UNAI PASCUAL
Ikerbasque Research Professor.
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PUBLIC PROFILE

URL BC3: www.bc3research.org/en/unai_pascual.html
URL Ikerbasque: www.ikerbasque.net/unai.pascual
ResearcherID: B-4766-2012
Google Scholar: http://scholar.google.es/citations?user=Dvtqo7QAAAAJ&hl=en
Web of Science: www.researcherid.com/rid/B-4766-2012
ResearchGate: www.researchgate.net/profile/Unai_Pascual?ev=hdr_xprf

BIO

Unai Pascual is Ikerbasque Research Professor at the Basque Centre for Climate Change (BC3), Bilbao, Spain, where he leads the *Climate and Natural Environment* Research line. Previously he was Senior Lecturer in environmental economics and policy at the University of Cambridge, Department of Land Economy (2002-2013). He also lectured on environmental economics at the University of Manchester (2000-2002).

Prof Pascual carries out research on the interactions between climate change, biodiversity and ecosystem services from an interdisciplinary perspective. He has conducted research in Europe and especially in developing countries, including Europe, Mexico, Peru, Bolivia, Colombia and India. Prof. Pascual's scientific output appears in many publications in international high impact journals such as: *Science, PNAS, Nature Sustainability, BioScience, Global Change Biology, Conservation Biology, Ecological Indicators, Global Environmental Change, Conservation Letters, Environment Research Letters, Environment and Resource Economics, Ecological Economics, Environmental Science and Policy, Land Economics, World Development, etc.* He has also published books, many book chapters, and has given numerous talks and keynotes.

Prof. Pascual's has an active role in international science-policy bodies. He has served on the Intergovernmental Panel on Biodiversity and Ecosystem Services (IPBES) as a member of its Multidisciplinary Expert Panel (MEP) (2015-28), as Lead Author of the Global Assessment, as part of its Management Committee and he is currently chairing the IPBES Values Assessment. In addition, Prof. Pascual chairs the Development Team of the Natural Assets Knowledge-Action Network of Future Earth, and he is member of the scientific committee of the Global Land Programme, and the *EcoSERVICES* programme, both of Future Earth. Previously he was also member of the scientific committee of the agrobiodiversity programme of Diversitas and serves in various editorial boards of international peer reviewed journals such as Global Environmental Change. He has served as advisor to research councils in Europe (EU Commission, Spain, France, UK, Sweden, Portugal) and international programmes such as the United Nations Environmental Program (UNEP), the UN Food and Agricultural Organization (FAO), the EU´s Biodiversa program, the International Institute for Environment and Development, UK (IIED), Mexican Government's *Comisión Nacional para el Conocimiento y Uso de la Biodiversidad* (CONABIO), and the Consultative Group on (CGIAR).

AREAS OF SCIENTIFIC INTEREST

Biodiversity and ecosystem services, Environment and Development Economics, Global Environmental Change and Sustainability, Environmental Governance and Policy, Climate change

LANGUAGES

English, Spanish (mother tongue), Basque (mother tongue)

CURRENT POSITIONS

2011-	Ikerbaque Research Professor, Ikerbasque Science Foundation
2018-	Associated Researcher, Centre for Development and Environment University of Bern, Switzerland
2017-	Leader of the Governance Research Line at the Basque Centre for Climate Change, BC3, Bilbao, Spain BC3, Bilbao, Spain.
2011-2017	Coordinator of the Climate and Natural Environment Research Line at BC3.
2013-2017	Visiting Fellow *University of Cambridge. Department of Land Economy, Cambridge, UK*

PAST ACADEMIC/RESEARCH POSITIONS

2011-13	Senior University Lecturer, University of Cambridge, Department of Land Economy.
2003-10	University Lecturer, University of Cambridge, Department of Land Economy.
2010-11	Ikerbasque Fellow, Basque Centre for Climate Change (BC3), Bilbao (Spain).
2008-2011	Scientific Advisor to TECNALIA Environmental Unit, Bizkaia (Basque Country).
2005-07	University Lecturer. University of Deusto. Economics department. Bilbao (Spain)
2001-03	University Lecturer. University of Manchester. School of Economic Studies (UK).
1998-	Guest Lecturer (postgraduate level): University of the Basque Country, Faculty of Economics (Spain), 2007; Universidad Autónoma de Santo Domingo, Department of Economics, (Dominican Republic), 2007; Universidad Autónoma de Barcelona, Department of Economics (Spain), 2004: Universidad Autónoma de La Pampa. Santa Rosa (Argentina). Inter-American Institute for Global Change Research, IAI, 2000; University of York, York, Environment Department, (2000); Universidad Autónoma de Yucatán, Mérida (Mexico. 1998.

QUALIFICATIONS

1998-2002	PhD in Environmental Economics. Environment Department, University of York (UK). [Advisors: Prof. Edward B. Barbier and Prof. Charles Perrings]
1996-1997	MSc in Environmental Economics. Environment Department, University of York (UK). Dissertation supervisor: Prof. John C.V. Pezzey.
1991-1996	BA in Economics (International Trade and Development), Faculty of Economics. University of the Basque Country, UPV-EHU. Bilbao (Spain).

HONOURS, PRICES & AWARDS

2018-	Named as "highly cited researcher 2018" by Clarivate Analytics (top 1% cited in Web of Science, across research fields). https://hcr.clarivate.com
2018-21	Co-Chair of the Values Assessment of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)

2018-21	Member of the Advisory Board of BiodivERsA, the network of national and regional funding organizations for pan-European research on biodiversity and ecosystem services.
2018-2020	Member of the Scientific Steering Committee of the Global Land Program (GLP), Future Earth.
2017-	Invited member of the Transformative Adaptation Research Alliance (TARA) network https://research.csiro.au/tara/
2017-2018	Co-Chair of the development Team of the Natural Assets Knowledge-Action Network of Future Earth Member of the Multidisciplinary Expert Panel of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, IPBES. http://www.ipbes.net/about-ipbes/current-mepmembers.html
2017	Visiting scholar at the Department of International Environment and Development Studies, Faculty of Social Sciences, Norway (June-July 2017)
2015-	Co-Chair of the Valuation Expert Group of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, IPBES.
2015	Advisor to the Comisión nacional para el Conocimiento y Uso de la Biodiversidad (CONABIO). Mexican Government. Mexico City.
2013-	Member of the United Nations' Sustainable Development Solutions Network's (SDSN) — Forests, Oceans, Biodiversity and Ecosystem Services (FOBES)
2013-2018	Member of the Scientific Steering Committee of the ecoSERVICES core programme of of Future Earth.
2013-	Member of the UN led Scientific Commission of the Great Ape Survival Partnership (GRASP) 2006-2013
	Scientific Committee Member of Diversitas Agro-Biodiversity Programme., Paris, France.
2003-2013	Senior College Fellow. Homerton College, University of Cambridge.
2010-11	Research Fellow Basque Centre for Climate Change (BC3), Bilbao. Oct 2010 – Sept 2011
2006-2012	Twice elected to the Board of the European Society of Ecological Economics (ESEE)
2011	Visiting Professor. University of California Davis (UCD). Dept. Land, Water and Air. California, USA. March 2011.
2009-10	Coordinating Lead Author (CLA) of the Economic Report on climate regulation and farmland chapters for the UK National Ecosystem Assessment.
2007-10	Expert member of the Nippon Science Assessment Panel (NSAP) for the Sub-global Assessment (SGA) of Satoyama and Satoumi in Japan
2009-10	Coordinating Lead Author (CLA) on economic valuation of the Economics of Ecosystems and Biodiversity Global Report (TEEB), United Nations Environmental Programme
2008-	Honorary Research Fellow. Bioversity International, Consultative Group of International Agricultural Research (CGIAR). Rome, Italy.
2003	KM Stott Prize for the best PhD in Environmental Economics. University of York. UK
2000	Visiting scholar: University of Wyoming. Dept. Economics and Finance. Laramie, Wyoming,
1998-01	PhD Research scholarship. University and Education ministry of the Basque Country.
1998	Visiting Scholar Universidad Autónoma de Yucatán. Mérida (Mexico). Sept-Oct 1998
1997-98	MSc Research scholarship. University and Education ministry of the Basque Country.

PUBLICATION RECORD SUMMARY

Sum of the Times Cited: ResearcherID (ca. 7000); Web of Science (ca. 4900), Google Scholar (ca 12,000)
Total articles in publication list: ResaercherID (117); WoS (99)
H-index: ResearcherID (34); WoS (31), Google Scholar (45)
H-10 index: WoS (62), Google Scholar (94)

BOOKS, MONOGRAPHS & JOURNAL SPECIAL ISSUES

1. Pascual, U., Chan, K.M.A., Gould, R. 2018. Relational Values. Current Opinion in Environmental Sustainability. Pp:141. Elsevier. ISBN: 1877-3435.
2. Huang, Y., and Pascual, U. 2018. Aid effectiveness and Environmental Sustainability. 446pp. ISBN. Palgrave MacMillan Singapore. 978-981-10-5378-8 & ISBN 978-981-10-5379-5 (eBook) DOI: 10.1007/978-981-10-5379-5
3. Ravera, F., I. Iniesta-Arandia, B. Martín-López, U. Pascual, and P. Bose (ed.). 2016. Gender perspectives in resilience, vulnerability and adaptation to global environmental change. Special Issue. AMBIO, 45 (Supplement 3). Springer.ISSN: 0044-7447 (Print) 1654-7209 (Online).
4. Pascual, U., Corbera, E. (2011). Payments for Environmental Services and Economic Development: Perspectives and Challenges. *Revista Española de Estudios Agrosociales y Pesqueros.* Monograph 228. 165 pp. Spanish Ministry of Agriculture, Environment and Marine Environment. Madrid.
5. Pascual, U., Corbera, E., Muradian, R., Kosoy, N. (2010). Reconciling theory and practice: An alternative conceptual framework for understanding payments for environmental services. Special Issue monograph in *Ecological Economics. Volume 69: 1202-1302.* Elsevier. The Netherlands.
6. Pascual, U., Shah, A., and J. Bandyopadhyay (2009): '*Water, Agriculture and Sustainable Well-being'*. Oxford University Press. 360 pp. ISBN: 0198061757.
7. Kontoleon, A., Pascual, U. and M. Smale (2009): '*Agrobiodiversity Conservation and Economic Development*'. Routledge, Abingdon, UK. 456pp. ISBN: 978-0-415-46505-2
8. Kontoleon, A., Pascual, U. and T. Swanson (2007): '*Biodiversity Economics: Principles, Methods and Applications'*. Cambridge University Press, Cambridge, UK. 692pp. ISBN-13: 9780521866835.
9. Jackson, L. E., Pascual, U., Brussaard, L., de Ruiter, P., & Bawa, K. S. (2007). Biodiversity in Agricultural Landscapes: Investing without Losing Interest" (*Agriculture, Ecosystems & Environment*. 121(3)
10. Jackson, L., Bawa, K., Pascual, U., Perrings, C. (2005) "*AgroBIODIVERSITY: A New Science Agenda for Biodiversity in Support of Sustainable Agroecosystems*". DIVERSITAS No. 4, pp. 44. Paris, France. [ISBN: 2-9522982-2-X – ISSN: 1813-7105]

PEER REVIEWED JOURNAL ARTICLES

Link provided to open access papers. PhD student names or postdocs under my direct supervision are underlined. (*corresponding author)

1. Muradian, R., Pascual*, U (2020). Ecological Economics in the age of fear. *Ecological Economics.* In press. DOI: 10.1016/j.ecolecon.2019.106498
2. Termansen, M., Jørgensen, L.V. Pascual, U., 2020. Natural insurance as condition for market insurance: Climate change adaptation in agriculture. *Ecological Economics*. In press.
3. LLiso, B., Pascual, U., Engel, S., Marie, P. (2020), Payments for ecosystem services or collective stewardship of Mother Earth? Applying deliberative valuation in an indigenous community in Colombia, *Ecological Economics*. In press.
4. Palomo, I., Dujardin, Y., Midler, E., Robin, M., Sanz, MJ., Pascual, U. (2019). Modelling trade-offs across carbon sequestration, biodiversity conservation and equity in the distribution of global REDD+ funds. PNAS. DOI: 10.1073/pnas.1908683116 (link)

5. Chaplin-Kramer, R., Sharp, R.P., Weil, C. Bennett, E.M., Pascual, U.,..Daily, G.C. (2019). Global Modelling of Nature's Contributions to People. *Science*. 366(6462), 255–258. DOI: 10.1126/science.aaw3372 (link)
6. Ellis, E., Pascual, U., Mertz, O. 2019. Ecosystem services and nature's contribution to people: Negotiating diverse values and trade-offs in land systems. *Current Opinion in Environmental Sustainability*. 38:86-94. DOI: /10.1016/j.cosust.2019.05.001.
7. Nielsen, J., de Bremond, A., Chowdury, R.R., Friss, C., Metternich, G., Meyfroidt, P., Murnoe, D., Pascual, U., Thomson, A. 2019. Toward a normative land system science. *Current Opinion in Environmental Sustainability*. 38: 16. DOI: 10.1016/j.cosust.2019.02.003.
8. Albizua, A., Pascual, U., Corbera. E. 2019. Large scale irrigation impacts socio-cultural values of agroecosystems: An example from Navarre. Ecological Economics. In press. DOI: 10.1016/j.ecolecon.2018.12.017
9. Albizua, A., Corbera, E., Pascual, U. 2019. Farmers' vulnerability to global change in Navarre, Spain: large-scale irrigation as maladaptation. Regional Environmental Change. DOI: 10.1007/s10113-019-01462-2. In press.
10. Zafra-Calvo, N., Garmendia, E., Pascual, U., Palomo, I., Gross-Camp, N., Brockington, D., ... & Burgess, N. D. (2019). Progress toward Equitably Managed Protected Areas in Aichi Target 11: A Global Survey. *BioScience*. biy143 doi:10.1093/biosci/biy143.
11. Ravera, F. Reyes-Garcia, V., Pascual, U., Drucker, A., Tarrason, D. Bellon., M. 2019. Gendered agrobiodiversity management and adaptation to climate change: differentiated strategies in two marginal rural areas of India. *Agriculture and Human Values*. 36(3): 455-474.
12. Chan, K.M.A, Gould, R., Pascual, U. 2018. Relational values: What are they and what's the fuss about? *Current Opinion in Environmental Sustainability, 35:A*1-A7. DOI: 10.1016/j.cosust.2018.11.003. (open access)
13. Muradian, R., Pascual, U. 2018. A typology of elementary forms of human-nature relations: A contribution to the valuation debate. *Current Opinion in Environmental Sustainability,* 35:7-14. DOI: 10.1016/j.cosust.2018.10.014
14. Rasmussen, L., Coolsaet, B., Martin, A., Mertz, O., Pascual, U., Corbera, E., Dawson, N., Fisher, J., Franks, P., Ryan, C. (2018) Social-ecological outcomes of agricultural intensification. *Nature Sustainability* 1(6). 275-282. DOI: 10.1038/s41893-018-0070-8
15. Martinez-Harms, M.J., Gelcich , Krug, R.M, Maseyk, F.J.F, Moersberger, H., Rastogi, A., Wambugu, G., Krug, C.B., Spehn, E.M., Pascual, U. (2018). Framing natural assets for advancing sustainability research: translating different perspectives into actions. *Sustainability Science. 13(6): 1519-1531.* DOI: 10.1007/s11625-018-0599-5 (open access)
16. Wunder, S., Brouwer, R., Engel, S., Ezzine de Blas, D., Muradian, R., Pascual, U., Pinto, R. (2018). From principles to practice in paying for nature's services. *Nature Sustainability* 1(3): 145–150. DOI: 10.1038/s41893-018-0036-x
17. Díaz, S., U. Pascual*, M. Stenseke, B. Martín-López, R.T. Watson,Z. Molnár,R. Hill, K.M.A. Chan,I.A. Baste,K.A. Brauman, S. Polasky, A. Church, M. Lonsdale, A. Larigauderie, P.W. Leadley, A.P.E. Van Oudenhoven, F. Van Der Plaat, M. Schröter, S. Lavorel, Y. Aumeeruddy-Thomas, E. Bukvareva, K. Davies, S. Demissew, G. Erpul, P. Failler, C.A. Guerra, C.L. Hewitt, H. Keune, S. Lindley, Y. Shirayama (2018). Assessing nature's contributions to people. *Science,* 359(6373):270-272 (link). (co-leader & corresponding author). DOI: 10.1126/science.aap8826
18. Sidibé, Y., Foudi, S., Pascual, U., Termansen, M. (2018) Adaptation to climate change in rainfed agriculture in the global South: Soil biodiversity as natural insurance. *Ecological Economics*. 146: 588-596. DOI: 10.1016/j.ecolecon.2017.12.017.
19. Ishihara, I. Pascual, U., Hodge, I. (2017). Making sense of messy outcomes in common pool resource management: the role of agency and institutions. Ecology & Society. Under review.
20. Krishna, V., Kubitza, C., Pascual, U., Qaim, M. (2017). Land markets, property rights, and deforestation: Insights from Indonesia. *World Development*. 99: 335-349. DOI: 10.1016/j.worlddev.2017.05.018 (link)
21. Pascual*, U., Palomo, I., Adams, W., Chan, K., Daw, T., Garmendia, E., Gómez-Baggethun, E., de Groot, R., Mace, G., Martín-López, B., Phelps, J. (2017). Off-stage ecosystem service burdens: A blind spot for global sustainability. *Environmental Research Letters.* 12, 075001, DOI: 10.1088/1748-9326/aa7392 (link)
22. Balvanera, P., Pascual, U., Díaz, S., Dziba, L., Prieur-Richaard, A-H, Subramanian, S.M. (2017). Urgent need to strengthen the international commitment to IPBES. *Nature Ecology & Evolution 1:* s41559-017. DOI: 10.1038/s41559-017-0197 (link)

23. Zafra-Calvo N., Pascual U., Brockington D., Coolsaet B., Cortes-Vazquez J.A., Gross-Camp N., Palomo I., Burgess N.D. (2017). Towards a Practical Indicator System to Assess Equitable Conservation in Protected Areas. *Biological Conservation. 211: 134-141.* DOI: 10.1016/j.biocon.2017.05.014.
24. Ishihara, I. Pascual, U., Hodge, I. (2017). Dancing with storks: The role of power relations in payments for ecosystem services. *Ecological Economics.* 139: 45-54. DOI: 10.1016/j.ecolecon.2017.04.007
25. Nordhagen, S. Pascual, U., Drucker, A. (2017). Feeding the household, growing the business, or just showing off? Farmers' motivations for crop diversity choices in Papua New Guinea. *Ecological Economics*. 137: 99-109. DOI: 10.1016/j.ecolecon.2017.02.025
26. Zabala, A., Pascual, U., García-Barrios, L. (2017). Payments for pioneers? Revisiting the role of external rewards for sustainable innovation under heterogeneous motivations. *Ecological Economics*. 135: 234-245. DOI: 10.1016/j.ecolecon.2017.01.011
27. Pascual*, U., Balvanera, P., Díaz, S., Pataki, G., Roth, E., Stenseke, M., Watson, R.T., Dessane, B.E., Islar, M., Kelemen, E., Maris, V., Quaas, M., Subramanian, S.M., Wittmer, H., Adlan, A.,Ahn, S., Y.S., Al-Hafedh, Amankwah, E., Asah, S.T., Berry, P., Bilgin, A., Breslow, S.J., Bullock, C, Daniel, C., Daly-Hassen, H., Figueroa, E., Golden, C.D, Gómez-Baggethun, E., González-Jiménez, D., Houdet, J., Keune, H., Kumar, R., Ma, K., May, P.H., Mead, A., O'Farrell, P., Pandit, R., Pengue, W., Pichis-Madruga, R., Popa, F., Preston, S., Pacheco-Balanza, D., Saarikoski, H., Strassburg, B.B., van den Belt, M., Verma, M., Wickson, F., Yagi, N. (2017). The value of nature's contributions to people: the IPBES approach. *Current Opinion in Environmental Sustainability, 26-27: 7-16.* DOI: 10.1016/j.cosust.2016.12.006 (link)
28. Narloch, U., Drucker, A., Pascual, U. (2017). What role for cooperation in conservation tenders? Paying farmer groups in the High Andes. *Land Use Policy. 63:* 659–671. doi:10.1016/j.landusepol.2015.09.017
29. Ravera, F., Iniesta-Arandia, I., Martín-López, B., Pascual, U., Bose, P. (2016) Gender perspectives in resilience, vulnerability and adaptation to global environmental change. AMBIO. 45(3): 235-247. DOI: 10.1007/s13280-0160842-1 (link)
30. Ravera, F., Martín-López, Pascual U. and Drucker A. (2016). The diversity of gendered adaptation strategies to climate change of Indian farmers: A bottom-up feminist intersectional approach. *AMBIO*. 45(3): 335-351. DOI: 10.1007/s13280-016-0833-2 (link)
31. Thompson-Hall, M., Carr, E.R., Pascual*, U. (2016). Enhancing and Expanding Intersectional Research for Climate Change Adaptation in Agrarian Settings. *AMBIO*. 45(3): 373-382. DOI: 10.1007/s13280-016-0827-0 (link)
32. Berbés-Blázquez, M. González, J., Pascual*, U. (2016). Towards an ecosystem services approach that addresses social power relations. *Current Opinion in Environmental Sustainability.* 19: 134-143. DOI: 10.1016/j.cosust.2016.02.003
33. Chan, K., Balvanera, P., Benessaiah, K., Chapman, M., Díaz, S., Gómez-Baggethun, E., Gould, R.K., Hannahs, N., Jax, K., Klain, S.C., Luck, G., Martín-López, B., Muraca, B., Norton, B., Ott, K., Pascual, U., Satterfield, S., Tadaki, M., Taggart, J., Turner, N.J., 2016. Why Protect Nature? Rethinking Values and the Environment. *Proceedings of the National Academy of Sciences of the United States of America (PNAS)*. 113(6): 1462–1465. DOI: 10.1073/pnas.1525002113 (link)
34. Zabala, A., Pascual. U. 2016. Bootstrapping Q Methodology to Improve the Understanding of Human Perspectives. *PLOS ONE*. 11(2) DOI: 10.1371/journal.pone.0148087 (link)
35. Bohan, D.A., Landuyt, D., Ma, A., Macfadyen, S., Marinet, V., Massol, F., McInerny, G., Montoya, J.M., Mulder, C., Pascual, U., et al (2016). Networking our way to better ecosystem service provision" *Trends in Ecology and Evolution.* 31: 112-121. DOI: 10.1016/j.tree.2015.12.003 (link)
36. Palomo, I., Felipe-Lucia M.R., Bennett, E., Martinez-Lopez, B. Pascual, U. (2016) Disentangling the pathways and effects of ecosystem service co-production. *Advances in Ecological Research*. 54. 245-283 DOI: 10.1016/bs.aecr.2015.09.003
37. Olazabal, M., Pascual, U (2016). Use of fuzzy cognitive maps to study urban resilience and transformation. *Environmental Innovation and Societal Transitions*.18: 18-40. DOI:10.1016/j.eist.2015.06.006.
38. Mulder, C., Bennet, E., Bohan, D.A., Bonkowski, M., Carpenter, S.R., Chalmers, R., Cramer, W., Durance, I., Eisenhauer, N., Fontaine, C., Haughton, A.J., Hettelingh, J.-P., Hines, J., Ibanez, S., Jeppesen, E., Krumins Adams, J., Ma, A., Mancinelli, G., Massol, F., Mclaughlin, Ó., Naeem, S., Pascual, U., Peñuelas, J., Pettorelli, N., Pocock,

M.J.O., Raffaelli, D., Rasmussen, J.J., Rusch, G.M., Scherber, C., Setälä, H., Sutherland, W.J., Vacher, C., Voigt, W., Vonk, J.A., Wood, S.A., Woodward, G. (2015). 10 Years Later: Revisiting Priorities for Science and Society a Decade after the Millennium Ecosystem Assessment. *Advances in Ecological Research*. 53: 1-53. DOI: 10.1016/bs.aecr.2015.10.005.

39. Etxano, E., Garmendia, E., Pascual, U., Hoyos, D., Díez, M.A., Cadiñanos, J.A., Lozano, P.J., (2015). A participatory integrated assessment approach for Natura 2000 network sites. *Environment & Planning C: Government & Policy.* 33(5): 1207-1232. doi: 10.1177/0263774X15612318
40. Díaz, S., Demissew, S., Joly, C. Lonsdale, W.M., Larigauderie, A., Baptiste, B.L.G. Roué, M. Pascual, U (2015). Biodiversity beyond babel (reply to Soberón, J. and Peterson, A.T: Biodiversity Governance: A Tower of Babel of Scales and Cultures). *PLOS Biology 13(3)*. 2 July 2015. DOI: 10.1371/journal.pbio.1002108 (link)
41. Midler, E., Pascual*, U., Drucker, A., Narloch, U., Soto, L. (2015). Unraveling the effects of payments for ecosystem services on intrinsic motivations for collective action. *Ecological Economics*. 120: 394-405 DOI: 10.1016/j.ecolecon.2015.04.006
42. Pascual*, U., Termansen, M., Hedlund, K., Brussaard, L., Faber, J., Foudi, S., Lemanceau, P., Liv-Jørgensen, S. (2015). On the value of soil biodiversity and ecosystem services. *Ecosystem Services* 15:11-18 DOI: 10.1016/j.ecolser.2015.06.002
43. Olazabal, M., Pascual, U. (2015). Urban low-carbon transitions: Cognitive barriers and opportunities. *Journal of Cleaner Production.* 109: 336-346. DOI:10.1016/j.jclepro.2015.08.047
44. Albizua, A., Williams, A., Hedlund, K., Pascual, U. (2015). Crop rotation including ley and manure can promote ecosystem services in conventional farming systems. *Applied Soil Ecology*. 95: 54-61 DOI: 10.1016/j.apsoil.2015.06.003
45. Bennett, E.M., Cramer, W., Begossi, A., Cundill, G., Diaz, S., Egoh, E., Geijzendorffer, I.R., Krug C.B., Lavorel, S., Lazos, E., Lebel, L., Martín-Lopez, B., Meyfroidt, P., Mooney, H.A., Nel, J.L., Pascual, U., Payet, K., Harguindeguy, N.P., Peterson, G., Prieur-Richard, A-H., Reyers, B., Roebeling, R., Seppelt, R., Solan, M., Tschakert, P., Tscharntke, T., Turner, B.L., Verburg, P.H., Viglizzo, E.F., White, P.C.L, Woodward, G. (2015). Linking ecosystem services to human well-being: Three challenges for designing research for sustainability. *Current Opinion in Environmental Sustainability* 14:76-85 DOI:10.1016/j.cosust.2015.03.007
46. Díaz, S., Demissew, S., Carabias, J., Joly, C. Lonsdale, W.M, Ash, N., Larigauderie., A., Pascual U.,. *et al.* (2015). The IPBES conceptual framework - connecting nature and people. *Current Opinion in Environmental Sustainability* 14:1-16. 10.1016/j.cosust.2014.11.002 (link)
47. Milne, E. Banwart, S.A., Noellemeyer, E., Pascual, U. et al (2015). Soil Carbon, Multiple Benefits. *Environmental Development.* 13; 33-38. doi:10.1016/j.envdev.2014.11.005
48. Fernades, L.A.O., and Pascual, U. (2015). Analise de eficiencia de agricultura familiar agroecologista. *Revista Iberoamericana de Economía Ecológica* 24: 221-233. ISSN 13902776
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28. Pascual, U., Shah, A., and J. Bandyopadhyay (2009) 'Water, Agriculture and Sustainable Well-being: Introduction'. Chapter 1. In Pascual, U., Shah, A., and J. Bandyopadhyay (eds) 'Water, Agriculture and Sustainable Well-being'. Chapter 1. Oxford University Press. Oxford, UK.
29. Pascual, U., Maddison, D., Field, E., Choudury, Z., (2009). Trade-offs between Risk and Latency of Health Hazards from Groundwater Contamination: An example from Bangladesh. In Pascual, U., Shah, A., and J. Bandyopadhyay (eds) 'Water, Agriculture and Sustainable Well-being'. Chapter 3. Oxford University Press. Oxford, UK.
30. Stromberg, P., Pascual, U., Bellon. M. (2009). Etnicidad, agrobiodiversidad y sistemas locales de semillas en el Amazonas central Peruano. Chapter 9. In Hermann M, Amaya K, Latournerie L, Castiñeiras, L (Eds). ¿Cómo conservan los agricultores sus semillas en el trópico húmedo de Cuba, México y Perú? Experiencias de un proyecto de investigación en sistemas informales de semillas de chile, frijoles y maíz. Bioversity International, Rome, Italy. 123-142. pp. 179. ISBN: 978-92-9043-812-0
31. Barbier, E.B., S. Baumgärtner, K. Chopra, C. Costello, A. Duraiappah, R. Hassan, A. Kinzig, M. Lehman, U. Pascual, S. Polasky, C. Perrings (2009): The Valuation of Ecosystem Services. Chapter 18, in: Naeem S., D. Bunker, A. Hector, M. Loreau and C. Perrings (eds): "Biodiversity, Ecosystem Functioning, and Human Wellbeing: An Ecological and Economic perspective". Oxford University Press, Oxford, UK. ISBN: 9780199547951
32. Perrings, C., S. Baumgärtner, W.A. Brock, K. Chopra, M. Conte, C. Costello, A. Duraiappah, A.P. Kinzig, U. Pascual, S. Polasky, J. Tschirhart, A. Xepapadeas (2009): The Economics of Biodiversity and Ecosystem Services. Chapter 17, in: Naeem S., D. Bunker, A. Hector, M. Loreau and C. Perrings (eds): "Biodiversity, Ecosystem Functioning, and Human Wellbeing: An Ecological and Economic Perspective". Oxford University Press, Oxford, UK. ISBN: 9780199547951 32.
33. Brock, W.A., D. Finnoff, A.P. Kinzig, U. Pascual, C. Perrings, J. Tschirhart, A. Xepapadeas (2009). Modeling Biodiversity and Ecosystem Services in Coupled Ecological-Economic System. Chapter 19, in: Naeem S., D. Bunker, A. Hector, M. Loreau and C. Perrings (eds): "Biodiversity, Ecosystem Functioning, and Human Wellbeing: An Ecological and Economic Perspective". Oxford University Press, Oxford, UK. ISBN: 9780199547951
34. Kontoleon, A., Pascual, U., and Smale, M. (2009). Agrobiodiversity for Economic Development. What do we Know? In "Agrobiodiversity Conservation and Economic Development" (Kontoleon, A., Pascual, U., and Smale, M, eds). Routledge, Abingdon, UK. Chapter 1: pp 1-25. ISBN: 978-0-415-46505-2
35. Krishna, V. and Pascual, U., (2009). Can greening markets help conserve landraces in situ? Eggplants in India. In "Agrobiodiversity Conservation and Economic Development" (Kontoleon, A., Pascual, U., and Smale, M, eds).. Routledge, Abingdon, UK. Chapter 15: 267-289. . ISBN: 978-0-415-46505-2
36. Omer, A., Pascual, U. and Russell, N.P. (2009). Biodiversity conservation and productivity in intensive agricultural systems. In "Agrobiodiversity Conservation and Economic Development" (Kontoleon, A., Pascual, U., and Smale, M, eds). Routledge, Abingdon, UK. Chapter 8: 113-136.
37. Rodríguez, L.C., Pascual, U., Niemeyer, H.M (2009). Local Identification and Valuation of Ecosystem Goods and Services from Opuntia Scrublands of Ayacucho, Peru. In C. Perrings (ed) Ecological Economics, Volume 3, SAGE, London: 253-273. ISBN: 9781412948609
38. Pascual, U. and Perrings, C. (2008). Developing incentives and economic mechanisms for in-situ biodiversity conservation in agricultural landscapes. In: "Conserving and Valuing Ecosystem Services and Biodiversity" (Ed. K.N. Ninan). Earthscan, UK. ISBN: 9781849711739
39. Deurwaerdere, T., Krishna, V., and Pascual, U (2007). An evolutionary institutional economics approach to the economics of bioprospecting" (in Kontoleon, Pascual and Swanson, eds): "Biodiversity Economics: Principles, Methods and Applications". Chapter 15, pp. 417-445. Cambridge University Press. ISBN: 9780521866835.

RESEARCH THESES

1. Pascual, U. (2002). Modeling Labour Supply and Soil Quality in Shifting Cultivation Agriculture. Doctoral dissertation, Environment Department, University of York (UK).
2. Pascual, U. (1997) Poverty and Soil Degradation in Rural Areas of the Third World: A theoretical Approach. MSc research dissertation, Environment Department, University of York (UK).

DISCUSSION PAPERS AND POLICY BRIEFS

1. Pascual et al. (2018) Wellbeing for whom and how? Ecosystem Services and Poverty Alleviation (ESPA) program. March 2018. ESPA. UK
2. Garmendia, E., Pascual, U. and Phelps,J., 2015,"Environmental justice: instrumental for conserving natural resources", BC3 Policy Briefing Series 04-15" Basque Centre for Climate Change (BC3).Bilbao, Spain. http://www.bc3research.org/index.php?option=com_pbriefings&task=showdetails&idpbriefings=39&Itemid=292 & lang=en_EN
3. Krishna, V.V., Pascual, U. and Qaim, M. (2014) "Do emerging land markets promote forestland appropriation? Evidence from Indonesia". EFForTS Discussion Paper Series No. 7. Goettingen: Georg-August University of Goettingen, Germany.
4. Pascual, U., Garmendia, E., Phelps, J. Ojea, E., 2013. *Leveraging global climate finance for sustainable forests: Opportunities and conditions for successful foreign aid to the forestry sector*. WIDER Working Paper2013/54. United Nations University - World Institute for Development Economic Research ,ISBN: 978-92-9230-631-1. http://www.wider.unu.edu/publications/working-papers/2013/en_GB/wp2013-054/
5. Pascual, U., Markandya, A., (2013) *The long road of climate negotiations: From Kyoto to Paris stopping over in Doha.* Basque Centre for Climate Change (BC3) Policy brief series 2013-01. www.bc3research.org/index.php?option=com_pbriefings&Itemid=292&lang=en
6. Ishihara and Pascual, U. Institutions and Agency in Creating Collective Action for Common Pool Resources. Environment Economy and Policy Research working paper. 53.2012.
7. Abson, D. J., Termansen, M., Pascual, U., Fezzi, C., Bateman, I.J., and Aslam, U. (2011) *Valuing regulating services (climate regulation) from UK terrestrial ecosystems*, Report to the Economics Team of the UK National Ecosystem Assessment, http://uknea.unep-wcmc.org/LinkClick.aspx?fileticket=mqogOQhILso%3d&tabid=82
8. *"Exploring the potential of payments for ecosystem services for in-situ agrobiodiversity conservation"* Discussion Paper N.14. Ecosystem Services Economics Unit, Division of Environmental Policy Implementation, United Nations Environmental Programme (UNEP), Nairobi, Kenya. 2011. http://depi.unep.org/index.php?option=com_docman&task=doc_download&gid=931&Itemid=119
9. *"Cost-Benefit Analysis in the Context of Ecosystem Services for Human Well-Being: A Multidisciplinary Critique"* Discussion Paper N.13. Ecosystem Services Economics Unit, Division of Environmental Policy Implementation, United Nations Environmental Programme (UNEP), Nairobi, Kenya. 2011. http://depi.unep.org/depi.unep.org/index.php?option=com_docman&task=doc_download&gid=932&Itemid=119
10. *"Are the amounts of Payments for Environmental Services enough to contribute to poverty alleviation efforts in developing countries?"* Discussion Paper N.12. Ecosystem Services Economics Unit, Division of Environmental Policy Implementation, United Nations Environmental Programme (UNEP), Nairobi, Kenya. 2011. http://depi.unep.org/index.php?option=com_docman&task=doc_download&gid=930&Itemid=119
11. *"Towards a unified scheme for environmental and social protection: Learning from PES and CCT experiences in developing countries"* Discussion Paper N.11. Ecosystem Services Economics Unit, Division of Environmental Policy Implementation, United Nations Environmental Programme (UNEP), Nairobi, Kenya. 2011. http://depi.unep.org/index.php?option=com_docman&task=doc_download&gid=928&Itemid=119
12. Payments for Ecosystem Services Towards an Implementation Strategy. Carius, F (ed). Report of the International Expert Workshop 13th - 16th December 2010 International Academy for Nature Conservation Isle of Vilm, Germany http://www.bfn.de/fileadmin/MDB/documents/service/Skript_326.pdf

13. "*Revisiting the relationship between equity and efficiency in Payment for Environmental Services*". Discussion Paper n.1. Ecosystem Services Economics Unit, Division of Environmental Policy Implementation, United Nations Environmental Programme (UNEP), Nairobi, Kenya. 2009. http://depi.unep.org/depi.unep.org/index.php?option=com_docman&task=doc_download&gid=918&Itemid=119
14. *"An integrated methodological framework to value Red Natura 2000 Network sites in the Basque Country"*. IHOBE. Basque Government. 2009.
15. *"Modelling household decisions on agro-biodiversity and livelihood diversification under climatic risks: An example from Eastern Ethiopia*", Agricultural Development Economics ESA policy paper. United Nations Food and Agriculture Organization (UNFAO), Rome, Italy. 2008.
16. *"Livelihood diversity and vulnerability under extreme drought: An example from Eastern Ethiopia"*, Agricultural Development Economics ESA policy paper. United Nations Food and Agriculture Organization (UNFAO), Rome, Italy. 2008.
17. *"Incorporating Biodiversity into Integrated Assessments of Trade Policy in the Agricultural Sector. Volume II: A reference manual".* Economics and Trade Branch Division of Technology, Industry and Economics United Nations Environment Programme (UNEP), Geneva, Switzerland. 2007.
18. *"The Total Economic Value of Forests in the Basque Country"*. IKT Ikerketa eta Nekazal Teknologia. EU project: INTERREG IIIB FORSEE: Sustainable FOReSt management pp. 78. Vitoria, Spain. 2007.

TECHNICAL REPORTS

1. UNEP (2015): IPBES/4/INF/1: Preliminary guide regarding diverse conceptualization of multiple values of nature and its benefits, including biodiversity and ecosystem functions and services (deliverable 3(d)). In Report of the Fourth Session of the Plenary of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, 2015: http://www.ipbes.net/sites/default/files/downloads/IPBES-4-INF-13_EN.pdf
2. Midler, E., Pascual, U., Simonit, S. (2014). Forest ecosystems in national economies and contribution of REDD+ in a green economy transformation: the case of Panama. (Ecosistemas forestales en las economías nacionales y la contribución de REDD+ en la transformación hacia una economía verde: el caso de Panamá) UNEP. (link)

RESEARCH PROJECTS

1. RElational VALues in Urban Environments: A transdisciplinary approach (REVALUE). Basque Government 2019-2022. 50,000 euro.
2. Open library of pollinator Biodiversity and ecosystem Services scenarios (OBServ). Project timeframe: 2019-2021. Funder: BioDiversa. Role: project partner Budget: 759,681 euro.
3. A review of conceptual frameworks of ecosystem services. Project timeframe: June 2017 – May 2018.Funder: Ecosystem Services for Poverty Alleviation (ESPA).Role: PI. Budget: 25000 euro.
4. Towards an Equitable Valuation of Nature in the Anthropocene (EQUIVAL). Project timeframe: November 2017 – May 2019. Funder: Future Earth. Role: PI. Budget: 160,000 USD.
5. Agriculture, Food Production and Forest Conservation/Management in Sub-Saharan Africa)Project timeframe: 2017 – 2019. Funder: SNAPP Science for Nature and People partnership. Role: Co-I. PI: Phil Franks, International Institute for Environment and Development (IIED). Budget:.
6. Visiting scholar grant by the Basque Government (IKERMUGIKORTASUNA program). Project timeframe: 1st June – 31st July 2017. Funder: Basque Government. Role: PI . Budget: 5,500 EURO
7. Land-use intensification in forest-agriculture frontier landscapes: effects on ecosystem services and poverty alleviation (ESPA-FRONTIERS). Project timeframe: Dec 2016 – Nov 2017. Funder: E SPA (NERC UK). Role: Co-I Budget: 172,785 GBP.
8. Rethinking Relational Values and the Environment: Implications for Science and Policy. Project timeframe: 20152016. Funder: UNESCO. Role: PI – Director. Budget: €65,000.

9. Social equity in Payments for Ecosystem Services: A social-ecological perspective (ESPERA). Project timeframe: 2016-2018. Funder: Spanish Ministry of Innovation, Science and Competitiveness. Role: PI. Budget: €18,150.
10. El papel de la equidad social en la gobernanza de la naturaleza desde una perspectiva socio-ecológica (ESSE). Project timeframe: 2015-2018. Funder: Basque Government. Role: PI. Budget: €53,500
11. Klimagune Workshop 2014, Bilbao, Spain. Project timeframe: Jan-Dec 2014. Funder: Basque Government. Role: PI . Budget: €4,000.
12. The value of Panamanian forests and their contribution to the Economy of Panama. Project timeframe: 2013-2014. Funder: United Nations Environmental Programme (UNEP). Role: PI. Budget: €60,000
13. The role of agrobiodiversity for climate change adaptation. Project timeframe: 2012-2014. Role: Co-PI with Adam Drucker (Bioversity International). Budget: € 75,000.
14. Klimagune Workshop 2013, Bilbao, Spain. Project timeframe: Jan-Dec 2013. Role: PI. Funder: Basque Government. Budget: €5,000
15. Klimagune Workshop 2012, Bilbao, Spain. Project timeframe: Jan-Dec 2012. Role: PI. Budget: €5,000. Funder: Basque Government.
16. On-farm participatory network for climate change adaptation and visualization in the Indo-Gangetic Plains (IGP). Project timeframe: June-Dec 2012. Role: Co-PI with Adam Drucker (Bioversity International). Budget: € 25,000.
17. Payments for Agrobiodiversity Conservation (PACS) in Peru. Project timeframe: 2012-13. Role: Co-PI with Adam Drucker (Bioversity International). Budget: $28,000.
18. Ecological Function and Biodiversity Indicators in European Soils (EcoFINDERS). Funder: EU FP7 Programme (ENV2010-2.1.4.4. Collaborative project, large-scale integrating project). Project timeframe: 2011- 2015. Role: Co-I & Work Package leader. PI: Phillipe Lemanceau (INRA, Dijon, Francce). Budget: € 7,000,000. (BC3: €231,376).
19. Incentives for soil carbon, food security and biodiversity conservation. Funder: Cambridge Conservation Initiative Strategic Fund, University of Cambridge, UK. Project timeframe: Jan- June 2011. Role: Co-Investigator. PI: Alison Rosser (United Nations Environmental Program – Wold Monitoring Conservation Centre, UK). Budget: UK£ 24,000.
20. UK National Ecosystem Assessment. Funder: Natural Environment and Research Council (NERC), UK. Project timeframe: 2009-2011. Role: Co-Investigator. PI: Ian Bateman (University of East Anglia, UK). Budget: UK£ 500,000 (aprox).
21. Transition of shifting cultivation systems at the agriculture/forest frontiers. Funder: Danish Social Science Research Council. Project timeframe: January 2009-December 2012. Role: Co-Investigator. PI: Ole Mertz (University of Copenhagen). Budget: US$ 400,000.
22. Payment for Agrobiodiversity Conservation Services (PACS) and implications for collective action and property rights. Funder: CGIAR Systemwide Program on Collective Action and Property Rights. Project timeframe: 2009- 2012. Role: Co-Investigator. PI: Adam Drucker (Bioversity International). Budget: US$ 150,000
23. Payments for ecosystem services from agrobiodiversity conservation (PACS). Funder: SyngentaFoundation. Project timeframe: 2009-June 2011. Role: Co-Investigator. PI: Adam Drucker (Bioversity International). Budget: US$ 120,000.
24. Payment for Ecosystem Services: Multiple perspectives on efficiency, equity and valuation. Funder: United Nations Environmental Programme (UNEP). Project timeframe: 2009-June 2011. PI: Unai Pascual. Budget: US$ 43,000
25. An integrated analysis of scale effects in alternative agricultural systems. Funder: UK research councils (ESRC/BBSRC/NERC) under the Rural Economy and Land Use (RELU) programme. Project timeframe: 2006-June 2010. Role: Co-Investigator. PI: Sigrid Stagl (University of Sussex). Budget: UK£ 800,000
26. Integrated methodological framework for the valuation of sites of Natura 2000 Network in the Basque Country - Propuesta de marco metodológico para la valoración de Espacios Red Natura 2000 en la CAPV. Funder: IHOBE (Basque Country). Project timeframe: 2009. Role: Co-Investigator. PI: Iker Etxano (UPV-EHU). Budget: € 70,000
27. Agrobiodiversity conservation and economic development in Ethiopia. Funder: United Nations Food and Agriculture Organisation (FAO). Project timeframe: 2009. Role: PI. Budget: US$ 8,000
28. The potential role of sustainable intensification in agro-ecological systems. Funder: UK research councils (ESRC/BBSRC/NERC). Project timeframe: 2004-2005. Role: Co-Investigator. PI: Noel Russell (University of Manchester). Budget: UK£ 50,000

WORKSHOP ORGANISATION

1. Second Authors Meeting of the Values Assessment of IPBES. Vitoria-Gasteiz (21-27 October, 2019).
2. Navigating social-ecological tradeoffs for sustainability. Murua. 1-2 February 2018.
3. Rethinking Relational Values and the Environment: Implications for Science and Policy. Funded by UNESCO. 30 May – 1 June 2016, San Sebastian, Basque Country, Spain. 20 experts including among others, Kai Chan, Bill Adams, Sandra Diaz, John O'Neil, Brigitte Baptiste, Joji Carino, Barbara Muraca, Rachelle Gould, Patty Balvanera, Kurt Jax,, Richard Norgaard, Belinda Reyers, Terre Saterfield, Aridl Vatn.(link)
4. The role of social equity in the management of protected areas. Murua, Basque Country. Spain. Feb. 2016. Role co-leader with Noelia Zafra-Calvo. Funder: European Commission. 10 participants. Outcome – paper in Biological Conservation: Zafra-Calvo N., Pascual U., Brockington D., Coolsaet B., Cortes-Vazquez J.A., GrossCamp N., Palomo I., Burgess N.D. (2017). Towards a Practical Indicator System to Assess Equitable Conservation in Protected Areas. *Biological Conservation. 211: 134-141.* DOI: 10.1016/j.biocon.2017.05.014.
5. Klimagune 2015: Communicating climate science: Opportunities and challenges. 23 Nov. 2015. Approx. 100 people. (link)
6. "Ecosystem Services and Sustainability". 7-9 July 2014, Murua, Basque Country. 10 international experts in Sustainability Science and Ecosystem Services participated. Paper in *Environmental Research Letters* published as main outcome of the workshop: Pascual, U., Palomo, I., Adams, W., Chan, K., Daw, T., Garmendia, E., Gómez-Baggethun, E., de Groot, R., Mace, G., Martín-López, B., Phelps, J. (2017). Off-stage ecosystem service burdens: A blind spot for global sustainability. *Environmental Research Letters. (link) Focus on Cross-scale Feedbacks in Sustainable Land Management* (link)
7. Klimagune 2014: Opportunities and challenges for rural areas in the context of climate change. Bilbao. Funded by the Basque Government. About 100 participants. 4 Dic. 2014. (link)
8. "Social Equity and Payments for Ecosystem Services". 20-21 Sept 2013. Murua, Basque Country. Spain. Outcome: Paper in BioScience. Pascual, U., Phelps, J., Garmendia, E., Brown, K., Corbera, E., Martin, A., Gomez-Baggethun, E., Muradian, R. (2014). Social Equity matters in Payments for Ecosystem Services. *Bioscience* 64(11): 1027-1036 doi: 10.1093/biosci/biu146 (link) 9. Synthesis of lessons learnt about design of payments for ecosystem services. 13-14 Oct. 2015. Bilbao. Participants included Sven Wunder, Stefanie Engel, Roy Brower and Roldan Muradian.

SCIENTIFIC EVALUATOR OF INTERNATIONAL RESEARCH COUNCILS AND PROGRAMS

- Scientific Evaluator for the European Science Foundation (SNSF). Expert evaluator. 2018-20.
- Scientific Evaluator for the Swiss National Science Foundation (SNSF). Expert evaluator. 2017. o Scientific Evaluator for Swedish Research Council. Member of the evaluation panel of the call *Humanities, social and behavioural sciences*– Tackling climate and environmental changes. 2017
- Scientific Evaluator for the European Research Council. ERC. Member of the evaluation panel SH2 - Institutions, Values, Environment and Space 2018 o Scientific Evaluator for the European Research Council. ERC. Member of the evaluation panel SH2 - Institutions, Values, Environment and Space 2016
- Scientific Evaluator for the Swedish Research Council. Member of the evaluation panel of the call Sustainability and resilience – Tackling climate and environmental changes. 2016
- Scientific Evaluator for Agencia Nacional de Evaluación y Prospectiva (ANEP). Plan Estatal Retos I+D. Ministerio de Economía y Competitividad. España. 2015.

- Scientific Evaluator for the Portuguese Science Foundation (ESF) through the European Science Foundation, 2014 o Scientific Evaluator for the European Science Foundation (ESF) – AXA Research Fund postdoctoral program, 2014
  - Scientific Evaluator for the Serra Hunter program (Catalan Government Research Program). 2014.
- Scientific Evaluator for the Natural Environment Research Council, UK (2013) o Scientific Evaluator for the Economic and Social Research Council. 2013.
- S Scientific Evaluator for the Swedish Research Council FORMAS Expert Panel on Sustainable development in lowincome countries. 2013.
- Scientific Evaluator for the The Norwegian research council. Norwegian National Climate Change Programme – Climate Change impacts and impacts in Norway (NORKLIMA) 2012.
- Scientific Evaluator for the Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (www.formas.se.) 2009-2012 o Scientific Evaluator for the EU Commission Framework Program 7. Biodiversa ERA-net program. (www.biodiversa.org). 2011.
- Scientific Evaluator for the EU Commission Framework Program 7 project evaluator: SCALE project (www.scalesproject.net). 2011.
- Scientific Evaluator for the EU Commission Framework Program 7 (Sub-Activity 6.4.2 "Forecasting methods and assessment tools for sustainable development taking into account differing scales of observation"). (www.euresearch.ch/index.php?id=788) 2010-11.
- Scientific Evaluator for the UK Ecosystems Services for Poverty Alleviation (ESPA) program by the Department of International Development, DFID, Natural and Environmental Research Council (NERC), Economics and Social Science Research Council, ESRC (UK). (www.nerc.ac.uk/research/programmes/espa) 2009-10 o External Examiner to the undergraduate (BSc) and postgradaute (MSc) programs. University of York, Environment Department, UK (2008- 2011) o Scientific Evaluator for the French National Research Agency - Biodiversity Research Program. (www.agencenationale-recherche.fr). 2007-10
- Scientific Evaluator for the for the International Science Foundation (2005-07)

NATIONAL AND INTERNATIONAL SCIENCE-POLICY ENGAGEMENT

- Hearing at the Basque Parliament to evaluate the outcome of the Paris Climate Accord COP21 representing BC3 - Comparecencia en la Comisión de Medio Ambiente y Política Territorial del Parlamento Vasco en representación del BC3. 17/2/2016 http://news.bc3research.org/2016/02/17/707/
- Co-chair and CLA of the Expert Group of the multiple conceptualisations of the diversity of value of biodiversity and ecosystem services. Intergovernmental Panel on Biodiversity and Ecosystem Services (IPBES).
- 3rd Plenary of the Intergovernmental Panel on Biodiversity and Ecosystem Services (IPBES). Bonn (12-17 January, 2015) representing the International Council for Science (ICSU) delegation o Spanish Government delegate in the Intergovernmental Platform on Biodiversity and Ecosystem Services IPBES expert meeting. Guide on policy support tools and methodologies Deliverable 4c 6-8 May 2014. Bonn (Germany)
- Spanish Government Delegate to the expert meeting of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES) to develop the IPBES conceptual framework (nominated by the Spanish ministry of the Environment). 25-26 August, 2013. Cape Town, South Africa.
- 1st Plenary of the Intergovernmental Panel on Biodiversity and Ecosystem Services (IPBES). Bonn (21-26 January, 2013), representing the International Council for Science (ICSU) delegation.
- Author of the Report on the outcome of the expert workshop on main issues relating to the development of a conceptual framework for the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES): Authors: Duraiappah Anantha, Larigauderie Anne, Brondizio Eduardo S., Mace Georgina, Arico Salvatore, Asah T. Stanley, Ash Neville, Baptiste Brigitte, Brooks Thomas, Aillaux Jorge, Dias Sandra, Escobar-Briones Elva G., Eyzaguirre Pablo B., Fischer Markus, Gundimeda Haripriya, Hashimoto Shizuka, Jama Mohamud, Leadley Paul,

Mooney Harold A., Mumby Peter, Nagendra Harini, Nakashima Douglas, Nesshoever Carsten, Nettleton Carino Joji, Pascual Unai, Reyers Belinda, Saito Osamu , Schultz Maria, Spierenburg Marja , Sumaila Rashid, Tallis Heather. UNESCO. Paris. 26-29 October 2012.

- Multi-Stakeholder Dialogue on Payments for Environmental Services/ Remuneration of Positive Externalities. *Gathering evidence on PES and other incentive mechanisms for sustainable land and water management* 12-13

September, 2013. FAO, Rome o Joint Agiculture Food security and Climate Change FACCE– JPI and EU BiodivERsA network strategic expert meeting. 5/3/2013 Paris

- Future Earth Europe Regional Workshop, Paris, 13-14 May 2013. Foundation Simone et Cino Del Duca, Paris.

International Council for Science (ICSU) http://wcrp.ipsl.jussieu.fr/future_earth/index.html o Plenary address to the Presidency of the European Union (Hungary) and European Member State delegates.

"Innovative Financial Mechanisms for Biodiversity Conservation: The role of Payments for Ecosystem Services". Budapest, Hungary. March 2011.

TEACHING ADVANCED COURSES (BESIDES UNIVERSITY LECTURESHIPS)

- "Soil ecosystem services: a social-ecological approach". UPV-EHU Summer School: Theme: "Hacia una estrategia vasca del suelo". Donostia 28 July 2014.
- Advanced/Postgraduate course on Payments for Ecosystem Services. CIHEAM - Instituto Agronómico Mediterráneo de Zaragoza, February 2014.
- III Ecological Economics course. Hacia una economía circular de materiales. UPV-EHU. Basque Country University. 26 October 2015.
- II Ecological Economics course. Las relaciones Norte-Sur desde una perspectiva ecológica. UPV-EHU. Basque Country University. 27 October 2014.
- I Ecological Economics course. Del fin de los combustibles fósiles a la economía solar. UPV-EHU. Basque Country University. October 2013.
- 'The ecosystem service approach to inform the economics of climate change research: Recent developments'. UPV-EHU summer school. Donostia. July 11, 2012.
- I Course on Waste Management. UEU &UPV-EHU. Basque Country University. Eibar. October 2011.
- II Course on Waste Management. UEU &UPV-EHU. Basque Country University. Eibar. November 2012.
- III Course on Waste Management. UEU &UPV-EHU. Basque Country University. Eibar. November 2013.

MANAGERIAL SERVICES

- Member of the Multidisciplinary Expert Panel of IPBES (2015-18)
- Leader of the Climate and Natural Environment Research Line, Basque Centre for Climate Change (2011-)
- Member of the Management Committee of the Basque Centre for Climate Change (2011-)
- Elected Board Member: European Society for Ecological Economics, ESEE. Elected for the terms: (2006-2009 & 2010-2012)

MEMBERSHIP OF SCIENTIFIC ASSOCIATIONS

European Society for Ecological Economics (ESEE), International Society for Ecological Economics (ISEE), European Association of Environmental & Resource Economics (EAERE), International Association of Agricultural Economics (IAAE), UK Agricultural Economics Society (AES), UK Network of Environmental Economists, BIOECON

MEMBERSHIP OF SCIENTIFIC COMMITTEES OF CONFERENCES

- 12th European Society of Ecological Economics, 2017. Budapest, Hungary. Scientific committee member.
- 11th European Society of Ecological Economics, 2015. Leeds, UK. Scientific committee member.
- European Society of Ecological Economics conference, Iceland, 15-16 August, 2014.
- Reviewer for the Global Biodiversity Outlook (fourth edition) GBO-4. 2014.
- Member of the International Review Board of the Inclusive Wealth Report 2012. International Human Dimensions Programme on Global Environmental Change (IHDP), Bonn, Germany.
- 18th European Association of Environmental and Resource Economists. 29 June-2 July. 2011. Rome, Italy.
- 9th European Society of Ecological Economics, 2011: "Advancing Ecological Economics: Theory and Practice" 2011. Istanbul, Turkey.
- 7th European Society of Ecological Economics, 2007: "Integrating Natural and Social Sciences for Sustainability". 58th June 2007, Leipzig, Germany
- 11th Biennial Conference of the International Society of Ecological Economics "Advancing Sustainability in a Time of Crisis". Oldenburg and Bremen, Germany (22 - 25 August 2010)
- 10th Biennial Conference of the International Society of Ecological Economics, 2008: "Applying Ecological Economics for Social and Environmental Sustainability". Nairobi, Kenya, 7-11 August 2008
- 9th International BIOECON Conference. Economics and Institutions for Biodiversity Conservation, Kings College Cambridge, 19-21 September 2007 - 8th International BIOECON Conference. Economic Analysis of Ecology and Biodiversity. Cambridge, UK. 29-30 August, 2006.
- 2nd Spanish Biodiversity Conference. 2011. Granada, June, 2011.
- Spanish Biodiversity Conference. 2013. Bilbao, February, 2011.
- 4th AERNA Conference Spanish-Portuguese Association of Natural Resources and Environmental Economics. Palma de Mallorca. 2-5 June 2010.

SERVICE TO JOURNALS, PUBLISHERS & CONFERENCE ORGANIZATION COMMITTEES

Journal Editorial Board Membership:

- People and Nature (British Ecological Society) (2018-21)
- Global Environmental Change (2013-2016)
- Environment and Development Economics (2008-2013)
- Revista Española de Estudios Agro-sociales y Pesqueros (2008-2014).
- International Journal of Ecology & Development (2008-2011)
- International Journal of Ecological Economics & Statistics (2006-09)

Journal Editor: *Revista Española de Estudios Agrosociales y Pesqueros* (2011); *Ecological Economics* (2010); *Agriculture, Ecosystems & Environment* (2007)

Service as Journal referee:

Journal of Environmental Economics & Management
American Journal of Agricultural Economics
Ecological Economics
Land Economics
World Development
Geographical Journal
Environment and Development Economics
European Journal of Agricultural Economics
Agricultural Economics
Regional Studies
Cambridge Journal of Regions, Economy and Society
journal of Agricultural Economics
Agroforestry Systems
Forest and Policy Economics
Environmental Science and Policy
Global Environmental Change
Land use Policy
Environmental and Resource Economics
Environmental Conservation
Conservation Letters
Ecology & Society
Biological Conservation
AMBIO
Revista Iberoamericana de Economía Ecológica
Latinoamericanist
International Journal of the Commons
Environmental Policy and Governance
Journal of Human Development and Capabilities
The Solutions Journal
Ecological Complexity
Science (2013 and 2014)
Proceedings of the National Academy of Sciences of the USA (2013 and 2014)

Reviewer/evaluator of published books, policy reports and conferences (& book endorsements):

1. "The economics of ecosystem services: lessons from the Brazilian experience" (Carlos Eduardo Frickmann Young). Springer. 2014.
2. "The Handbook of Sustainable Economics". Roberto Bermejo. Springer. 2012.
3. The Inclusive Wealth Report (UNU-IHDP and UNEP) launched at the RIO+20 Earth Summit conference in June 2012.
4. The Economics of Managing Crop Diversity On-farm: Case studies from the Genetic Resources Policy Initiative. By Edilegnaw Wale, Adam Drucker, Kerstin Zander (Eds). Edgar Elgar. 2011
5. "Governing the Environment: Salient institutional Issues". By Albert Breton, Giorgio Brosio, Silvana Dalmazzone and Giovanna Garrone (Eds). Edgar Elgar. 2011.
6. "The Economics of Ecosystems and Biodiversity Ecological and Economic Foundations". Kumar, P (ed). Routledge. 2010.
7. "Fifty years of invasion ecology" by David M. Richardson (Ed). Wiley-Blackwell. 2010.
8. "Agriculture, Biodiversity and Markets: Livelihoods and Agroecology in Comparative Perspective", by Stewart Lockie and David Carpenter (Eds). Earthscan. 2008.
9. "Biotechnology and agricultural development: Transgenic cotton, rural institutions and resource-poor farmers". *By Robbert Tripp (Ed). Routledge. 2008.*
10. "Markets, Seeds and Development", by Leslie Lipper, Leigh Anderson and Timothy J. Dalton (Eds). Earthscan. 2008.
11. "New perspectives on agri-environmental policies: A multidisciplinary and transatlantic approach". By Stephan Goetz and Floor Brouwer (Eds). Routledge. 2007.
12. The Economics of Biodiversity Conservation Valuation in Tropical Forest Ecosystems". By K.N. Ninan. Earthscan. 2007.

PHD SUPERVISOR

Current Students:

1. Giulia Wegner: "A socio-institutional analysis of wildlife conservation in Africa". University of Oxford, co-supervised by David McDonald.
2. Juan Luis Eugenio Martin: "Multicriteria evaluation of sustainable tourism development projects." University of Cambridge. +

Awarded:

3. Dr. Bosco LLiso: Equity and Efficiency of Payments for Ecosystem Services. Basque Centre for Climate Change and University of Osnabrueck. 2019.
4. Dr. Amaia Albizua. Social-Ecological implications of agrarian intensification: The case of modern irrigation in Navarre. Institut de Ciencia I Tecnologia Ambientals. Autonomous University of Barcelona 2016.
5. Dr. Aiora Zabala: Motivations and incentives for pro-environmental behaviour: the case of silvopasture adoption in the tropical forest frontier. University of Cambridge. 2015.
6. Dr. Hiroe Ishihara: Whose value should be valued in Environmental Policy formulation; Power relations and environmental evaluation? University of Cambridge. 2015.
7. Dr. Stella Nordhagen "The value of agrobiodiversity under climate change". University of Cambridge. 2015.
8. Dr. Marta Olazabal: Sustainable Urban Development under Climate Change and Resource Scarcity. University of Cambridge. 2015.
9. Dr. Alexander Rincón: "Coca crops, forests, people and anti-drug policy in Colombia: Towards the understanding of a complex relationship" Universidad Autónoma de Barcelona co-supervised by Joan Martinez Alier. 2012.
10. Dr. Ulf Narloch: "The role of payment for environmental service schemes in agro-ecosystems under Climate Change". University of Cambridge. 2011
11. Dr. Per Stromberg: Markets for Biodiversity Goods and Services. University of Cambridge, University of Cambridge. 2008.
12. Dr. Andres López: The Impact of Government Behaviour on Agricultural Income, Trade and the Environment. University of Cambridge. 2008.
13. Dr. Amani Omer "An Economic Analysis of Interactions between Agriculture and Biodiversity". School of Economic Studies, University of Manchester. 2004.

PHD EXAMINER

1. Dr. Lina Moros Payments for Ecosystem Services in Colombia: discourses, design, and motivation-crowding Universitat Autonoma de Barcelona 3/10/2019
2. Dr. Annika Tienhaara. Benefits of conserving agricultural genetic resources in Finland: Summary of the recent Finnish research and setting it in the international context. Natural Resources Institute, LUKE here in Finland 30/9/2019
3. Dr. Samantha Scholte. The value of nature through an ecosystem service lens: Exploring public perceptions. Free University of Amsterdam, The Netherlands, 23/1/2019.
4. Dr. Ameline Vallet. Tradeoffs between ecosystem services: From landscapes to stakeholders. L'Universite Paris – Saclay AgroParisTech. 11 June 2018.
5. Dr. Itziar Barinaga-Rementeria. Euskal Autonomia Erkidegoko landa eremuen garapena Irizpide Anitzeko ebaluazioararen bidez. Mutrikuko landa eremura aplikatutako analisia. University of the Basque Country. UPV-EHU. 27/4/2018
6. Dr. Sebastien Costedoat. Assessing the effectiveness of Payments for Environmental Services in improving community-based forest conservation in Chiapas, Mexico. Autonomous University of Barcelona. 13/9/2017.
7. Dr. Odirilwe Selomane. Measuring consequences of ecosystem service change for human wellbeing. Faculty of AgriSciences. Stellenbosch University, South Africa. August, 2017.
8. Dra. María Vallejos. Caracterización de sistemas socio-ecológicos en el Gran Chaco: ¿Dónde, cuándo y cómo se transforma el territorio? FAUBA. Facultad de Agronomía. Universidad de Buenos Aires. Argentina. 28 March, 2017.

9. Dr. Brendan Coolsaet. Farming justice. Rights-based approaches to collective agrobiodiversity conservation. Universite Catholique de Louvain. Private Defence 25 Oct. 2016 & Public Defence 29 November 2016.
10. Dr. Thu Ha Dang Phan. Payments for Ecosystem Services: Global and local assessments of costs and benefits. Free Univesity of Amsterdam. Amsterdam, The Netherlands. 16th September 2016.
11. Dr. Mirene Begiristain. *Nekazaritza ekologikoko elikagaien banaketa politikaren kudeaketa iraunkorra: Adierazle sistema holistiko agroekologikoaren proposamena*. Ekonomia eta Enpresa Zientzien Fakultatea. Finantza Ekonomia II saila. Donostia-San Sebastian. 8 January 2016.
12. Dr. Insa Flachsbarth. *A multi-scale analysis of transforming agricultural markets in the context of globalization: implications for natural resources, food prices and rural poverty in Latin America*. Universidad Politécnica de Madrid. 20 November 2015. Member of examination panel.
13. Dr. Khandaker M.A. Munim. *Salinity intrusion and food security. Evidence from three food systems in South Western Bangladesh.* University of Leeds, 5 June 2013. External Examiner.
14. Dr. Maria Jesus Beltran: *Del metabolismo social al metabolismo hídrico: conceptos y aplicaciones*. Universidad Pablo de Olavide. 2012. Examiner for European PhD degree.
15. Dr. Federica Ravera. *Which future for semi-arid socioecological systems? Anticipatory learning for climate change adaptation in Northern Nicaragua*. Universidad Autonoma de Barcelona. 2011. Examiner for European PhD degree.
16. Dr. Melina Barrio. Economics. *Assessment and management of Galician ecosystems: new frontiers and applications.* University of Santiago de Compostela, Spain. 2010. Chair of examination panel.
17. Dr. Eduardo Garcia Frapolli: *Conservation from Below: Socio-ecological Systems in Natural Protected Areas in the Yucatan Peninsula, Mexico*. Universidad Autónoma de Barcelona. 2006. Member of examination panel.
18. Dr. Tiziano Gomiero: *Multi-Objective Integrated Representation (MOIR): an Innovative Tool for Farming System Analysis*. Universidad Autónoma de Barcelona. 2005. Member of examination panel.
19. Dr. Anke Leroux: *Optimal Conservation under Ecological Risk and Uncertainty: A Dynamic Analysis.* Land Economy Department. University of Cambridge. 2005. Internal examiner.
20. Dr. Mauricio Villena: *Economics, Institutions and the Environment: An Evolutionary Approach to the Problem of Cooperation in Local Commons*. University of Cambridge. 2004. Internal examiner.

INVITED TALKS AND KEYNOTES

1. Mind the gap: The role of relational values in agri-environmental programs. Cambridge Conservation Initiative. 19/9/2019. Cambridge University, Cambridge,, UK.
2. The importance of the IPBES Global Assessment in the current economic context. Institut dÉsudies Catalans. Barcelona. 21/6/2019.
3. A synthesis of the main results of the IPBES Global Assessment. Fundacion Biodiversidad, Madrid. 19/6/2019
4. Values, where art you? Centre for Development and Environment, University of Bern, Bern, Switzerland. 7/11/2018.
5. The environmental justice implications of addressing "off-stage burdens" in ecosystem assessments. Keynote at workshop on "Environmental Justice in Governing Telecoupled Systems". University of Bern, Bern, Switzerland. 7/11/2018.
6. Recognizing the diversity of the values of nature: The key for sustainability. Conviure amb la diversitat dels valors de la natura: la clau per a la sostenibilitat. Red de Custodia del Territorio. Institut dÉsudies Catalans. Barcelona, 6/11/2018. (opening keynote)
7. Nature's contributions to people and ecosystem services for human well-being. What is the difference? . ATREE. Bangalore. 5 October 2018.
8. Nature's contributions to people for a good quality of life: Theory, evidence and policy implications. Addis Abeba. 4 June 2018.
9. The evolution of ecosystem services framing. Ecosystem Services for Poverty Alleviation (ESPA) Annual Science Conference – Eight years of sustainability. Edinburgh. 29/112017. (link)

10. Understanding motivations for stewardship: Relational values across scales. Plenary keynote at the Resilience Conference.: Resilience Frontiers for Global Sustainability. Stockholm, Sweden. 22/8/2017.
11. Valuing nature's contributions to people: A long road from pluralistic framing to policy impact. Plenary Keynote at the Conference of the European Society for Ecological Economics (ESEE. Budapest, Hungary 22/6/2017 (link)
12. Global sustainability through the ecosystem services lens: are we missing something? Invited seminar at the International Environment and Development Studies (IEDS) de la Norwegian University of Life Sciences (NMBU), Norway. 14/6/2017
13. Reflexiones sobre el papel de la ciencia ante la pérdida global de la biodiversidad. Universidad de Jaén. Jaén. 25/4/2017. Keynote.
14. Diverse conceptualization of values: the IPBES approach. Intergovernmental platform on biodiversity and ecosystem services IPBES. 5th Plenary. Stakeholder day. Bonn. Germany. 6 March 2017.
15. Ecological economics as a necessary tool for a just transition amidst an intertwined economic and ecological crisis (In Basque: Ekonomia ekologikoa: Krisi ekonomikoa eta ekologikoaren aurrean, justiziazko trantsizio baterako beharrezko tresna). Zabalik Elkartea. Donapaleu Saint Palais. Behe Nafarroa. France. 16/2/2017.
16. Nature's contributions to people (NCP): Evolution of concepts and categories, and a system for reporting in the context of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES). Capacity development writing workshop for IPBES experts from Central Europe, Eastern Europe and Central Asia, Antalya, Turkey. 30/1/2017.
17. Nature's contributions to people (NCP): Evolution of concepts and categories, and a system for reporting in the context of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES). 1st IPBES Fellows meeting. Bilbao, 18/1/2017.
18. Planetaren Ekonomia: Klima aldaketaren erronka eta gako batzuk. Jakiunde Academia de las Ciencias de Euskadi. University of Deusto. 13-1-2017.
19. Los retos de la agricultura ante el reto Global del cambio climático. Jornada sobre Agricultura y Ganadería en Transición. Museo Artium. Diputación Foral de Álava. Vitoria-Gasteiz. 14/12/216
20. Power relations in mainstreaming biodiversity. 3rd International science for biodiversity forum: Mainstreaming Biodiversity for wellbeing: Contributions form Science. Convention of Biological Diversity. Cancun, Mexico. 1/12/2016. http://cop13.mx/en/sciencefor-biodiversity-forum/meet-the-speakers/
21. El papel del marco de los servicios ecosistémicos en el largo viaje hacia la sostenibilidad. XII Jornada CREAF SCB ICHN 8/4/2016.
22. The value of nature's contributions to people: The IPBES approach. 3rd International science for biodiversity forum: *Mainstreaming Biodiversity for well-being: Contributions form Science. Convention of Biological Diversity .Cancun, Mexico. 2/11/2016*
23. *Quo Vadis* PES? Equity and Efficiency in Payments for Ecosystem Services.. Seminar series on *Biodiversity, Environmental Justice and innovative public policy* . Université Catholique de Louvain. Belgium 29/11/2016
24. "Suarekin Jolasean – Jugando con fuego: El cambio climático a debate". Keynote. Zigoitia Council. 21/12/2015
25. "Long walk to sustainable development: A stop over in the ecosystem services framework". CREAF, la Societat Catalana de Biologia (SCB) & la Institució Catalana d'Història Natural (ICHN). Institut de Estudies Catalans. Barcelona, 18/11/2015.
26. "The need for valuation of ecosystem services and biodiversity for policy making under climate change". Les Scenarios de la Biodiversite a L'heure du Changement Climatique. Foundation pour la Recherche sur la Biodiversite (FRB). IPCC and IPBES experts. Paris. 1 October 2015. Keynote.
27. "Using framed field experiments to unravel motivations for collective action: An example of Payments for Ecosystem Services for agro-biodiversity conservation". Workshop on Comparative (Framed) Field Experiments on the Environment (COFFEE). Universitat Autonoma de Barcelona. Barcelona, 18-20 May 2015.
28. "Social equity in environmental governance and why it matters". International Institute for Environment and Development, IIED. London, 26-27th March, 2015.

29. "Payments for Ecosystem Services for biodiversity conservation through collective action: A Network approach". Atelier Reseaux Trophiques 2 (ART2) - 'Reconciling social, economic and ecological complexity in agroecosystems'11-12th February, 2015. AgroNaples INRA. Paris, France.
30. "To value or not to value? That is not the question".Comisión Nacional para el Conocimiento y Uso de la Biodiversidad (CONABIO). Mexican Government. Mexico City, 22 January 2015.
31. "Can we save agrobiodiversity by paying farmers? Insights from a field experiment in the Andes?" 3rd International Conference on Biodiversity and Food Security – From Trade-offs to Synergies. Aix en Provence. 29-31 October, 2014.
32. "Diversitas contribution to policy, assessment and observations". Diversitas Celebration. Sevilla 30 Sept 2014. Sevilla. Spain.
33. "Equity matters in Payments for Ecosystem Services". Keynote at the international workshop on "Payments for environmental services: new panacea or auxiliary for environmental management? PESMIX workshop. CIRAD. Montpellier, France. 11-13 June 2014.
34. "Socio-economic dimensions of biodiversity conservation initiatives in agricultural landscapes" Keynote at the international workshop on "Biodiversity and resilience of agroecosystems". CIRAD, Montpellier, France March 7-8, 2013.
35. "What is the value of soil biodiversity?" Keynote. 4th Conference of Biodiversity of Spain. February 6-8, 2013.
36. Cost-benefit analysis and the provision of ecosystem services: A justice critique. Just ecosystem Management. Ecosystem Services and Poverty Alleviation Programme, UK. University of East Anglia. Norwich 29-30 Oct, 2012.
37. Cost-benefit analysis and the provision of ecosystem services: A justice critique. Social justice and Ecosystem Services. Ecosystem Services and Poverty Alleviation Programme, UK. London 1 Nov 2012.
38. Social-ecological aspects of in situ agrobiodiversity for adaptation and resilience: institutions and policies. Consultative Group of International Agricultural Research (CGIAR). Montpellier, France. July 24, 2012
39. 'The ecosystem service approach to inform the economics of climate change research: Recent developments'. UPV-EHU summer school. Donostia July 11, 2012.
40. "Economía y Medio Ambiente" Instituto Geográfico Vasco INGEBA. Donostia-San Sebastian. May 2, 2012.
41. "External Rewards for Conservation Affect Collective Action? Experimental Insights from the Andes". Institut de Ciencia I tecnologia ambientals. Universitat Autonoma Barcelona. Barcelona. April 16, 2012.
42. "External rewards for biodiversity conservation in agricultural landscapes and collective action: friends or foes?" School of International Development. University of East Anglia, Norwich. 26 March, 2012.
43. "Agrobiodiversity in support of sustainable agricultural intensification and livelihood resilience". Panel member. 2nd Resilience 2011 Conference. Tempe, Arizona, USA. March 2011.
44. "The economy of soil biodiversity and ecosystem services: Valuation, Resilience and Policy Instruments" Plenary talk, EcoFINDERS - EU Framework Programme 7 project workshop. Dijon, France. February, 2011.
45. "Valuation and justice in ecosystem management". Ecosystem Services and Poverty Alleviation (ESPA). University of East Anglia, Norwich, UK. January 2011.
46. "Payment for Ecosystem Services: Towards and implementation strategy". International Academy of Nature Conservation Isle of Vilm, Germany. December 2010.
47. "Agrobiodiversity, resilience and economics" Diversitas International. Climate Change Agriculture and Food Security Program of the Consultative Group of International Agricultural Research (CGIAR). San Cristobal de las Casas, Chiapas, Mexico. November, 2010.
48. *"In Situ* Crop Genetic Resources (CGR) Conservation Goal Identification". UN-Food and Agriculture Organization (FAO), Rome, Italy. November, 2010.
49. "The value of ecosystem services in agriculture in the UK". UK National Ecosystem Assessment workshop. London, UK. September, 2010.
50. "Biodiversity and Ecosystems Services Framework for Cost Benefit Analysis: Recommendations from TEEB". European Commission. Environment Directorate General Environment: Brussels, Belgium. June 2010.
51. "Forest-agriculture frontiers: impacts of land-use transitions on livelihoods and environment in the humid tropics". Global Land Use Program (GLP). Vientiane. Lao People Democratic Republic. November, 2009.

52. "Economic instruments for agrobiodiversity conservation". Bioversity International Workshop. Puno, Peru. September 2009.
53. "The Economics of Ecosystem Services and Biodiversity, TEEB". European Joint Research Centre, Ispra, Italy. July 2009.
54. "Payment for Agrobiodiversity Conservation Services". M.S. Swaminathan Research Foundation. Chennai, India. May 2009.
55. "Relationship on Ecosystem Services and Biodiversity: Implications for Economic Analysis". European Commission, Natural and Environmental Research Council, Centre for Population Biology, UK. April, 2009.
56. "Sub-global Assessment of *Satoyama* and *Satoumi* in Japan". United Nations University Institute of Advanced Studies (UNU-IAS). Kyoto, Japan. March, 2009.
57. "Payment for Ecosystem Services: can we think of PES for agriculture?" Bioversity International. Rome, Italy. February 2009.
58. "The Foundations of the Economics of Ecosystems and Biodiversity". University ZEF, Bonn. January, 2009.
59. "Investing in agrobiodiversity for sustainable livelihoods". Divesitas International. San Cristobal de las Casas (Mexico). November, 2008.
60. "The economics of agrobiodiversity loss under climate change". University California Davis, Davis, USA. April. 2008.
61. Scale effects and impacts of organic farming on farm resource use and economic performance. RELU, UK. March, 2008.
62. "Nippon Science Assessment Panel (NSAP) Meeting for the Sub-global Assessment of Satoyama and Satoumi in Japan". United Nations University, Yokohama. Japan. November, 2007.
63. "Modelling agricultural liberalization and poverty in Mexico". Department of Economics, University of the Basque Country. Bilbao, Spain. May, 2007
64. "The economics programme of Bioversity International", Rome, Italy. January 2007
65. Modelling shifting cultivation and livelihood diversification. DepT, University College London, UK. 2006.
66. Economics of biodiversity loss across agricultural intensification gradients. International Centre for Agroforestry Research Workshop. Sumatra, Indonesia. 2006.
67. "The sustainable livelihoods framework: A new consensus for a policy research agenda?" Cambridge Environment Initiative Workshop, University of Cambridge, UK. 2006.
68. "Integrated analysis of scale effects in alternative agricultural systems". Sheepdrove, UK. May 2006.
69. "The economics of slash-and-burn and poverty in Latin America". Universidad Pública de Navarra, UPNA. Facultad de Economía. Pamplona, Spain. 2005
70. "The link between rural poverty and off-farm labour diversification by small peasant households in Mexico". Universidad Autónoma de Barcelona. Barcelona, Spain. 2005.
71. "Greening Agriculture through agrobiodiversity" Diversitas International. Paris, France, February 2005.
72. "Greening Agriculture: Biodiversity conservation during agricultural transitions towards Sustainability", Diversitas International. Alexandria, Egypt. May 2004.
73. "Land degradation and development in Mexico". Universidad Autónoma de Barcelona. Spain. 2004.
74. "An econometric model of off-farm labour and land degradation in Mexico", School of Economic Studies, University of Manchester, UK. 2003.
75. "Revisiting the ecological-economic efficiency of shifting cultivation systems in the tropics", Centre for Comparative Perspectives, Yale University, Yale, USA. 2001.
76. "Ecological-economic modelling of slash-and-burn agriculture". Seminar. Centre for Development Research (ZEF), University of Bonn. Bonn, Germany. 2001.
77. "The economics of deforestation and soil degradation in Mexico". Inter-American Institute for Global Change. Mérida, Mexico. 2000.
78. "Biodiversity conservation and economic development. Some thoughts and bolts". 1st Biodiversity and Economic Development Symposium. Merida, Mexico. 1998.

79. Peasant economics and soil degradation in developing countries. Basque University summer school, Pamplona, Spain. 1998.

CONFERENCES

1. "Disentangling landusers' perspectives for the adoption of silvopastoral practices: lessons for targeting conservation payments in the tropical forest frontier. International Society for Ecological Economics. (ISEE). Rio de Janeiro June 2012. (with Aiora Zabala and Luis Garcia Barrios).
2. "Postulates of urban resilient sustainability transitions: a cross-disciplinary approach". International society for ecological economics. (ISEE). Rio de janeiro june 2012. (with Marta Olazabal).
3. "The role of PES for agrobiodiversity conservation: Some lessons from the Andes". 2nd International Resilience conference. Phoenix, Arizona, USA. March 2011 (with U. Narloch and A. Drucker).
4. Social Preferences in Conservation under External Rewards and the Role of Group Heterogeneity and Market Orientation: Experimental Evidence from the Andes. Sustaining Commons: Sustaining Our Future, the Thirteenth Biennial Conference of the International Association for the Study of the Commons. Hyderabad, India. January 10-14 (with U. Narloch and A. Drucker). http://dlc.dlib.indiana.edu/dlc/handle/10535/7372
5. "Agrobiodiversity in support of sustainable agricultural intensification and livelihood resilience: Exploring the potential for innovation across eight benchmark sites" 2nd International Resilience conference. Phoenix, Arizona, USA. March 2011 (with Pulleman, M. Jackson, L., Brussaard, L., Bawa, K., Brown, G., Cardoso, I., de Ruiter, P., Garcia-Barrios, L., Hollander, A., Lavelle, P., Ouedraogo, E., Pascual, P., Setty, S., van Noordiwijk, M.)
6. "Technical efficiency of multi-output farming: biodiversity, yield and profit". 5th ORC Conference. January 2011. UK. (with Schmutz, U., B. Pearce, and D. Rigby)
7. "Pro-social behaviour under external rewards: Experimental evidence from farming communities in Peru and Bolivia". 11th conference of the International Society of Ecological Economics (ISEE) Oldenburg/Bremen, Germany, August 2010. (with U. Narloch and A. Drucker).
8. "The interactions of collective action, property rights and payments for agrobiodiversity conservation services: Illustrating institutional dynamics in the Peruvian and Bolivian Andes". 11th conference of the International Society of Ecological Economics (ISEE) Oldenburg/Bremen, Germany, August 2010. (with U. Narloch and A. Drucker).
9. The economics of agro-biodiversity conservation in developing countries: some nots and bolts 7th International conference developments in economic theory and policy. Faculty of Economics, University of the Basque Country UPV-EHU). Bilbao, July 2010. (with U. Narloch and A. Drucker).
10. Evolution of Land Conservation Policy 14th Conference of the International Consortium on Agricutlural Biotechnology Research (ICABR). Ravello, Italy, June 2010 (with D. Colman and I. Hodge).
11. "Payment for agrobiodiversty conservation services: Creating incentive mechanisms for the sustained on-farm utilization of plant and animal genetic resources", 11th BIOECON meeting, Venice. September 2009 (with U. Narloch and A. Drucker)
12. "Channeling Consumption Preferences for Co-existence of Landrace and Modern Varieties In-Situ" International Association of Agricultural Economics. Beijing, China, August 2009. (with V. Krishna and D. Zilberman)
13. "Agrobiodiversity and livelihood diversification under climatic risk: lessons from eastern Ethiopia". 17th Annual conference of the European Association of Environmental Economists. Amsterdam, July 2009 (with U. Narloch)
14. "Potentials of green consumerism for landrace conservation: evidence from eggplant production sector of India" 10th BIOECON meeting, Sydney Sussex College, Cambridge. September 2008 (with V. Krishna and D. Zilberman)
15. "Revisiting the relationship between equity and efficiency in PES" International Association of Ecological Economics. Nairobi Kenya. August, 2008 (with R. Muradian, L.C. Rodríguez).
16. "Revisiting the role of social capital in managing the commons: a social-ecological critique" International Association for the Study of the Commons. Cheltenham, UK. July 2008. (with H. Ishihara).
17. "An empirical analysis of ex-situ conservation of microbial diversity". 9th BIOECON meeting, Kings College, Cambridge. September 2007. (with P. Stromberg and T. Dedeurwaerdere)

18. "Analysing the Impact of Inspections and Enforcement on Industrial Water Pollution in Laguna de Bay, Philippines". European Association of Environmental and Resource Economists. Thessaloniki, Greece.. June 2007. (with Lourdes Montenegro and Maria Teresa Ruiz-Tagle)
19. "Risk and latency of arsernicosis from groundwater contamination in Bangladesh" International Association of Ecological Economics. Delhi, India. December 2006. (with D. Maddison, E. Field and Z. Choudury)
20. "Biodiversity and Productivity in Intensive Arable Systems. World Conference of the Association of Environmental and Resource Economists, Kyoto, Japan. June 2006. (with N.P. Russell and A. Omer)
21. "Agrobiodiversity and local institutions: A case study of Ucayali, Peru". International Congress on Ecosystem Services in the Neotropics: State of the art and future challenges. Valdivia, Chile. November 2006 (with P. Stromberg).
22. "Biodiversidad agraria e instituciones a nivel local". VII Congreso Latino-Americano de Sociología Rural, Quito, Ecuador ALASRU (Asociacion Latinoamericana de Sociologia Rural). November 2006 (with P. Stromberg).
23. "Optimal Productivity Adjustment and Biodiversity Conservation in Intensive Agriculture". June 2006. Paris, France, March 2006. (with N.P. Russell and A. Omer)
24. "Biodiversity and Productivity in Intensive Arable Systems. BIOECON meeting. Kings College, Cambridge, June 2006. (with N.P. Russell and A. Omer).
25. "The economics of biodiversity in agricultural landscapes". DIVERSITAS First Open Science Conference. Oaxaca, Mexico. November 2005. (with C. Perrings)
26. "Trading microbes: the Public-Private Borderland" DIVERSITAS First Open Science Conference. Oaxaca, Mexico, November 2005.
27. "The Economics of Biodiversity Conservation in Agricultural Transition" European Association of Agricultural Economists. Copenhagen, Denmark, August 2005. (with N.P. Russell and A. Omer).
28. "The stake of contract uncertainty in bioprospecting" BIOECON meeting. Kings College, Cambridge. September 2005. (with P. Stromberg)
29. "Bioprospecting contracts under legal and institutional uncertainty" European Society of Ecological Economics. Lisbon, Portugal, June 2005. (with P. Stromberg)
30. "Evaluating the validity of the Benefit Transfer approach: The case of manatee protection in Florida and Puerto Rico" " European Society of Ecological Economics. Lisbon, Portugal. June 2005 (with G. García and A. Kontoleon).
31. "Biodiversity prospecting in tropical India: Estimating an optimal compensation for indigenous knowledge holders" International Society of Ecological Economics (ISEE), Montreal, Canada. July 2004. (with V. Krishna)
32. "Peasant communities' cultural domain and the local use-value of plant resources: the case of Opuntia scrublands in Ayacucho, Peru" International Society of Ecological Economics (ISEE), Montreal, Canada. July 2004 (with L.C. Rodríguez).
33. "Land clearance and social capital in mountain agro eco system: the case of Opuntia scrublands in Ayacucho, Peru" International Society of Ecological Economics (ISEE), Montreal, Canada. July 2004. (with L.C. Rodríguez)
34. "The Porter Hypothesis – An exemplar for a new age of environmentalism" International Society of Ecological Economics (ISEE), Montreal, Canada. July 2004. (with W. Konchak)
35. "Biodiversity prospecting in tropical India: Estimating an optimal compensation for indigenous knowledge holders" BIOECON meeting, Kings College, Cambridge, September 2004. (with V. Krishna)
36. "Modelling land degradation in low-input agriculture: The 'Population Pressure Hypothesis' revisited". International Association of Agricultural Economists (IAAE). Durban, South Africa. August 2003 (with E.B. Barbier)
37. "Does Loss of Biodiversity Compromise Productivity in Intensive Agriculture?" International Association of Agricultural Economists (IAAE). Durban, South Africa. August 2003 (with N. Russell and A. Omer)
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