

Dr. UNAI PASCUAL

Currículum Vitae

CURRENT CONTACT DETAILS

University of Cambridge
Department of Land Economy
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PERSONAL INFORMATION

Date of birth: April 2nd, 1973
Place of birth: Vitoria (Basque Country)
Citizenship: European

VITAE

- 2003-: Lecturer (assistant professor), Department of Land Economy (University of Cambridge)
2001-03: Lecturer (assistant professor), School of Economic Studies (University of Manchester)
2002: Ph.D. Environmental Economics and Environmental Management, Environment Department (University of York)
1998: MSc Environmental Economics, Environment Department (University of York)
1996: BSc Economics, Faculty of Economics (University of the Basque Country)

PRIZES AND AWARDS (2000-06)

- 2005: Co-investigator: An integrated analysis of scale effects in alternative agricultural systems; ESRC/BBSRC/NERC (Co-PI, 800,000 GBP).
2004: Co-investigator: Building capacity to investigate the potential role of sustainable intensification in agro-ecological systems; ESRC/BBSRC/NERC (RELU) RES-224-25-0095 (Co-PI, 50,000GBP)
2003: KM Stott Prize for the best PhD in Environmental Economics. University of York. UK

PUBLICATIONS (2000-06)

Refereed journals

- Pascual, U. and Barbier, E.B. 'Deprived Land-Use Intensification in Shifting Cultivation: The Population Pressure Hypothesis Revisited', *Agricultural Economics*, in press.
- 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*, in press.
- Rodríguez, L.C., Pascual, U. and Niemeyer, H.M. 'Peasant communities' cultural domain and the local use-value of plant resources: the case of Opuntia scrublands in Ayacucho, Peru', *Ecological Economics*. In press.
- Pascual, U. and Konchak, W. 2006. 'Changing paradigms for a co-evolutionary environmental limit discourse', *Environmental Science and Policy* 9(1).
- Pascual, U. 2005. 'Land-use intensification potential in slash-and-burn farming through improvements in technical efficiency', *Ecological Economics*. 52:497-511.
- 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.

Pascual, U. 1998. 'Peasant economics and soil degradation' UZTARO, Social Science Journal, 35, pp: 19-31 (in basque).

Co-edited books

Kontoleon, A., U. Pascual, and T. Swanson (Eds): 'Frontiers of biodiversity economics'. Cambridge University Press, Cambridge, UK (forthcoming, 2006).

Chapters in books

Deurwaerdere, T., Krishna, V., and Pascual, U (forthcoming 2006). Biodiscovery and intellectual property rights: A dynamic approach to economic efficiency" (in Kontoleon, Pascual and Swanson (eds): Frontiers of Biodiversity Economics". 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.

Discussion Papers

Pascual, U. and Barbier, E.B. (2005). "On-and off-farm labor decisions by slash-and-burn farmers in Yucatan, Mexico". Environmental Economy and Policy Research discussion paper series, N. 6.2005. Land Economy Department. University of Cambridge.

Pascual, U and Martinez, R. (2003): "Integrated Policy Options for Land Conservation and Rural Poverty Alleviation: A System Dynamics Approach". Discussion Paper N. 0323, School of Economic Studies, University of Manchester.

Martinez, R. and Pascual, U (2003): "Price Policies for Land Conservation in Slash-and-Burn Farming with Flexible Labour Entry-Exit Decisions." Discussion Paper. Department of Economics, St Francis Xavier University.

Pascual, U., Russell, N.P., and Omer, A.A (2003): "Does Loss of Biodiversity Compromise Productivity in Intensive Agriculture?" Discussion Paper N. 0322, School of Economic Studies, University of Manchester.

Omer, A., Pascual, U. and Russell, N.P. (2003): "Optimal Productivity Adjustment and Biodiversity Conservation in Intensive Agriculture" Discussion Paper N. 0317, School of Economic Studies, University of Manchester. Under review: Agricultural Economics.

Pascual, U. and Barbier, E.B (2001): "A Model of Optimal Labour and Soil Use with Shifting Cultivation", in: Note di Lavoro Resources Management Series, Paper N. 83.01. FEEM, Fondazione Eni Enrico Matei, Milan.

Conference Papers

2005

- European Association of Agricultural Economists
 - Modelling the Productivity Effects of Agro-Biodiversity in Intensive Agriculture (with N.P. Russell and A. Omer)
- European Society of Ecological Economics (ESEE), Lisbon, Portugal:
 - "Bioprospecting contracts under legal and institutional uncertainty" (with P. Stromberg)
 - "Evaluating the validity of the Benefit Transfer approach: The case of manatee protection in Florida and Puerto Rico" (with G. García and A. Kontoleon)
- BIOECON, Kings College, Cambridge:
 - The stake of contract uncertainty in bioprospecting (with P. Stromberg)

2004

- International Society of Ecological Economics (ISEE), Montreal, Canada:

- "Biodiversity prospecting in tropical India: Estimating an optimal compensation for indigenous knowledge holders" (with V. Krishna)
- "Peasant communities' cultural domain and the local use-value of plant resources: the case of Opuntia scrublands in Ayacucho, Peru" (with L.C. Rodríguez)
- "Land clearance and social capital in mountain agro eco system: the case of Opuntia scrublands in Ayacucho, Peru" (with L.C. Rodríguez)
- "The Porter Hypothesis – An exemplar for a new age of environmentalism" (with W. Konchak)
- BIOECON, Kings College, Cambridge:
 - "Biodiversity prospecting in tropical India: Estimating an optimal compensation for indigenous knowledge holders" (with V. Krishna)

2003

- International Association of Agricultural Economists (IAAE). Durban, South Africa
 - "Modelling land degradation in low-input agriculture: The 'Population Pressure Hypothesis' revisited" (with E.B. Barbier)
 - "Does Loss of Biodiversity Compromise Productivity in Intensive Agriculture?" (with N. Russell and A. Omer)
 -
- European Association of Environmental and Resource Economists (EAERE), Bilbao, Basque Country:
 - "Agricultural Intensification and Biodiversity Loss: Is There an Agri-EKC?" (with N. Russell and A. Omer)
 - "Integrated Policy Options for Land Conservation and Rural Poverty Alleviation: A System Dynamics Approach". (with R. Martínez-Espinera)
- UK Agricultural Economics Society. University of Plymouth, UK
 - "Does Loss of Biodiversity Compromise Productivity in Intensive Agriculture?" (with N. Russell and A. Omer)

2002

- World Conference on Natural Resource Modeling (NRM). Lesvos, Greece:
 - "Population Pressure and labour diversification decisions in slash-and-burn agriculture. A system Dynamics Approach to Analyse the Effects on Forest Biomass and Soil Fertility" (with R. Martínez-Espinera)
- UK Agricultural Economics Society Conference, Harper Adams, UK:
 - "Soil Degradation and Technical Efficiency in Shifting Cultivation: Applying Stochastic Production Frontier to agriculture in Yucatan (Mexico)"

2001

- European Association of Environmental and Resource Economists (EAERE), Southampton, UK.
 - "Determinants of labour supply by shifting cultivator households: the effect of land quality and poverty" (with E.B. Barbier)
- International Society of Ecological Economics (ISEE), Sousse, Tunisia:
 - "Private Property Vs. the Ejido Sector in Yucatan. Technical Efficiency Effects in Traditional Slash-and-Burn System".

2000

- European Association of Environmental and Resource Economists (EAERE), Crete, Greece
 - "A model of optimal labour and soil use with shifting cultivation"

Seminar and workshop presentations

2005

- Cambridge Environment Initiative. University of Cambridge
- 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.

OTHER ACADEMIC INFORMATION

- Co-director of Environmental and Economy Policy Research Centre (University of Cambridge).
- Associate Editor, *International Journal of Ecological Economics & Statistics*.
- Referee: *European Journal of Agricultural Economics, Land Economics, Journal of Agricultural Economics, Agroforestry Systems, Ecological Economics, Environment and Development Economics, Ecology and Society, Forest and Policy Economics, Revista Iberoamericana de Economía Ecológica, Regional Studies*.
- Academic Affiliations: International Society of Ecological Economics, International Association of Agricultural Economics, Agricultural Economics Society (UK), European Association of Environmental Economics, Centre for Agricultural, Food and Resource Economics (University of Manchester), DIVERSITAS, BIOECON.

OTHER ACADEMIC JOBS

- Other teaching experience:
 - 2005: Sustainable Development undergraduate course lecturer at the University of Deusto, Bilbao, Basque Country.
 - 2004: Economic Development PhD course lecturer at the Universidad Autónoma de Barcelona, Catalonia.
 - 2001: Economic development MSc course lecturer at the National University of La Pampa, Argentina.
- Visiting scholar at:
 - 2000: Economics and Finance department, University of Wyoming, USA
 - 1998: Natural Tropical Resource Conservation and Management department, Autonomous University of Yucatán, Mexico.

January, 2006