

## PERSONAL INFORMATION



## DR. DAVID HOYOS

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Sex Male | Date of birth 29/01/1974 | Nationality Spanish

## SUMMARY

Dr. David Hoyos holds a permanent position at the Department of Applied Economics at the University of the Basque Country (UPV/EHU). He develops a research line on environmental services valuation, as well as on the economics of ecosystem services, habitat banking schemes and environmental policy-making. He has been policy advisor for the Department of Environment at the Basque Government for 10 years. He is research associate at the BC3 Basque Centre for Climate Change, EKOPOL, Research Group on Ecological Economics and Political Ecology and HEGOA, Institute for Development Studies, University of the Basque Country (UPV/EHU). He has published more than 30 papers in national and international research journals and book chapters.

He has participated in around 12 research projects at regional, national and European level, mainly related to environmental goods and services' economic valuation and management. He has extensive relationship with international and national research teams and currently coordinates the European Environmental Discrete Choice Modelling Workshop. He has participated in more than 30 international conferences and different forums on environmental assessments and expert committees for the Basque Government. He has been invited lecturer at Queen's University Belfast and Technische Universität Berlin.

## WORK EXPERIENCE

Sept 2009 -

### Lecturer at the Department of Applied Economics III

University of the Basque Country (UPV/EHU), Spain.

- Lecturer in Econometrics, Environmental Economics and Ecological Economics.
- Research and consultancy in environmental economics, ecological economics, sustainable economics, green economy.

Feb 2002 – Sep 2009

### Researcher and policy advisor

Environmental Economics Unit. Institute for Public Economics (UPV/EHU) and Basque Environmental Agency (IHOBE), Spain.

- Research on environmental and ecological economics
- Policy advisor for the Department of Environment of the Basque Government

## EDUCATION AND TRAINING

June 2006 - October 2009

### Ph. D. in Environmental Economics (European award)

EQF level 8

University of the Basque Country (UPV/EHU), Spain.

- Ph. D. Thesis: Recent advances in environmental valuation methods using stated preference methods.

Sept 1997 - Sept 1998

### MA (Econ) in Development Economics

EQF level 7

University of Manchester, United Kingdom.

Sept 1992 - June 1997

### First Degree in Economics

EQF level 6

University of the Basque Country (UPV/EHU), Spain.

## PERSONAL SKILLS

Mother tongue(s)

Spanish

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Basque	C1	C1	C1	C1	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Communication skills

- Excellent communication skills gained through my experience as lecturer and policy advisor

Organisational / managerial skills

- Leadership (currently responsible for different research teams)
- Good organisational and team-leader skills gained through my experience in European, national and regional research projects.

Job-related skills

- Research experience on environmental services' valuation and management, habitat banking and environmental decision-making.
- Fluency in English
- 13 years of experience in the area of environmental protection in public administration
- Experience in EU funded projects and actions.
- Good skills in practical guide preparation and training gained through my experience working for the public administration.

## ADDITIONAL INFORMATION

### Recent publications

- De Ayala, A.; Hoyos, D. and Mariel, P. (2015) Suitability of discrete choice experiments for landscape management under the European Landscape Convention, *Journal of Forest Economics*, 21(2), 79-96.
- Longo, A., Hoyos, D. and Markandya, A. (2015) Sequence effects in the valuation of multiple environmental programs using the contingent valuation method, *Land Economics*, 91(1), 20-35.
- Hoyos, D., Mariel, P. and Hess, S. (2015) "Incorporating environmental attitudes in discrete choice models: an exploration on the utility of the awareness of consequences scale " *Science of the Total Environment*, 505, 1100-1111.
- Hoyos, D. and Riera, P. (2013) Convergent validity between revealed and stated recreation demand data: some empirical evidence from the Basque Country, Spain, *Journal of Forest Economics*; 19, 234-248.
- Mariel, P., De Ayala, A, Hoyos, D. and Abdullah, S. (2013), Selecting random parameters in discrete choice experiment for environmental valuation: A simulation experiment, *Journal of Choice Modelling* 7, 44-57
- Hoyos D., Mariel, P., Pascual, U. and Etxano, I. (2012), Valuing a Natura 2000 network site to inform land use options using a discrete choice experiment: an illustration from the Basque Country, *Journal of Forest Economics*, 18, 329-344.
- Longo, A., Hoyos, D. and Markandya, A. (2012) Willingness to pay for ancillary benefits of climate change mitigation *Environmental & Resource Economics*, 51, 119 – 140.
- Hoyos, D. (2010) The state of the art of environmental valuation with discrete choice experiments, *Ecological Economics*, 2010; 69, 1595 – 1603.
- Hoyos, D., Mariel, P. and Fernández Macho, J. (2009), The influence of cultural identity on the WTP to protect natural resources: Some empirical evidence, *Ecological Economics*, 68, 2372-2381.

### Selected research projects

- Spanish Ministry of Science and Technology 2014 ( ECO2014-52587-R) Incorporating latent attitudes in sustainable landscape planning and management.
- BUP, 2014. Basis for a sustainable water management plan in Urdaibai under the EU Water Framework Directive: an economic, environmental and legal analysis
- Basque Government 2012. Econometrics Research Group.
- University of the Basque Country (UPV/EHU) 2010. Landscape, environmental and socioeconomic valuation of highly valued agricultural fields in the Basque Country.
- EU 2010 (FP7-ENV-2010) Public health impacts in URban environments of Greenhouse gas Emissions reduction strategies (PURGE).
- EU 2008. CIVITAS Achieving real change with innovative transport measures demonstrating energy savings (ARCHIMEDES)
- EU 2006-2010 COST E45 ACTION.
- Basque Government, 2008. Integrated management framework for valuing Natura 2000 sites
- Basque Government, 2008. Attitudes and knowledge about energy and climate change in the Basque Country.

### Recent Conferences

- 2014. 5th World Congress of Environmental and Resource Economists: " Do environmental attitudinal scales influence stated choices? An exploration on the utility of the awareness of consequences scale". Istanbul, Turkey.
- 2013. Annual Meeting of the Association of Southern European Economic Theorists: " Incorporating environmental attitudes in Discrete Choice Experiments: A Latent Variables approach". Bilbao.
- 2013. International Choice Modelling Conference: " Environmental Value Orientations in Discrete Choice Experiments: A Latent Variables Approach". Sydney, Australia.
- 2012. XVIII Congress of the European Association of Environmental and Resource Economists: "Environmental Value Orientations in Discrete Choice Experiments: A Latent Variables Approach." Prague, Czech Republic.
- 2011. XVII Congress of the European Association of Environmental and Resource Economists: " Using Discrete Choice Experiments for managing Natura 2000 sites: preliminary results." Rome, Italy.

- Memberships**
- Research associate at BC3 Basque Centre for Climate Change. BC3, Basque Centre for Climate Change, has been ranked second place in the Climate Think Tank Ranking of ICCG (International Center for Climate Change Governance).
  - Research associate at EKOPOL, Research Group on Ecological Economics and Political Ecology, University of the Basque Country (UPV/EHU).
  - Research associate at HEGOA, Institute for Development Studies, University of the Basque Country (UPV/EHU).
  - Member of the European and Spanish Associations of Environmental and Resource Economists.
- Referee of scientific journals**
- Ecological Economics, Environmental and Resource Economics, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Forest Economics, Landscape and Urban Planning, Water Resources Management, Land Use Policy, Resource and Energy Economics, Economics Bulletin, Journal of Choice Modelling.
- References**
- Prof. Anil Markandya. Scientific Director. BC3 Basque Centre for Climate Change <anil.markandya@bc3research.org>.
  - Prof. Maria Carmen Gallastegui. Department of Foundations of Economic Analysis, University of the Basque Country (UPV/EHU) <mariacarmen.gallastegui@ehu.es>.
  - Prof. Unai Pascual. Research Professor and Senior Lecturer at the University of Cambridge, UK. <up211@cam.ac.uk>.