

# Bosco Lliso

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## EXPERIENCE

### **Postdoctoral Researcher** | Basque Center for Climate Change (BC3) | Bilbao, Spain | 2016-present

BC3 is a research center that contributes to long-term research on the causes and consequences of climate change. My work is focused on examining the relationship between the environment and human well-being. In particular, I have focused on the design and use of economic instruments such as Payments for Ecosystem Services (PES) and their effects on local populations. The methodologies I use for my research include econometric and statistical analyses, deliberative valuation methods, field experiments, and surveys. I have also worked in other research areas such as ecological discounting and environmental finance mechanisms (green bonds). I have carried out field work in Colombia where I worked with Indigenous, Afrocolombian and Campesino communities. My PhD dissertation, which I wrote while at BC3 and the University of Osnabrück obtained a “Magna Cum Laude Plus” grade and received the [2nd Prize for Excellent Development Research](#) from the German Economic Association.

**IPBES Fellow** | Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services | 2018-present  
IPBES is the intergovernmental body with more than 130 member countries which assesses the state of biodiversity and of the ecosystem services it provides to society, in response to requests from decision makers. I am one of the authors of the current assessment on the [values of nature](#).

### **Strategy Consultant** | Banco Santander | Madrid, Spain | 2012-2014

Banco Santander is a world-leading bank. I helped develop and successfully implement the “Santander Group Project for the Improvement of Customer Satisfaction” in Madrid and London. This included:

- carrying out data-mining studies and statistical analyses for the project
- employing focus groups and surveys for market analysis
- designing and implementing a key performance indicator (KPI) dashboard

### **Analyst and External Relations Intern** | DARA International | Madrid, Spain | 2012

DARA is an international non-profit committed to improving the quality and effectiveness of aid for vulnerable populations suffering from conflict, disasters, and climate change. My work included:

- contributing research to the 2<sup>nd</sup> edition of the [“Climate Vulnerability Monitor”](#)
- providing institutional support to the Climate Vulnerable Forum during the UN RIO+20 Conference
- managing relations with governments, inter-governmental organizations and experts

### **Corporate Social Responsibility Intern** | Ambar Capital y Expansión | Madrid, Spain | 2010

Ambar Capital y Expansión is a private equity fund. I worked in the development of “Vivergi,” a social impact venture capital fund that is Spain’s first social fund and one of the largest in the world (50 million euros). Additionally, I was tasked with:

- helping create a company code of ethics and its commitments towards Corporate Social Responsibility
- translating presentations and memos used during the acquisition of Neo Sky, a subsidiary of Iberdrola
- finding and maintaining donor relationships for the associated NGO (Santos Toledano Foundation)

### **Sales Intern** | EFFIPAP | Madrid, Spain | 2009

I participated in EFFIPAP’s expansion into the French and Moroccan markets by finding prospective clients.

### **Translation and Communications Intern** | Europages | Paris, France | 2007

I translated advertisements from French to English and Spanish and created content for Europages’ website.

## EDUCATION

**University of Osnabrück** | 2016-2019  
PhD in Environmental Economics  
Thesis grade obtained: Magna Cum Laude Plus  
Prizes obtained: [2nd Prize for Excellent Development Research](#) by the German Economic Association

**London School of Economics** | 2014-2015  
MSc Environmental Economics and Climate Change

**Boston University** | 2008-2011  
BA in Economics (Cum Laude)  
BA in Environmental Analysis and Policy (Cum Laude)

**Saint Louis University** | 2007-2008

**American School of Madrid** | 1992-2007

## SKILLS

**Languages:** Native Spanish  
Native English  
Proficient French

**Software:** R: Data Analysis and Statistical Software  
Microsoft Office (Excel, PowerPoint, Word)  
Adobe (Illustrator, Photoshop, Lightroom)

## VOLUNTEER WORK

- BC3's Training Caravan
- t-oigo
- Ilusiones Compartidas
- Caico Foundation
- Habitat for Humanity

## PUBLICATIONS

**Lliso, B.**, Mariel, P., Pascual, U., Engel, S., 2020. Increasing the credibility and salience of valuation through deliberation: Lessons from the Global South. *Global Environmental Change* 62, 102065. <https://doi.org/10.1016/j.gloenvcha.2020.102065>

**Lliso, B.**, Pascual, U., Engel, S., Mariel, P., 2020. Payments for ecosystem services or collective stewardship of Mother Earth? Applying deliberative valuation in an indigenous community in Colombia. *Ecological Economics*. <https://doi.org/10.1016/j.ecolecon.2019.106499>

Washbourne, C.-L., Dendoncker, N., Jacobs, S., Mascarenhas, A., De Longueville, F., van Oudenhoven, A.P.E., Schröter, M., Willemsen, L., Campagne, S., Jones, S.K., Garcia-Llorente, M., Iniesta-Arandia, I., Baró, F., Fisher, J., Förster, J., Jericó-Daminelo, C., Lecina-Díaz, J., Lavorel, S., **Lliso, B.**, Montealgre Talero, C., Morán-Ordóñez, A., Rocas-Díaz, J.V., Schlaepfer, M.A., Van Dijk, J., 2020. Improving collaboration between ecosystem service communities and the IPBES science-policy platform. *Ecosystems and People* 16, 165–174. <https://doi.org/10.1080/26395916.2020.1766573>

Markanday, A., Galarraga, I., Chiabai, A., Sainz de Murieta, E., **Lliso, B.**, Markandya, A., 2019. Determining discount rates for the evaluation of natural assets in land-use planning: An application of the Equivalency Principle. *Journal of Cleaner Production* 230, 672–684. <https://doi.org/10.1016/j.jclepro.2019.05.107>

**Lliso, B.**, Pascual, U., Engel, S., (Under review). A practitioner perspective on the role of social equity in payments for ecosystem in Latin America.

DARA International, & Climate Vulnerable Forum. (2012). *Climate Vulnerability Monitor: A Guide to the Cold Calculus of a Hot Planet*. Spain.

## CONFERENCES, SEMINARS AND WORKSHOPS

**Respect Existence or Expect Resistance**, presented at the **ESP European regional conference**, organized by Ecosystem Services Partnership, San Sebastian, Spain, Oct, 2018

**Equity concerns in Payments for Ecosystem Services**, presented at the **XXXVI International Congress of the Latin American Studies Association**, organized by The Latin American Studies Association (LASA), Barcelona, Cataluña, Spain, May, 2018

**Incentives for Conservation in Paramos**, presented at the **Intercambio binacional: Experiencias y aprendizajes en el manejo del páramo y la alta montaña entre Colombia y Ecuador**, organized by Instituto de Investigación de Recursos Biológicos Alexander von Humboldt, Cumbal, Nariño, Colombia, Feb, 2018

**Equity in Payments for Ecosystem Services (PES)**, presented at the **Primer Foro Regional de Incentivos a la Conservación**, organized by Gobernación de Caquetá, Patrimonio Natural, Fundación Picachos, Florencia-Caquetá, Colombia, Sep, 2017

**The Effects of an Equitable Implementation on the Success of Payments for Ecosystem Services**, presented at the **Manchester environmental Economics Workshop 2017 on “Social preferences and environmental and resource economics,”** organized by University of Manchester, Manchester, United Kingdom, May 2017.

**The Role of Social Equity in Payments for Ecosystem Services from a Socio-Ecological Perspective**, presented at the **International Forum on PES**, organized by Gobernación del Huila, Colombia, April 2017.