

# Esther Blanco, PhD

Associate Professor, Department of Public Finance, University of Innsbruck.

Affiliated Faculty The Ostrom Workshop, Indiana University, United States.

Office Address: Universitaetsstrasse 15/4, 6020 Innsbruck, Austria.

Tel. +43(0)5125077160; Fax +43(0)5125072788;

e-mail [Esther.Blanco@uibk.ac.at](mailto:Esther.Blanco@uibk.ac.at)

Spanish Nationality. Date of Birth: 23 August 1981

## Research Interests

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Environmental and Natural Resource Economics, Experimental Economics, Game Theory, Public Economics, Industrial Organization, Analysis of social-ecological systems.

## Academic Positions

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Since November 2017: Associate Professor, Department of Public Finance, Faculty of Economics and Statistics, University of Innsbruck, Austria.

Since June 2012: Affiliated Faculty, The Ostrom Workshop, Indiana University, United States.

2010 - 2017: Assistant Professor, Department of Public Finance, Faculty of Economics and Statistics, University of Innsbruck, Austria.

April- May 2011: Visiting Scholar, Workshop in Political Theory and Policy Analysis, Indiana University, United States.

September-December 2009: Postdoctoral Researcher, Nordland Research Institute, Norway.

January - June 2009: Visiting Scholar, Workshop in Political Theory and Policy Analysis, Indiana University, United States.

September - October 2007: Visiting Scholar, Workshop in Political Theory and Policy Analysis, Indiana University, United States.

2005-2009: Doctoral Researcher, Department of Applied Economics, University of the Balearic Islands, Spain.

## Parental Leaves:

Since July 2018: Parental leave second son.

July 2015- September 2016: Parental leave first son Iago.

## Education

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2017: Habilitation in Economics, University of Innsbruck, Austria.

2005-2009: Doctor of Philosophy in Economics, University of the Balearic Islands, Spain.

2004-2005: Master of Science in Tourism and Environmental Economics, University of the Balearic Islands, Spain.

2003-2004: Postgraduate in Environmental Education and Globalization, National Distance Education University, Spain.

1999-2003: Bachelor in Environmental Sciences, Autonomous University of Barcelona, Spain.

## Research Projects

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*Transnational environmental goods and behavioral models: biodiversity and climate change.* 2018-2020.

Spanish Ministry of Economy and Competitiveness. AMOUNT: 42.300 €. PI: Jose Luis Oviedo Pro, Alejandro Caparros Gass.

*Theory and experiments on norm compliance and voluntary action: the role of agents' beliefs and non-selfish motivations.* 2015-2018.

Spanish Ministry of Economy and Competitiveness. AMOUNT: 17.500 €. PI: Carmen Arguedas.

*Resource Degradation and Ecosystem services in Common Pool Resources.* 2014-2019. Fonds zur Förderung der wissenschaftlichen Forschung (FWF). AMOUNT: 285.185,25€. PI: Esther Blanco.

*Exploring the Variability in Responses to Scarcity Shocks: Austria and Colombia.* 2012-2013. Hypo Tirol Bank Research Promotion Award. AMOUNT: 1.800€. PI: Esther Blanco.

*Scarcity Shocks: Endowment and Marginal Effects.* 2011-2013. Projects for Young Talents of the University of Innsbruck. AMOUNT: 15.000€. PI: Esther Blanco.

*Institutions, Economic Incentives, and Environmental Behavior.* 2010-2011. Projects for Young Talents of the University of Innsbruck. AMOUNT: 5.000€. PI: Esther Blanco.

*Awareness raising and capacity building at local rural Colombian communities in a better management of their natural resources.* 2009-210. Government of the Balearic Islands. AMOUNT: 10.000€. PI: Antoni Lull.

*Experimental Economics for a Better Management of Natural Resources in Tourism Destinations.* 2009. Government of the Balearic Islands. AMOUNT: 5.000€. PI: Catalina N. Juaneda.

*A Strategic Approach for Managing Economic Benefits at Mass Nature-Based Tourism Destinations.* 2007-2009. Government of the Balearic Islands. AMOUNT: 28.000€. PI: Catalina N. Juaneda.

*Destination Rejuvenation Strategies- Policies and Measures.* 2006-2008. Spanish Ministry of Education and Science. AMOUNT: 11.480€. PI: Catalina N. Juaneda.

*Fidelity and Seasonality Analysis in post-stagnation stages of mature sun and sand tourism destinations.* 2002-2005. Spanish Ministry of Education and Science. AMOUNT: 21.842€. PI: Catalina N. Juaneda.

## Publications

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### Peer Reviewed Journal Publications

- [1] Provision of environmental public goods: Unconditional and conditional donations from outsiders. Accepted (with Haller, T. and Walker, J.M.) **Journal of Environmental Economics and Management**.
- [2] Co-management of protected areas to alleviate conservation conflicts: Experiences in Norway. Accepted. (with Fedreheim, G.E.) **International Journal of the Commons**.
- [3] Externalities in appropriation: Responses to probabilistic losses. 2017. (with Haller, T., and Walker, J.M.) **Experimental Economics**. DOI: 10.1007/s10683-017-9511-x
- [4] The opportunity costs of conservation with deterministic and probabilistic degradation externalities 2016 (with Lopez, M.C., and Walker, J.M.). **Environmental and Resource Economics**, 64, pp. 255-273.
- [5] The Tension Between Private Benefits and Degradation Externalities from Appropriation in the Commons 2016 (with Haller, T., Lopez, M.C., and Walker, J.M.) **Journal of Economic Behavior and Organization**, 125, pp. 136-147.

- [6] Integrating simultaneous prosocial and antisocial behavior into theories of collective action. 2016. (with Basurto, X., Nenadovic, M., and Vollan, B.) **Science Advances**, 2, e1501220.
- [7] Exogenous Degradation in the Commons: Field Experimental Evidence. 2015 (with Lopez, M.C. and Villamayor-Tomas, S.) **Ecological Economics**, 120, pp. 430-439. Special issue Collective Action and the Allocation of Resources Common Use in Latin America.
- [8] Ecolabels, uncertified abatement, and the sustainability of natural resources: An evolutionary approach. 2015 (with Lozano, J.) **Journal of Evolutionary Economics**, 25, 2015, pp. 623-647.
- [9] Voting for environmental donations: Experimental evidence from Majorca, Spain. 2012 (with Lopez, M.C and Coleman, E.) **Ecological Economics**, 75, pp. 52–60.
- [10] A social-ecological approach to voluntary environmental initiatives: the case of nature-based tourism. 2011. **Policy Sciences**, 44, pp. 35-52.
- [11] Can ecolabels survive in the long-run? The role of initial conditions. 2010 (with Lozano, J. and Rey-Maqueira, J.) **Ecological Economics**, 69, pp. 2525-2534.
- [12] A dynamic approach to voluntary environmental contributions in tourism. 2009 (with Lozano, J. and Rey-Maqueira, J.) **Ecological Economics**, 69, pp. 104-114.
- [13] The economic impacts of voluntary environmental performance of firms: a critical review. 2009 (with Rey-Maqueira, J. and Lozano, J.) **Journal of Economic Surveys**, 23, pp. 462-502.
- [14] Economic incentives of tourism firms to undertake voluntary environmental action. 2009 (with Rey-Maqueira, J. and Lozano, J.) **Tourism Management**, 30, pp. 112-122.
- [15] Rejuvenation strategies: A comparison of winter sport destinations in Alpine regions. 2010 (with Müller, S. and Peters, M.) **Tourism**, 58, 2010, pp. 19-36.
- [16] A critical review of voluntary environmental initiatives in tourism: policy implications for rejuvenation. 2009 (with Müller, S.) **Tourism**, 57, pp. 225-240.
- [17] La fiscalidad ecológica en el sector turístico. Un estudio de caso: La ecotasa balear. 2004. **Revista Interdisciplinaria de Gestión Ambiental**, 72, pp. 37-50.

### Chapters in Edited Books

- [18] Common-pool Resource Appropriation and Conservation: Lessons from Experimental Economics. Forthcoming. (with James M. Walker) In B. Hudson, J. Rosenbloom, and D. Cole, eds., *Routledge Handbook of the Study of the Commons*. Routledge. (Peer Reviewed Chapter)
- [19] Marine Conservation as Complex Cooperative and Competitive Human Interactions. 2017. (with Basurto, X., Nenadovic, M., and Vollan, B.) In P.S. Levin and M.R. Poe, eds., *Conservation for the Anthropocene Ocean*. Elsevier. In Press. (Peer Reviewed Chapter)
- [20] An experimental study for environmental fundraising in Majorca, Spain. 2010 (with López, M.C. and Coleman, E.) In R.M. Isaac and D. A. Norton, eds., *Experiments on Energy, the Environment, and Sustainability. Research in Experimental Economics Volume 14*, 181–211. Bingley, U.K.: Emerald. (Peer Reviewed Chapter)
- [21] The economic consequences from tourism firms’ environmental action: A survey. 2008 (with Juaneda Sampol, C.N.) In (Eds.) Christopher Kronenberg, Sabine Müller, Mike

Peters, Birgit Pikkemaat and Klaus Weiermair, Change Management in Tourism: From 'Old' to 'New' Tourism, Erich Schmidt-Verlag, pp. 235-246. (Invited chapter).

- [22] Do tourism firms have economic incentives to undertake voluntary environmental initiatives? 2009 (with Lozano, J. and Rey-Maqueira, J.) In (Eds.) Matias, Álvaro; Nijkamp, Peter; Sarmiento, Manuela, *Advances in Tourism Economics: New Developments*, Springer-Verlag. pp. 235-255 (Peer Reviewed Chapter).

### **Books**

- [23] Guía metodológica para el análisis económico de la implementación de la Directiva Marco del Agua en las Islas Baleares. 2011 (with Tirado, D.) Libros del Instituto Balear de Economía.
- [24] An economic and institutional approach to the use of natural common-pool resources by the tourism industry. 2010 (with Lozano, J. and Rey-Maqueira, J.) Edicions UIB, Palma de Mallorca.

## **Teaching Experience (\*courses originally developed)**

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### **Environmental Economics\***

Master in Applied Economics

Faculty of Economics and Statistics, University of Innsbruck, Austria

Spring and Fall semester 2010; Fall semester 2011, 2012, 2013, 2014, 2016, 2017.

### **Support to Master Theses\***

Master in Applied Economics

Faculty of Economics and Statistics, University of Innsbruck, Austria

Spring semester 2018.

### **Public Economics**

Bachelor in Management and Economics

Faculty of Economics and Statistics, University of Innsbruck, Austria

Spring semester 2018.

### **Theory of Economic Decisions: Strategic Behavior**

Bachelor in Management and Economics

Faculty of Economics and Statistics, University of Innsbruck, Austria

Spring semester 2013, 2014, 2015, 2016, 2017, 2018.

### **Environmental Economics I**

Bachelor in Management and Economics

Faculty of Economics and Statistics, University of Innsbruck, Austria

Fall semesters 2010, 2011, 2012.

### **Environmental Economics II**

Bachelor in Management and Economics

Faculty of Economics and Statistics, University of Innsbruck, Austria

Spring semesters 2011, 2012.

### **Socio Economic Development through Tourism\***

Master in Business Administration

Tourism Faculty, HTW Chur, Switzerland

Spring semester 2013, 2014.

### **Tourism Development\***

Master in Business Administration

Tourism Faculty, HTW Chur, Switzerland

Fall semester 2009, 2010, 2011, 2012.

## **Environment and Tourism Business**

Master in Management and Planning of Tourism,  
Business Department, University of the Balearic Islands, Spain  
Spring semester 2009, 2010, 2011.

## **Tourism Industry**

Master in Strategic Management  
School of Management, Innsbruck University, Austria  
Spring semester 2008.

## **Political Economy and Public Finance**

Bachelor in Laws  
Department of Applied Economics, University of the Balearic Islands, Spain  
Spring semester 2008.

## **Mentoring activities**

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### **Supervision PhD Thesis**

Natalie Struwe (since March 2018) - To be defined. PhD Program in Economics, University of Innsbruck.

Tobias Haller (2014-2017) - *Experiments on Environmental Public Goods: Endogenous Losses and Externalities*. PhD Program in Economics, University of Innsbruck.

Duc Tran-Huy (March 2014-2017) - *Preferences for the development of a protected area in developing countries: The perspective of local people*. PhD Program in Economics, University of Innsbruck.

### **Supervision Master Thesis**

Ines Ladurner (Spring 2018) – *Institutional Diversity and Outsiders: Impacts on the Provision of Environmental Public Goods*. Master in Economics, University of Innsbruck

Natalie Struwe (Fall 2017) – *Pledges, Mitigation and Adaptation - Experimental Evidence*. Master in Economics, University of Innsbruck.

Gwendy Steinbauer (Spring/Fall 2017) – *Pro-social and anti-social preferences in the lab*. Master in Economics, University of Innsbruck.

Sarah Brunner (Spring/Fall 2017) – *Influence of canopied coffee on yield and environmental aspects - a case study in El Cairo in Colombia*. Master in Economics, University of Innsbruck.

Martin Renzler (Fall 2016) – *Aid, Democratization and Environmental Performance: Empirical Results*. Master in Economics, University of Innsbruck.

Tabea Eichhorn (Fall 2015) – *Production and Degradation Externalities in Common-Pool Resources*. Master in Applied Economics, University of Innsbruck.

Philipp Buchenauer (Spring 2015) – *Coalition formation in weakest link games: An empirical investigation*. Master in Applied Economics, University of Innsbruck.

Sebastian Alexander Wiemer (Spring 2015) – *Success and failure of community-based natural resource management in Africa*. Master in Applied Economics, University of Innsbruck.

Caroline Poulain (Spring 2013) – *Bio-Economic Modeling of EU Fishing Policies in the North Sea Cod Fishery*. Master in Applied Economics, University of Innsbruck.

Katrin Findeisen (Spring 2013) – *Contribution of Eco-Certification Programs to the Conservation of European Fisheries*. Master in Applied Economics, University of Innsbruck.

Lisa Prantl (Spring 2013) – *Measuring the Willingness to Pay for Conservation: A choice experiment in Tirol*. Master in Applied Economics, University of Innsbruck.

Eike Schuemann (Spring 2013) – *European Motivators for Environmental Certifications Using the Example of EMAS*. Master in Applied Economics, University of Innsbruck.

Tobias Haller (Spring 2013) – *Vulnerability and Climate Change in a Public Goods Game Evidence from Experiments*. Master in Applied Economics, University of Innsbruck.

Krisztian Gergely (Spring 2012) – *Domestic Demand, Noise Externality and Air Traffic – An Illustration of Frankfurt and Munich Airport*. Master in Applied Economics, University of Innsbruck.

Sebastian Künzle (Winter 2011) – *Effectiveness of the Design of Eco-Label Schemes*. Master in Applied Economics, University of Innsbruck.

### **Supervision Bachelor Thesis**

Sarah Vonier (Spring 2015) – *Wetlands as common pool resources*. Bachelor in Management and Economics, University of Innsbruck.

Christian Werlberger (Winter 2013) – *Experimental Evidence on the Tragedy of the Commons*. Bachelor in Management and Economics, University of Innsbruck.

Lisa Prantl (Spring 2011) – *Market Mechanisms for Water Allocation: Efficiency and Equity Considerations*. Bachelor in Management and Economics, University of Innsbruck.

### **Conference Presentations**

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- 2017 42 Simposio de la Asociación Española de Economía (SAeE), (SPAIN).  
23rd Annual Conference of the European Association of Environmental and Resource Economists (EAERE), (GREECE).  
7th Biennial Conference on Social Dilemmas, Amherst (USA).  
2nd Annual Workshop on Experimental Economics for the Environment, Bremen (GERMANY).
- 2016 VII Conference of the Spanish-Portuguese Association of Natural Resources and Environmental Economics (PORTUGAL).
- 2014 World Congress of Environmental and Resource Economists (WCERE), (TURKEY).  
VI Conference of the Spanish-Portuguese Association of Natural Resources and Environmental Economics (SPAIN), 2014.
- 2013 20th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), (FRANCE).  
Ninth International Meeting on Experimental and Behavioral Economics (IMEBE), (SPAIN).
- 2012 19th Annual Conference of the European Association of Environmental and Resource Economists, (ITALY).  
North-American Economic Science Association Conference, Tucson (US).  
XXXVII Simposio de la Asociación Española de Economía, (SPAIN).  
V Conference of the Spanish-Portuguese Association of Natural Resources and Environmental Economics (PORTUGAL).
- 2011 18th Annual Conference of the European Association of Environmental and Resource Economists, (ITALY).  
Annual Meeting of the Austrian Economic Association, (AUSTRIA).  
13th Biennial Conference of the International Association for the Study of the Commons, (INDIA).  
XXXVI Simposio de la Asociación Española de Economía, (SPAIN).

- 2010 4th World Congress of Environmental and Natural Resource Economists, (CANADA).  
Annual Meeting of the Austrian Economic Association, Vienna (AUSTRIA).  
IV Conference of the Spanish-Portuguese Association of Natural Resources and Environmental Economics (SPAIN).
- 2009 17th Annual Conference of the European Association of Environmental and Resource Economists, Amsterdam (NETHERLANDS).  
4th Nordic Conference in Behavioral and Experimental Economics, Oslo (NORWAY).  
4th Workshop on the Workshop, Bloomington (UNITED STATES).
- 2008 International Workshop 'Destination Rejuvenation Strategy: European Case Studies', Innsbruck (AUSTRIA).  
Governing shared resources: connecting local experience to global challenges, Cheltenham (UNITED KINGDOM).  
III Conference of the Spanish-Portuguese Association of Natural Resources and Environmental Economics (SPAIN).  
V Jornades de Medi Ambient de les Illes Balears, Palma de Mallorca (SPAIN).
- 2007 First Conference of the International Association for Tourism Economics, Palma de Mallorca (SPAIN).  
Seminario sobre Buenas Prácticas en Cooperación Universitaria al Desarrollo en África, Cádiz-Tánger (SPAIN).  
X Encuentro de Economía Aplicada, Logroño (SPAIN).  
Tourism Economics in Islands: models and strategies, Ponta Delgada (PORTUGAL).  
Advances in Tourism Economics, Vila Nova de Santo André (PORTUGAL).
- 2006 Second International Conference on Tourism Economics, Palma de Mallorca (SPAIN).  
From the Old to the New Tourism – Managing the Change in the Tourism Industry, Innsbruck (AUSTRIA).

## Invited Seminars

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- 2017 University of Girona, Department of Economics, Girona (SPAIN).  
University of Marburg, Marburg Centre for Institutional Economics, Marburg (GERMANY).
- 2012 Humboldt University, Division of Resource Economics, Berlin (GERMANY).  
08/06/2012
- 2011 Humboldt University, Division of Resource Economics, Berlin (GERMANY).  
24/05/2011  
Autonoma University of Madrid, Departamento de Análisis Económico: Teoría Económica e Historia Económica, Madrid (SPAIN). 18/05/2011  
Indiana University, Workshop in Political Theory and Policy Analysis Bloomington, Indiana (UNITED STATES). 21/04/2011.
- 2010 Universidad de los Andes, Faculty of Business Administration, Bogotá (COLOMBIA).  
12/08/2010.  
Pontificia Universidad Javeriana, Faculty of Environmental and Rural Studies, Bogotá (COLOMBIA). 30/07/2010.
- 2009 Indiana University, Workshop in Political Theory and Policy Analysis Bloomington, Indiana (UNITED STATES). 20/02/2009; 02/03/2009.

2007 Indiana University, Workshop in Political Theory and Policy Analysis Bloomington, Indiana (UNITED STATES). 12/10/2007.

## **Professional Service**

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### **Scientific Committee**

VIII Conference of the Spanish-Portuguese Association of Natural Resources and Environmental Economics.

VI Conference of the Spanish-Portuguese Association of Natural Resources and Environmental Economics.

V Conference of the Spanish-Portuguese Association of Natural Resources and Environmental Economics.

### **Scholarly Societies Boards**

2015-2018: Chair of Communication of the Spanish-Portuguese Association of Natural Resources and Environmental Economics.

### **Journal Peer-Reviewer**

Nature Climate Change (2) · Management Science (1) · Experimental Economics (4) · Journal of Economic Behavior & Organization (1) · Environmental and Resource Economics (2) · Ecological Economics (8) · World Development (1) · Journal of Environmental Management (2) · Journal of Behavioral and Experimental Economics (2) · International Journal of the Commons (2) · Ecology and Society (1) · Tourism Management (8) · Journal Environmental Planning and Management (1) · Land Use Policy (1) · Journal Environment & Planning C: Government & Policy (1) · International Journal of Hospitality Management (1).

## **Languages**

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Spanish and Catalan: Native speaker

English: Fluent

German: Basic