

Bosco Lliso

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EXPERIENCE

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

BC3 is a research institution that contributes to long-term investigation of the causes and consequences of climate change. My work is centered on examining the relationship between the environment and human well-being. In particular, I have focused on the valuation of nature and 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, framed field experiments, focus groups and surveys. I have also worked in other areas such as environmental consulting (e.g. revision of the GCF's REDD+ RBP Terms of Reference), ecological discounting and environmental finance mechanisms (green bonds). In the last few years, I have carried out fieldwork in Colombia on four separate occasions over the course of several months, organizing more than 30 different workshops and experimental sessions. This work has involved Indigenous (Pasto and Nasa peoples) and local communities (Afro-Colombian and Campesino farmers) looking for sustainable solutions to improve the environment. During my most recent project there, I was responsible for supervising a dozen undergraduate and master's students from the Universidad del Valle (Cali). My PhD dissertation, which I wrote while working 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 an intergovernmental body with more than 130 member countries. In response to requests from decision-makers, it assesses the state of biodiversity and the ecosystem services that biodiversity provides to society. I am one of the authors of the ongoing Assessment on the [Values of Nature](#). As a contributor to Chapter 1 of the Values Assessment, I collaborate with the Co-Chairs and other authors to conduct literature reviews, select relevant research, write the chapter, and incorporate feedback received by external reviews. I am also responsible for cross-chapter coordination and offering assistance to the Technical Support Unit (TSU). Over the last two years, I have also assisted with the coordination of two major IPBES events. The first was the "Second Authors Meeting of the IPBES Values Assessment" in Vitoria (Spain), where more than 100 authors participated and important political figures such as Basque President Iñigo Urkullu made appearances. The second was the "Coordinating Lead Authors Workshop for the Values Assessment" in Bilbao (Spain).

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

Santander Bank is a world-leading bank and the largest bank in the Eurozone by market value. I worked on the development and successful implementation of the "Santander Group Project for the Improvement of Customer Satisfaction" in Madrid and London. This included:

- developing statistical and data-mining studies and presentations for the different project stakeholders
- creating a key performance indicator (KPI) dashboard to track and communicate progress to key stakeholders
- coordinating the data-extraction necessary to carry out field studies
- performing quality checks and auditing the data provided by an external supplier
- taking charge of all ad-hoc analyses required to cover the evolving needs of the project

Due to the successful execution of my role during the implementation of the project in Spain as well as my international background, I was selected to go to the London offices to carry out a similar project for the UK market.

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

DARA is an international NGO 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 2nd edition of the "[Climate Vulnerability Monitor](#)"
- helping to organize the Climate Vulnerability Forum's Official Side Event during the Rio+20 UN Conference on Sustainable Development
- managing relations with governments, inter-governmental organizations, international experts and others
- drafting correspondence related to partnership efforts
- researching and drafting documents for conferences, seminars and bilateral meetings
- disseminating reports and communication materials produced by the team

English Teacher | Madrid, Spain | 2005-2012

I worked as a private English teacher teaching both adults and children, in groups as well as one-on-one. I have taught over 20 different students.

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

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

- collaborating on the creation of a company code of ethics and its commitments towards Corporate Social Responsibility (CSR)
- translating presentations and memos used during the acquisition of Neo Sky, a subsidiary of Iberdrola
- establishing and maintaining donor relationships for Santos Toledano Foundation (Ayudales a Vivir), an associate NGO of the fund

Sales Intern | EFFIPAP | Madrid, Spain | 2009

I participated in EFFIPAP's expansion into the French and Moroccan markets.

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.**, Pascual, U. and Engel, S., 2021. On the role of social equity in payments for ecosystem services in Latin America: A practitioner perspective. *Ecological Economics*.
<https://doi.org/10.1016/j.ecolecon.2020.106928>.
- Haddad, B., Solomon, B., **Lliso, B.**, et al., Forthcoming. *Dictionary of Ecological Economics*. Edward Elgar Press.
- Lliso, B.**, Arias-Arevalo, P., Maca-Millan, S., Engel, S., and Pascual, U., Forthcoming. Motivational crowding effects in payments for ecosystem services under alternative value frames. *People and Nature*.
- Carmenta, R., Zaehring, J., **Lliso, B.**, et al., Forthcoming. Beyond economic values: learning from plural valuation to expand conventional impact metrics of conservation, development and disaster risk reduction. *People and Nature*.
- 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-Diaz, J., Lavorel, S., **Lliso, B.**, Montealgre Talero, C., Morán-Ordóñez, A., Roces-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>
- DARA International, & Climate Vulnerable Forum. (2012). *Climate Vulnerability Monitor: A Guide to the Cold Calculus of a Hot Planet*. Spain.

RESEARCH PROJECTS

- LIFE URBASO. European Commission's LIFE programme. 2021-2025.
- Water management and governance UNDER Uncertainty: A Mediterranean watershed case (UNDUE). Spanish Ministry of Science, Innovation and Universities. 2021-2024.
- INvesting in Nature: an Experiment on diverse values (INNATE). Basque Centre for Climate Change (BC3). 2021-2022.
- Re-imagining Payments for Ecosystem Services under a diversity of human nature Relational Models: An exploration in post-conflict Colombia (PESReM). Alexander-von-Humboldt Foundation/Osnabrück University. 2019-2020.
- RELational VALues in Urban Environments: A transdisciplinary approach (REVALUE). Basque Government 2019-2022.
- El papel de la Equidad Social en la gobernanza de la naturaleza desde una perspectiva Socio-Ecológica (ESSE). Basque Government. 2015-2018.

CONFERENCES, SEMINARS AND WORKSHOPS

In search of policy instruments for ecosystems conservation: a decision-tree approach to PES, REDD+ and Biodiversity Offsets, presented at the **ESP European regional conference**, organized by Ecosystem Services Partnership, Tartu, Estonia, June, 2021

Motivational crowding effects in payments for ecosystem services under alternative value frames, presented at the **ESP European regional conference**, organized by Ecosystem Services Partnership, Tartu, Estonia, June, 2021

Motivational crowding effects in payments for ecosystem services under alternative value frames, presented at the **ESP European regional conference**, organized by Ecosystem Services Partnership, Tartu, Estonia, June, 2021

Organization of the **Coordinating Lead Authors (CLA) Workshop for the Values Assessment**, Bilbao, Spain, June, 2019

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.