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Department of Land Economy
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VITAE

- 2003-: Lecturer, Department of Land Economy, University of Cambridge and Fellow/Director of Studies in Land Economy at Homerton College, Cambridge.
- 2001-03: Lecturer/Associate Professor, School of Economic Studies (University of Manchester)
- 2002: Ph.D. Environmental Economics (University of York)
- 1998: MSc Environmental Economics (University of York)
- 1996: BA Economics, Faculty of Economics (University of the Basque Country, Bilbao)

PRIZES AND AWARDS

- 2008: Honorary Fellow (Bioversity International)
- 2003: KM Stott Prize for the best PhD in Environmental Economics. University of York. UK
- 1998: Four year funding to undertake research in environmental economics by the University and Education ministry of the Basque Country

RESEARCH PROJECTS

- 2009-2011 Payments for ecosystem services from agrobiodiversity. Bioversity International. Rome. PI (60k GBP).
- Payment for Agrobiodiversity Conservation Services (PACS) and implications for collective action and property rights (CGIAR Systemwide Program on Collective Action and Property Rights – CAPRI) (US\$ 150k)
- 2008: Novel ecological Economics approaches to Payments for Ecosystem Services. UNEP. Nairobi. PI.
- 2008: Vulnerability and agrobiodiversity in southern Ethiopia. FAO. PI. Rome (US 10k).
- 2005-09: An integrated analysis of scale effects in alternative agricultural systems; RELU (ESRC/BBSRC/NERC); (800k GBP). CI.
- 2004-05: Building capacity to investigate the potential role of sustainable intensification in agro-ecological systems; RELU (ESRC/BBSRC/NERC), RES-224-25-0095 (50k GBP). CI.

COMMITTEES and EDITORIALS

- Elected Member of the Board of the European Society of Ecological Economics (2006-09)

- Member of the Scientific Committee on AgroBIODIVERSITY of DIVERSITAS (2006-09)
- Member of the Nippon Science Assessment Panel (NSAP) for the Sub-global Assessment (SGA) of *Satoyama* and *Satoumi* in Japan (2007-2010)
- Member of the Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning Formas' Standing Expert Committee "A Rich Natural Environment" (2009-2010)
- Scientific Adviser for the International Foundation for Science (IFS) (2005-)
- Member of the Roster of experts to the Scientific and Technical Advisor Panel (STAP) to the Global Environmental Facility (World Bank and United Nations Environmental Programme).
- Co-director of the Environment and Policy Research Group, University of Cambridge.
- Associate senior researcher at Centre for Law & Economics for Environment & Development (C-LEED), University of Cambridge; and the Centre for Agriculture, Food and Resource Economics (CAFRE), University of Manchester.
- External examiner. Environment Department, University of York (2008-11)
- Member of CLAs of the TEEB D0 report. The Economics of Ecosystems and Biodiversity (2009)
- Regular member of: International Society of Ecological Economics, European Association of Environmental Economics, International Association of Agricultural Economics, BIOECON
- Conference Scientific Committee member: European Society of Ecological Economics, International Society of Ecological Economics. BIOECON, Spanish Association of Environmental and Natural Resource Economists
- Associate Editor of the following journals: *Environment and Development Economics* (2008-2011); *Spanish Journal of Agricultural & Fisheries Studies* (2008-11). *International Journal of Ecological Economics & Statistics* (2006-09), *International Journal of Ecology & Development* (2008-2011); guest editor of *Agriculture, Ecosystems & Environment* (2007)
- Referee: *American Journal of Agricultural Economics*, *Journal of Environmental Economics and Management*, *American Journal of Agricultural Economics*, *European Journal of Agricultural Economics*, *Land Economics*, *Ecological Economics*, *Environment and Development Economics*, *World Development*, *Journal of Agricultural Economics*, *Geographical Journal*, *Regional Studies*, *Forest and Policy Economics*, *Agroforestry Systems*, *AMBIO*, *Environment Conservation*, *Conservation Letters*, *Ecology and Society*, *Revista Iberoamericana de Economía Ecológica*, *Latinoamericanist*.
- Referee for competitive research projects for: Biodiversity research program of the French National Research Agency (2007); Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (2009).

OTHER TEACHING EXPERIENCE

2007: Guest lecturer in environmental Economics (PhD level): University of the Basque Country & Autonomous University of Santo Domingo (Dominican Republic.). 2004-07: Lecturer at the University of Deusto, Bilbao, Basque Country. 2004: Lecturer at the Universidad Autónoma de Barcelona, Catalonia. 2001: Lecturer at the National University of La Pampa, Argentina. Visiting scholar: 2000: Economics and Finance department, University of Wyoming, USA. 1998: Natural Tropical Resource Conservation and Management department, Autonomous University of Yucatán, Mexico.

PhD SUPERVISOR

Doctored

1. Dr. Amani Omer (University of Manchester, doctored 2004)
2. Dr. Andres López (University of Cambridge, doctored September 2008)
3. Dr. Per Stromberg (University of Cambridge, doctored July 2009)

Current students

4. Ulf Narloch (University of Cambridge, current PhD student)
5. Hiroe Ishihara (University of Cambridge, current PhD student)
6. Juan Luis Eugenio-Martín (University of Cambridge, current PhD student)
7. Stella Nordhagen (University of Cambridge, current PhD student)
8. Alexander Rincon (Autonomous University of Barcelona, current PhD student)
9. Giulia Wegner (University of Oxford, current PhD student)

CONSULTING ON ENVIRONMENT & DEVELOPMENT

UNEP (www.UNEP.org), UN-WCMC (www.unep-wcmc.org), FAO (www.FAO.org), ERM (www.ERM.com), NAIDER (www.NAIDER.com), IKT (www.IKT.es), LABEIN TECNALIA (www.labein.es), IHOBE (www.IHOBE.net)

PUBLICATIONS

Peer reviewed articles

1. Pascual, U. and Martínez-Espiñeira, R. (2009). The effect of environmental change and price policies on livelihoods in tropical agroforestry systems. *Journal of International Development*. 21(3): 433-446. ([link](#))
2. Ishihara, I and Pascual, U. (2009) Social capital in community level environmental governance: A critique. *Ecological Economics* 68(5): 1549-1562. ([link](#))
3. Omer, A., Pascual, U. and Russell, N.P. (2007). Biodiversity conservation and productivity in intensive agricultural systems. *Journal of Agricultural Economics*. 58(2): 308-329. ([link](#))
4. Pascual, U. and Perrings, C. (2007). Developing incentives and economic mechanisms for in-situ biodiversity conservation in agricultural landscapes. *Agriculture, Ecosystems and the Environment*. 121: 256–268. ([link](#))
5. Jackson, L.E. Bawa, K.S., Brussaard, L., Pascual, U. and de Ruiter, P. (2007). Biodiversity in agricultural landscapes: Investing without losing interest. *Agriculture, Ecosystems and the Environment (editorial)*. 121:193-195. ([link](#))
6. Jackson, L., Bawa, K., Brussaard, L., Pascual, U., Perrings, C., de Ruiter, P. (2007). ‘Agrobiodiversity’. In: Levin, S. (Ed), *Encyclopaedia of Biodiversity*, v(5): 1-13. Elsevier. ([link](#))
7. Jackson, L.E. Pascual, U. and Hodgkin, T. (2007). Utilizing and conserving agrobiodiversity in agricultural landscapes. *Agriculture, Ecosystems and the Environment*. 121: 196-210. ([link](#))
8. Pascual, U. and Barbier, E.B. (2007). On price liberalization, poverty and shifting cultivation: An example from Mexico. *Land Economics*, 83(2):192-216 ([link](#))
9. Perrings, C., Jackson, L., Bawa, K., Brussaard, L., Brush, S., Gavin, T., Papa, R., Pascual, U., de Ruiter, P., 2006. ‘Biodiversity in agricultural landscapes: Saving natural capital without losing interest’, *Conservation Biology*, 20(2): 263–264. (editorial, [link](#))
10. Pascual, U. and Barbier, E.B. 2006. “Deprived Land-Use Intensification in Shifting Cultivation: The Population Pressure Hypothesis Revisited”, *Agricultural Economics*, 34: 155-165. ([link](#))

11. Pascual, U. and Martínez-Españeira, R. (2006). Second-best policy options against poverty and environmental degradation in forest based agricultural systems. *Economía Agraria y Recursos Naturales*, 12:121-144. ([link](#))
12. Rodríguez, L.C., Pascual, U. and Niemeyer, H.M. 2006. 'Peasant communities' cultural domain and the local use-value of plant resources: the case of Opuntia scrublands in Ayacucho, Peru', *Ecological Economics*. 57: 30-44. ([link](#))
13. Pascual, U. and Konchak, W. 2006. 'Changing paradigms for a co-evolutionary environmental limit discourse', *Environmental Science and Policy* 9(1):10-21. ([link](#))
14. Pascual, U. 2005. 'Land-use intensification potential in slash-and-burn farming through improvements in technical efficiency', *Ecological Economics*. 52:497-511. ([link](#))
15. Rodríguez, L.C., Pascual, U. 2004. 'Land clearance and social capital in mountain Agro-Ecosystems: The case of Opuntia Scrubland in Ayacucho, Peru'. *Ecological Economics*. 49: 243-252. ([link](#))
16. Pascual, U. 1998. 'Peasant economics and soil degradation' UZTARO, Social Science Journal, 35, pp: 19-31 (in Basque).

Books

1. Pascual, U., Shah, A., and J. Bandyopadhyay (2009): 'Water, Agriculture and Sustainable Well-being'. Oxford University Press, New Delhi. ISBN: 0198061757 ([link](#))
2. Kontoleon, A., U. Pascual, and M. Smale (2009): 'Agrobiodiversity Conservation and Economic Development'. Routledge, Abingdon, UK. ISBN: 978-0-415-46505-2 (hardback) 978-0-203-89012-7 (electronic) ([link](#))
3. Kontoleon, A., U. Pascual, and T. Swanson (2007): 'Biodiversity Economics'. Cambridge University Press, Cambridge, UK. ISBN-13: 9780521866835. ([link](#))

Contributions in books

1. Omer, A., Pascual, U. and Russell, N.P. (forthcoming). The contribution of biodiversity to modern intensive farming systems. In Stewart Lockie and David Carpenter ed: "Agriculture, Biodiversity and Markets: Livelihoods and Agroecology in Comparative Perspective". Earthscan.
2. Pascual, U. and Rigby, D. (in press). 'Values and Limits: Debates within Environmental Economics' (in Allington and McCombie, eds): "Cambridge Essays in Applied Economics" Chapter 9. Cambridge University Press.
3. 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. 978-0-19-954796-8.
4. 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. 978-0-19-954796-8.
5. 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. 978-0-19-954796-8.
6. 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.
 7. 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.
 8. Omer, A., Pascual, U. and Russell, N.P. (2007). 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. (Reprint).
 9. Rodríguez, L.C., Pascual, U., Niemeyer, H.M (2008). 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. (Reprint)
 10. 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 (reprint).
 11. 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.

Research Reports

- Jackson, L., Bawa, K., Pascual, U., Perrings, C., 2005. ‘AgroBIODIVERSITY: A new science agenda for biodiversity in support of sustainable agroecosystems’, DIVERSITAS report No. 4. Paris, France, 40 pp.
- Kontoleon and Pascual (2007). *Incorporating Biodiversity into Integrated Assessments of Trade Policy in The Agricultural Sector. Volume II: Reference Manual. Chapter 7. Economics and Trade Branch Division of Technology, Industry and Economics United Nations Environment Programme. Geneva, Switzerland.*

Invited seminar and workshop presentations

2009: Bioversity International; 2008: University College Davis, US; 2007:, Department of Economics, University of the Basque Country. 2006: Department of Economics, University College London. 2005: Economics Department, Public University of Navarra; Environment Department, Autonomous University of Barcelona. 2004: DIVERSITAS: Alexandria, Egypt; Department of Applied Economics: Autonomous University of Barcelona; 2003. Department of Land Economy, University of Cambridge, UK. 2001: Centre for Comparative Perspectives, Yale University, New Haven. 2000: Centre for Development Research (ZEF), University of Bonn, Germany; Inter-American Institute for Global Change Research workshop. Mérida, Mexico.