>
23. Ovando, P., 2020. Natural Capital Accounting Approaches. In response to new environmental policy challenges. SCOPE (The Newsletter of the Association of Deer Management Groups), Issue 15, Winter 2019/2020, pp 5-6. Available on: <http://www.deer-management.co.uk/general-info/publications/>
22. B. Vira, D. Ellison, S. G. McNulty; E. Archer, K. Bishop, M. Claassen, I. F. Creed, M. Gush, D. Gyawali, J. Martin-Ortega, A. Mukherji, D. Murdiyarsa, **P. Ovando**, C. A. Sullivan, M. van Noordwijk, X. Wei, J. Xu, 2018. Management Options for Dealing with Changing Forest-Water Relations. In: I. F. Creed, M. van Noordwijk (eds.), *Forest and Water on a Changing Planet: Vulnerability, Adaptation and Governance Opportunities. A Global Assessment Report.* IUFRO World Series Volume 38. Vienna, pp. 121-146.
21. Classen, M., B. Vira, J. Xu, D. Gyawali, J. Martin-Ortega, **P. Ovando**, I. F. Creed, D. Ellison, S. G. McNulty, E. Archer, C. A. Sullivan, 2018. Current and Future Perspectives on Forest-Water Goods and Services. In: I. F. Creed, M. van Noordwijk (eds.), *Forest and Water on a Changing Planet: Vulnerability, Adaptation and Governance Opportunities. A Global Assessment Report.* IUFRO World Series Volume 38. Vienna, pp. 102-120.
20. **Ovando, P.** 2017. Servicios ambientales en los tiempos de la bioeconomía forestal. Retos y Oportunidades en el monte mediterráneo [*Environmental services in time of Bio-economy. Challenges and opportunities for the Forestry sector*]. *Cuadernos Sociedad Española de Ciencias Forestales*, 43. 1-18.
19. **Campos, P.**, Caparrós, A., Oviedo, J.L., **Ovando, P.**, Álvarez-Farizo, B., Díaz-Balteiro, L., Carranza, J., Beguería, S., Díaz, M., Herruzo, A.C., Martínez-Peña, F., Soliño, M., Álvarez, A., Martínez-Jáuregui, M., Pasalodos-Tato, M., de Frutos, P., Aldea, J., Almazán, E., Concepción, E.D., Mesa, B., Romero, C. Solano-Notivoli, R., Fernández, C., Torres-Porras, J., Montero, G., 2017. *Bridging the gap between national and ecosystem accounting.* Instituto de Políticas y Bienes Públicos (IPP) CSIC, Working Paper. 2017-04. Available at: digital.csic.es.
18. **Valatin G.**, et al. 2017. PESFOR-W: Improving the design and environmental effectiveness of woodlands for water Payments for Ecosystem Services. *Research Ideas and Outcomes* 3: e13828 (30 May 2017). <https://doi.org/10.3897/rio.3.e13828>
17. Campos P., **Ovando P.** (editors), 2015. *Renta total y capital de las fincas agroforestales de Andalucía.* Memorias científicas de RECAMAN. Volumen 4. Editorial CSIC, Madrid. e-ISBN (Vol. 4): 978-84-00-10044-5. Available online: <http://libros.csic.es/>
16. **Ovando P.**, Campos P., 2016. Renta y capital del gasto público en los sistemas forestales de Andalucía. En: Valoración de los servicios públicos y la renta total social de los sistemas forestales de Andalucía (Campos P., Caparrós A., eds.). *Memorias científicas de RECAMAN.* Volumen 5. Memoria 5.3. Editorial CSIC, Madrid, pp. 284-426. Available online: <http://libros.csic.es/>
15. **Ovando, P.**, Campos, P., Oviedo, J.L., Caparrós, A., 2015. Private and Public Incomes in Dehesas and Coniferous Forests in Andalusia, Spain. In: Standiford, Richard B.; Purcell, Kathryn L., tech. cords. 2015. *Proceedings of the Seventh California Oak Symposium: Managing Oak*

- Woodlands In A Dynamic World*. Gen. Tech. Rep. PSW-GTR-251. Berkeley, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station, pp. 241-250.
14. **Ovando P.**, Campos P., Mesa B., Álvarez A., Fernández C., Oviedo J.L., Caparrós A., Álvarez-Farizo B., 2015. Renta y capital de estudios de caso de fincas agroforestales de Andalucía. En: *Renta total y capital de las fincas agroforestales de Andalucía* (Campos P., Ovando P., eds.). Memorias científicas de RECAMAN. Volumen 4. Memoria 4.2. Editorial CSIC, Madrid, pp. 156-445. Available online: <http://libros.csic.es/>
 13. Díaz-Balteiro L., Caparrós A., Campos P., Almazán E., **Ovando P.**, Álvarez A., Voces R., Romero C. 2015. Economía privada de productos leñosos, frutos industriales, bellota, pastos y el servicio del carbono en los sistemas forestales de Andalucía. In: Campos P., Díaz-Balteiro L. (eds.), Memorias científicas de RECAMAN. Volumen 1. Memoria 1.3. Editorial CSIC, Madrid, pp 397-722. Available online: <http://libros.csic.es/>
 12. Standiford, R. **Ovando, P.**, Campos, P., Montero, G., 2013. Models of Oak Woodland Silvopastoral Management. In: Campos P, Huntsinger L, Oviedo JL, Starrs PF, Díaz M, Standiford R, Montero G. (Eds), *Mediterranean Oak Woodland Working Landscapes. Dehesas of Spain and Ranchlands of California*. Springer-Verlag, pp. 245-272.
 11. Oviedo JL, **Ovando P.**, Forero L, Huntsinger L, Alvarez A, Mesa B, Campos P. 2013. The private economy of dehesas and ranches: case studies. In: Campos P, Huntsinger L, Oviedo JL, Starrs PF, Díaz M, Standiford R, Montero G. (Eds), *Mediterranean Oak Woodland Working Landscapes. Dehesas of Spain and Ranchlands of California*. Springer-Verlag, pp. 389 - 424.
 10. **Ovando, P.**, Campos, P., Oviedo, J.L., Montero, G., 2009b. Cost–Benefit Analysis of Cork Oak Woodland Afforestation and Facilitated Natural Regeneration in Spain. En: Aronson, J., Pereira, J.M.D.S, Pausas, J. (Editors). *Cork Oak Woodlands on the Edge. Ecology, Adaptive Management, and restoration*. Island Press, pp.177-188.
 9. **Ovando, P.**, Campos, P., Oviedo, J.L., López, E., Montero, G., 2009c. Economía privada de la forestación con alcornoques y la regeneración natural del alcornocal en el macizo de las Gavarres (Gerona). En: Zapata-Blanco, S. (Editor), *Alcornocales e Industria Corchera: Hoy, Ayer y Mañana (Cork Oak Woodlands and Cork Industry: Present, Past and Future)*. Museu del Suro de Palafrugell, Palafrugell, Spain, pp. 438-460.
 8. Campos, P., **Ovando, P.**, Chebil, A., Daly-Hassen, H., 2009b. Cork oak woodland conservation and household subsistence economy challenges in northern Tunisia. En: Aronson, J., Pereira, J.M.D.S, Pausas, J. (Editors). *Cork Oak Woodlands on the Edge. Ecology, Adaptive Management, and restoration*. Island Press, pp.165-176.
 7. Daly, H. Campos, P., **Ovando, P.**, 2009. Cost benefit analysis of cork oak forest plantation in the region of Ain Drahem (Tunisia). In: Zapata-Blanco, S. (Editor), *Alcornocales e Industria Corchera: Hoy, Ayer y Mañana (Cork Oak Woodlands and Cork Industry: Present, Past and Future)*. Museu del Suro de Palafrugell, Palafrugell, Spain, pp. 488-512.
 6. Chebil, A., Campos, P., **Ovando, P.**, Daly, H., 2009. The total commercial income from cork oak forest multiple-use in the region of Iteimia, Tunisia. En: Zapata-Blanco, S. (Editor), *Alcornocales e Industria Corchera: Hoy, Ayer y Mañana (Cork Oak Woodlands and Cork Industry: Present, Past and Future)*. Museu del Suro de Palafrugell, Palafrugell, Spain, pp. 514-534.
 5. Campos, P., **Ovando, P.**, Oviedo, J.L., López, E., Montero, G., 2009b. Economía privada de la forestación con alcornoques y la regeneración natural del alcornocal en el Parque Natural Los Alcornocales (Cádiz – Málaga). En: Zapata-Blanco, S. (Editor), *Alcornocales e Industria Corchera: Hoy, Ayer y Mañana (Cork Oak Woodlands and Cork Industry: Present, Past and Future)*. Museu del Suro de Palafrugell, Palafrugell, Spain. En prensa.
 4. Campos, P., Daly-Hassen, H., **Ovando, P.**, Oviedo, J. L., Chebil, A., 2008b. Economics of cork oak forest multiple use: application to Jerez and Iteimia agroforestry systems study cases. En: A. Rigueiro-Rodríguez, J. McAdam y M.R. Mosquera-Losada (Editores),

Agroforestry in Europe. Series in Advances in Agroforestry, Vol 6, Capítulo 13. Springer, Dordrecht.

3. Rodríguez, Y., **Ovando, P.**, Campos, P., 2005. Comparative Analysis of the EAA/EAF and AAS Agro-Forestry Accounting Systems: Application to a Dehesa Estate. En: R. Mosquera-Losada, A. Riquero-Rodríguez y J. McAdam (Editores), *Silvopastoralism and Sustainable Land Management*. CABI Publishing, pp. 330-334.
2. Campos, P., **Ovando, P.**, Rodríguez, Y., 2005. Comparative Analysis of the EAA/EAF and AAS Agro-Forestry Accounting Systems: Theoretical Aspects. En: R. Mosquera-Losada, A. Riquero-Rodríguez y J. McAdam (Editores), *Silvopastoralism and Sustainable Land Management*. CABI Publishing, pp. 326-329.
1. Rodríguez, Y., Campos, P., **Ovando, P.**, 2004. Commercial economy in a public Dehesa in Monfragüe Shire. S. Schnabel and A. Ferreira (Editors), 2004. *Sustainability of Agrosilvopastoral Systems -Dehesas, Montados-*. Advances in GeoEcology 37. Catena Verlag, Reiskirchen, pp. 85-96.

Ongoing working papers

1. Baggio-Compagnucci, A., **Ovando, P.**, Hewitt, R., Canullo, R., Gimona, A., (in progress). To achieve climate goals, not all forests are equal: a landscape-level national assessment of the potential carbon gains and losses due to afforestation. **Submitted**
2. **Ovando, P.**, Rodríguez-Lucatero, C., Olivera, M., Atkinson, A., (in progress). Forest management and natural capital with an application to Mediterranean silvopastoral systems.
3. **Ovando, P.**, Baggio-Compagnucci, A., Caztellazi, M., Hewitt, R., Gimona, A., (in preparation). Assessing the benefits and trade-offs of upland woodland expansion in Scotland: A Spatial perspective. Accepted as poster for the *Trees for the Future - Diversity and complexity for resilience and carbon storage Conference*. Nov 2021.
4. Vergunts, J., Koronka, J. **Ovando, P.** (in progress) Carbon with added value: Exploring the values beyond carbon units in the Woodland Carbon Code plantations in Scotland.

Blogs and briefings

4. Hussein, J., Blackstock, K., Metzger, M., Ovando, P. (2020) Using Natural Capital Approaches to support sustainable land management in Scotland: Insights from five pilot studies. SEFARI Case Study. Available online: <https://sefari.scot/research/using-natural-capital-approaches-to-support-sustainable-land-management-in-scotland> (published 01.11.2020)
3. Ovando, P., Blackstock, K. (2020) Assessing natural capital impacts and dependencies within upland farming systems. SEFARI Case Study. Available online: <https://sefari.scot/research/assessing-natural-capital-impacts-and-dependencies-within-upland-farming-systems> (published 16.11.2020)
2. Ovando, P., Blackstock, K. (2020) Testing the natural Capital Protocol in Glensaugh Farm. Guest Blog Scottish Forum on Natural Capital. Available online: <https://naturalcapitalscotland.com/article/testing-the-natural-capital-protocol-on-glensaugh-farm/> (published 23.10.2020)
1. Ovando, P (2019) Integrating distributional concerns into natural capital accounts. Social, Economic and Geographical Sciences Department blog. Available online: <https://www.hutton.ac.uk/blogs/integrating-distributional-concerns-natural-capital-accounts> (published 26.09.2019)

PARTICIPATION IN CONFERENCES, WORKSHOPS AND OTHER EVENTS

48. **Ovando, P.**, Speich, M., 2021. Optimal harvesting decision paths when timber and water have an economic value in uneven Forests. Full draft paper presented *at the IX AERNA Conference*, September 2020. Oral presentation.
47. Abdul-Salam, Y., **Ovando, P.**, Roberts, D. (2021) Incentivising agroforestry: A Real Options. 94th Agricultural Economics Society (AES) Annual Conference, 30 March 2021 Contribution: Co-author of the paper submitted.
46. **Ovando, P.** Glensaugh's Natural Capital Protocol Application. ESCom seminar "Using Natural Capital Approaches to support sustainable land management in Scotland: insights from recent pilots" December 2020 Contribution: Oral presentation.
45. Koronka, J. **Ovando, P.**, Vergunst, J. (2020) Exploring Value beyond Carbon in Woodland Carbon Code founded woodland expansion in Scotland. *Hutton Symposium*, 25-27 November 2020. Co-author of the paper submitted.
44. **Ovando, P.**, Speich, M., 2020. Optimal harvesting decision paths when timber and water have an economic value in uneven Forests. Full draft paper presented *at the online EAERE Conference 2020*, July 2020.
43. Atkinson, G., **Ovando, P.**, 2020. Distributional issues in natural capital accounting: An application to landownership and ecosystem services in Scotland. Full draft paper presented *at the online EAERE Conference 2020*, July 2020.
42. **Ovando, P.**, Baggio-Compagnucci, A., Gimona, A., 2019. Is woodland expansion an economically efficient alternative for offsetting livestock farming GHG emissions? Poster presented at the James Hutton Institute Symposium 2019, Dundee UK, November 7, 2019.
41. **Ovando P.**, Atkinson, G., Rodríguez-Lucatero, C., Olivera, M., 2019. Forest management and natural capital with an application to Mediterranean silvopastoral systems. Oral presentation, at the EAERE 2019, Manchester-UK, June 26-29, 2019.
40. **Ovando, P.** 2019. Exploring the application of Natural Capital Protocol in land-based business and regional Ecosystem Accounts. Oral presentation. Valuing our life Support Systems Summit 2019. London-UK, May 21-22, 2019.
39. **Ovando P.**, Atkinson, G., Rodríguez-Lucatero, C., Olivera, M., 2019. Forest management and natural capital with an application to Mediterranean silvopastoral systems. Oral presentation, at the EnvEcon 2019, London-UK, March 15, 2019.
38. **Ovando, P.**, 2018. Integrating Natural Capital approach into land management decision-making and policies. Oral presentation at the James Hutton Institute Symposium 2018, Aberdeen, UK, November 29, 2019.
37. **Ovando, P.**, Speich, M. Optimal harvesting decision paths when timber and water have an economic value. Oral presentation, EU ESP 2018 Conference, 14-19 October 2018.
36. **Ovando P.**, Beguería S., Campos, P., 2018. Carbon sequestration or water yield? The effect of payments for ecosystem services on forest management decisions in Mediterranean forests. Oral presentation, AERNA Conference 2018, Madrid-Spain, 3-5 September 2018.
35. **Ovando, P.**, Speich, M. Forest management decisions when timber, carbon sequestration and water yields have an economic value. An application to Alpine forest. IUFRO 125th Anniversary Congress, Freiburg-Germany, September 18-22, 2017. Oral presentation.
34. **Ovando, P.** Brouwer, R. A critical review and meta-analysis of economic approaches to the complex interactions between forest management and watershed services 4th Water Research Conference: The Role of Water Technology Innovation in the Blue Economy, Waterloo-Canada, September 11-13, 2017. Oral presentation.

33. **Ovando, P.**, Beguería, S., Campos, Carbon sequestration and water yield in Mediterranean forest. A tale of two rival ecosystem services under land management and abandonment scenarios. EAERE Conference, Athens-Greece, June 28-July 2, 2017. Oral presentation.
32. **Ovando, P.**, Beguería, S., Campos, P. Trade-offs between carbon sequestration regulating and water provisioning ecosystem services in Mediterranean forest EcoSummit 2016, Le Corum, Montpellier, France, August 29-September 1, 2016. Oral presentation.
31. **Ovando, P.**, Campos, P., Oviedo, J.L., Caparrós, A., 2016. Ecosystem accounting for measuring total income in private and public agroforestry farms. EAERE Conference, Zurich, Switzerland, June 22-25, 2016. Oral presentation.
30. **Ovando, P.**, Caparrós, A, Díaz-Balteiro. L., Pasalodos, M., Oviedo, J.L., Beguería, S., Montero, G. Campos, P., 2015. Spatial Valuation of Forests' Environmental Assets: An Application to Andalusian Silvopastoral Farms. EAERE Conference, Zurich-Switzerland, June 22-25, 2016. Oral presentation.
29. **Ovando, P.**, Beguería. Carbon sequestration and water flow regulation services in mature Mediterranean Forest. Poster presented at the AGU Fall Meeting, San Francisco – USA, December 14 -18, 2015 Contribution: Co-author of the poster.
28. **Ovando, P.**, Caparrós, A, Díaz-Balteiro. L., Pasalodos, M., Oviedo, J.L., Beguería, S., Montero, G. Campos, P., 2015. Towards the spatial valuation of forests environmental assets: An application to Andalusia silvopastoral farms). XIV World Forestry Congress, Durban-South Africa, September 7 -11, 2015. Panelist Dialogue 4. Innovation in energy, financial markets and investments in forest and land.
27. **Ovando, P.**, Campos, P., Oviedo J.L., Caparrós, A. 2015. Private and public incomes in dehesa and forest farms in Andalusia, Spain. XIV World Forestry Congress, Durban-South Africa, September 7 -11, 2015. Oral presentation.
26. Campos, P., Mesa, B., Alvarez, A., Carranza, J., Herruzo, C, Martínez-Jaúregui, M., **Ovando, P.**, Oviedo, J.L. 2015. Revising linked hunting and private amenity incomes: application to Mediterranean woodlands farms in Andalusia, Spain. XIV World Forestry Congress, Durban-South Africa, September 7 -11, 2015. Oral presentation.
25. **Ovando, P.**, Caparrós, A, Díaz-Balteiro. L., Pasalodos, M., Oviedo, J.L., Beguería, S., Montero, G. Campos, P., 2015. Spatial Valuation of Forests Environmental Assets: An Application to Andalusia Silvopastoral Farms. Fifth Congress of the East Asian Association of Environmental and Resource Economics (EAAERE 2015). Taipei-Taiwan, August 5-7, 2015. Contribution: Presentation of the paper. Oral presentation.
24. **Ovando, P.**, Campos, P., Oviedo, J.L., Caparrós, A., 2014. Private and public incomes in multiple use dehesas and forests. 7th. California Oak Symposium, Visalia-USA, November 3 -6, 2014. Contribution: Presentation of the paper. Oral presentation.
23. **Ovando, P.**; Campos, P.; Oviedo, J.L.; Caparrós, A. 2015. Private and public incomes in dehesas and coniferous forests in Andalusia, Spain. Oral presentation.
22. **Ovando, P.**, Campos, P., Oviedo, J.L., Caparrós, A., 2014. Private and public incomes in multiple use dehesas and forests. VI AERNA Congress Spanish-Portuguese Association of Resource and Environmental Economics, Girona (Spain), September 4-6, 2014. Oral presentation.
21. **Ovando, P.**, Oviedo, J.L., Campos, P., Caparrós, A., 2012. Forest incomes at different tree ages from green accounting perspective. A case study of Stone pine afforestation in Huelva (Spain) IV AERNA Conference, Spanish-Portuguese Association of Natural Resource and Environmental Economics, Faro, May 31-June 2. Oral presentation.
20. **Ovando, P.**, 2011. Environmental values integration in land use change and forestry management decision. Europe 2020 International Workshop. Contributions to Smart, Green

and Inclusive Growth. Institute for Public Goods and Policies, Madrid, December 12-13. Oral presentation.

19. **Ovando, P.**, Oviedo, J.L., Campos, P., Montero, G., 2010. Private net benefits from afforesting marginal crop and shrub lands with cork oaks in Spain. IV AERNA Conference, Spanish-Portuguese Association of Natural Resource and Environmental Economics. Las Palmas de Gran Canarias, June 2-5. Oral presentation.
18. **Ovando, P.**, Campos, P., Montero, G., Ruiz-Peinado, R., 2009. Landowners' benefits from replacing Eucalyptus stands with Stone pine plantations in Huelva, Spain. XIII Congreso Forestal Mundial. Buenos Aires, October, 18-25. Oral presentation.
17. **Ovando, P.**, Campos, P., Calama, R., Montero, G., 2008. Private incomes from Stone pine (*Pinus pinea* L.) afforestation of marginal dry-land cereal crop fields in Valladolid, Spain. IV AERNA Conference, Spanish-Portuguese Association of Natural Resource and Environmental Economics, Palma de Mallorca, June 4-6. Oral presentation.
16. **Ovando, P.**, Campos, P., Calama, R., Montero, G., 2008. Private income gains from Stone pine (*Pinus pinea* L.) afforestation of marginal dry-land cereal crop fields in Valladolid, Spain. IUFRO Unit 4.05.00 - Managerial Economics and Accounting -University of Ljubljana, Biotechnical Faculty, Department of Forestry and Renewable Natural Resources, Slovenia. International Symposium on Emerging needs of society from forest ecosystems: towards the opportunities and dilemmas in forest managerial economics and accounting. Ljubljana, Slovenia, May, 22-24. Oral presentation.
15. Caparrós, A., Cerdá, E., **Ovando, P.**, Campos, P., 2007. Carbon sequestrations with reforestations and biodiversity-scenic values. Workshop on Carbon Sequestration in Agriculture and Forestry. Thessalonica, June 27. Oral presentation.
14. **Ovando, P.**, Campos, P., Montero, G., 2007. Cork oak planting private benefits in Spain: The cases of Gavarras and Aljibe cork oak sites. 7th International Conference of European Society for Ecological Economics on "Integrating Natural and Social Science for Sustainability". Leipzig, June 5-8. Oral presentation.
13. Campos, P., 2006; Daly-Hassen, H., **Ovando, P.**, 2006. Cost-benefit analysis of cork oak forest natural regeneration in Spain and Tunisia. IUFRO 4.05 International Symposium on Managerial Economics and Accounting in an Evolving Paradigm of Forest Management. Rottenburg, May 17 - 20. Oral presentation.
12. Campos, P., 2006; Chebil, A.; Oviedo, J.L.; **Ovando, P.**; Daly-Hassen, H., 2006. Measuring total commercial incomes from agroforestry systems: application to Jerez and Itimí public cork oak farms. IUFRO 4.05 International Symposium on Managerial Economics and Accounting in an Evolving Paradigm of Forest Management. Rottenburg, May 17 - 20. Contribution: o-author of the paper.
11. **Ovando, P.**, Campos, P., Montero, G., 2006. Análisis económico de la forestación con alcornoques en España. II AERNA Conference, Spanish -Portuguese Association of Natural Resource and Environmental Economics, Lisboa (Portugal), June, 2-3. Oral presentation.
10. Caparrós, A., Cerdá, E., Campos, P., **Ovando, P.**, 2005. Carbon sequestrations with reforestations and biodiversity-scenic values. 14th EAERE Annual Conference. European Association of Environmental and Resources Economists. Bremen, June 23-26. Contribution: Co-author of the paper.
9. Daly-Hassen, A., Campos, P., **Ovando, P.**, 2005. Cost benefit analysis of cork oak forest plantation in the region of Ain Drahem (Tunisia). Congreso internacional sobre alcornoques, fábricas y comerciantes. Pasado, presente y futuro del negocio corchero. Palafrugell, February 16-18. Contribution: Co-author of the paper.

8. Chebil, A., Campos, P., **Ovando, P.**, Daly, H., 2006. The total commercial income from cork oak agroforestry system in the region of Iteimia (Tunisia). Congreso internacional sobre alcornoques, fábricas y comerciantes. Pasado, presente y futuro del negocio corchero. Palafrugell, February 16-18. Contribution: Co-author of the paper.
7. Campos, P., **Ovando, P.**, Oviedo, J.L., Caparrós, A., López, E., Montero, G. (2005). Economía privada de la forestación con alcornoques y la regeneración natural del alcornocal en el Parque Natural de los Alcornoques.: Congreso internacional sobre alcornoques, fábricas y comerciantes. Pasado, presente y futuro del negocio corchero. Palafrugell, February 16-18. Contribution: Co-author of the paper.
6. **Ovando, P.**, Campos, P., Oviedo, J.L., Caparrós, A., López, E., Montero, G., 2005. Economía privada de la forestación con alcornoques y la regeneración natural del alcornocal en el Macizo de las Gavarres.: Congreso internacional sobre alcornoques, fábricas y comerciantes. Pasado, presente y futuro del negocio corchero. Palafrugell, February 16-18. Oral presentation.
5. Campos, P., Oviedo, J.L., **Ovando, P.**, Caparrós, A., Montero, G., 2005. La cadena de la economía del corcho en los Montes Propios de Jerez de la Frontera. Congreso internacional sobre alcornoques, fábricas y comerciantes. Pasado, presente y futuro del negocio corchero. Palafrugell, February 16-18. Contribution: Co-author of the paper.2.
4. Campos, P., **Ovando, P.**, Caparrós, A., López, E. Montero, G., 2005. Economía privada de un alcornocal mixto Gavarres (Girona): Estudio piloto de Can Vilallonga. Congreso internacional sobre alcornoques, fábricas y comerciantes. Pasado, presente y futuro del negocio corchero. Palafrugell, February 16-18. Contribution: Co-author of the paper.
3. Rodríguez, Y., Campos, P., **Ovando, P.**, 2004. Comparative Analysis of the EAA/EAF and AAS Agro-Forestry Accounting Systems: Application to a Dehesa Estate. International Congress on Pastoralism and Sustainable Management. Contribution: Co-author of the paper.
2. Campos, P., **Ovando, P.** Rodríguez, Y., 2004. Comparative Analysis of the EAA/EAF and AAS Agro-Forestry Accounting Systems: Theoretical Aspects. International Congress on Pastoralism and Sustainable Management. Contribution: Co-author of the paper.
1. Rodríguez, Y., Campos, P., **Ovando, P.**, 2003. Economía comercial de una dehesa pública en la comarca de Monfragüe. International Symposium on Sustainability of Dehesas, Montados and other Agrosilvopastoral Systems. Contribution: Co-author of the paper.

SEMINARS, LECTURES AND INVITED TALKS

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| 2020 | Lecture on Introduction to Environmental Economics to MSc Land Economics, University of Aberdeen. October 2020. |
| 2020 | Online PESFOR-W training school in Analysis of the cost effectiveness of Woodlands for Water PES – 6 – 8 October 2020, Freiburg, Germany. |
| 2019 | Lecture on Natural Capital Accounting delegation from the Guizhou Provincial Bureau of Statistics, China, November 2019 |
| 2019 | Lecture on Introduction to Environmental Economics to MSc Land Economics, University of Aberdeen. October 2019. |
| 2019 | Invited Macaulay Development Trustees Meeting July 2019 on Connecting Natural Capital thinking to land-based business decision-making |

- 2019 Host session on Integrated Natural Capital Approaches for land managers. Natural Capital Initiative Summit 2019. Valuing our Life Systems. London, May 21st, 2019. Organized in collaboration with AECOM and the Natural Capital Coalition.
- 2019 Lecture on Ecosystem Services and Natural Capital Accounting to MSc Ecology and Conservation students at the School of Biological Sciences, University of Aberdeen, February 2019.
- 2018 Trainer in Water economics, schemes and decision-making tools and Cost-effectiveness of woodland measures; Training School Environmental Effectiveness of Woodland Measures for Reducing Agricultural Diffuse Pollution to Water – Evidence, SWAT Modelling and Decision Support Tools 23-26 October 2018, Vairão, Porto, Portugal
- 2017 Moderator, Panel on Rainfall Recycling’ as a Landscape Function: Connecting SDGs 6, 13 and 15: Implication for climate, land, water and related policies and actions Global Landscapes Forum (GLF) Bonn, Germany, December 19, 2017.
- 2017 Keynote speaker, Spanish Forestry Conference: Servicios ambientales en los tiempos de la bioeconomía forestal. Retos y Oportunidades en el monte Mediterráneo. Palencia-Spain, June 26-30, 2017
- 2016 Forest management and watershed services: An overview of future research challenges. Environmental Economic Cluster Seminar. Swiss Federal Institute for Aquatic Science and Technology (Eawag), Dübendorf, September 13, 2016.
- 2015 Spatial Valuation of Forests Ecosystem Services and trade-offs analysis in Mediterranean Forest. Grantham Research Institute in Climate Change and The Environment seminar series, London, October 28 2015.
- 2010 Carbon break-even prices of afforestation and avoided degradation of Mediterranean woodlands. Madrid Environmental Economic Seminars (MESS). Madrid, February 25 2010.
- 2003 Sistema de Cuentas Económicas Agroforestales. Indicadores monetarios y biofísicos para calcular la renta sustentable. *Seminario de Agroecología*. Madrid , April 4 2003
- 2003 Aproximaciones económicas a la naturaleza. *Congreso ¿Es la Naturaleza cognoscible*. Organizador: Universidad Internacional Menéndez Pelayo. Seville, March 26 2003.

MENTORING AND ADMINISTRATIVE EXPERIENCE

Mentoring

- 09.2020- PhD work Co-supervision with Miriam Glendell (JHI) and Sarah Halliday (U. Dundee), Sayali Pawar Hydronations’ Studentship on: *Future-proofing Scotland’s water security: delivering safe and resilient water supplies*.
- 04.2020 – 08.2020 MSc Dissertation co-supervision with Mark Metzger (U. Edinburgh) and Kirsty Blackstock (JHI), Jasmine Hussein: *Lessons learnt from adopting natural capital approaches to support sustainable land management in Scotland*. Submitted to

the School of GeoSciences, University of Edinburgh, as partial fulfilment of the requirements for the degree of MSc in Environmental Sustainability.

- 04.2020 – 09.2020 MSc Dissertation co-supervision with Jo Vergunst (U. Aberdeen), James Koronka: *Bridging Regimes of Value: Carbon and Trees in Woodland Carbon Code Scottish Forests*. Submitted to the School of Social Science, University of Aberdeen, as partial fulfilment of the requirements for the degree of MSc People and Environment.
- 04.2015-09.2015 MSc Dissertation co-supervision with Giles Atkinson (LSE) Supervision MSc Dissertation: *Linking payments for Ecosystem Services with Peacebuilding in Colombia. Perceptions from Policy Makers* (LSE, UK).
- 11.2008-04.2014 Mentoring and supervision of 4 lab research assistants (project RECAMAN).

Management and administrative experience

- 11.2008-04.2014 Coordination of the fieldwork, data collection, quality control and analysis of economic data on 60 large silvopastoral farms. Supervision, mentoring and follow-up of 10 research assistants.
- Classification, analysis and development of functional government environmental expenditure account in Andalusian forest. Supervision, mentoring and follow-up of 5 research assistants.
- Responsible of the coordination, budget control and quarterly evaluation of the progress of the 13 working tasks of project RECAMAN.
- 2006-2008 Administrative Secretary of the Spanish Association of Spanish Portuguese Association of Environmental and Natural Resources Economics (AERNA)

Organization of academic events

- 01.2020 Co-Host ES seminar and workshop natural Capital seminar
- 09.2019 Co host PESF for meeting in Dundee
- 05.2019 Co-host and moderator of the session on 'Integrated natural capital approaches for land managers', session accepted for the Summit 2019 Valuing our Life Support *Systems* (London, 21.05. 2019). Session co-hosted with Marta Santamaria (Natural Capital Coalition), Sarah Krisht, and Petrina Rowcroft (AECOM).
- 09.2018 Co-host and moderator of the session on 'Forests for Water: scientific evidence and economic mechanisms for encouraging ecosystem service provision' session of the EU ESP 2018 Conference, San-Sebastian, Spain, 15 October 2018. Session co-hosted with Gregory Valatin (Forestry Commission), David Ellison (SLU, Umea), and Christoph Wildburger (IUFRO).
- 05.2016- 06.2018 Organization of the Environmental Economic Cluster Seminars at the Swiss Federal Institute for Water Science and Technology.
- 04.2008 Organization of the *Fourth Meeting Project Transition to Sustainable Economic Structures (TranSust.Scan)*, Madrid. April, 3-4 2008.

- 05.2007 Organization of the meeting: *Jornada AERNA 2007. La contribución de la economía ambiental, ecológica y de los recursos naturales al diseño de las políticas públicas*. Madrid. May, 24, 2007.
- 10.2001 Organization of the Seminar *Beneficios comerciales y ambientales de la repoblación y la regeneración del arbolado del monte mediterráneo (REN2000-2009-E)*, Instituto de Economía y Geografía del CSIC/Centro de Investigación Forestal del INIA, Madrid. October, 2001.

RESEARCH EVALUATION AND PEER-REVIEWING

- 09.2019 Evaluation Committee Member PhD Thesis: *integración de la conservación de la biodiversidad en la gestión forestal mediante el empleo de técnicas basadas en la programación matemática. Una aplicación en el Sistema Central*. Universidad Politécnica de Madrid, Spain.
- 2018-2019: Guest-editor of the Special Issue on Payments for Forest Watershed Services of Water Resources and Economics.
- 2011-Present: Peer-reviewing: *Ager: Revista de Estudios sobre Despoblación y Desarrollo Rural*, *Ambienta*, *Economía Agraria y Recursos Naturales*, *Ecosystem Services*, *Environment and Development Economics*, *Environment and Natural Resources Research*, *European Journal of Forest Research*, *Forest, Fires*, *Forest Ecology and Management*, *Forest Policy and Economics*, *Forestry Systems*, *GCB Bioenergy*, *International Journal of River Basin Management*, *Journal of Environmental Management*, *Journal of Environmental Quality*, *Journal of Forest Economics*, *Journal of Forestry*, *Rangeland Ecology and Management*, *Restoration Ecology*, *Water Resources and Economics*, *Water Economics and Policy*.
- 2014-2017: Associated Editor *Rangeland Ecology and Management*.
- 04.2017 Grant proposal evaluation: Deutsche Forschungsgemeinschaft (German Research Foundation).
- 11.2016 External evaluation committee PhD Thesis: *Econometric models to assess economic and environmental drivers of agroforestry land-use change in Europe*. University of Cadiz, Spain.
- 05.2015 Grant proposal Evaluation: Natural Environment Research Council (NERC), UK.
- 10.2014 External evaluation committee PhD Thesis: *Forest Fire Prevention in Mediterranean Forests: An Environmental Economics Approach* (University of Valladolid, Spain).

PROFESIONAL MEMBERSHIPS AND MEASURES OF ESTEEM

- 02.2020-Present Member of the Steering Committee Coalition of Capitals Implementation of the TEEB-Agrifood framework in 7 countries

- 04.2019-Present Member of the Steering Committee Member EPA funded research project: 2018-NC-LS-2: Irish Natural Capital Accounting for Sustainable Environments
- 07.2019-Present Member of International Union of Forest Research Organizations (IUFRO) Task Force on Forests and Water Interactions for 2019-2024
- 11.2018-Present Member of the Sustainable Land Use group of the Scottish Forum on Natural Capital
- 10.2018-Present Member of the Steering Committees on the Scottish Natural Capital Accounts
- 07.2017- Present: Member of the Global Forest Expert Panel on Forests and Water, International Union of Forest Research Organizations (IUFRO).
- 10.2016-Present: Cost Action 15206: Payments for Ecosystem Services (Forests for Water). Member representing Switzerland (until 06.2018), and UK (since 07.2018.) Member of the Core Group as Vice-leader of Working Group 3 on PES cost-effectiveness analysis.
- 2014- Present: Member of the European Association of Environmental and Resources Economists (EAERE), since 2014.
- 2002-Present: Member of the Spanish Portuguese Association of Environmental and Natural Resources Economics (AERNA).

OTHER SKILLS

Languages

- Spanish (native)
- English (C1-C2 level, fluent speaking/reading/writing)
- German (A2-B1 level, intermediate speaking/reading/writing).

Computational skills:

- Matlab, Stata, ArcGIS & QGIS(basic), LATEX, MS Office.