

# Position Offered: PREDOCTORAL RESEARCHER

Project: *Analysis of the interconnections between voluntary forest carbon markets, corporate climate neutrality efforts, and consumer preferences in the digital age.*

**Technological and scientific fields:** Environmental Economics, Economics and Econometrics (Climate and Biodiversity)

**Location:** Madrid, Institute for Public Goods and Policies (IPP), [www.ipp.csic.es](http://www.ipp.csic.es)

**Research Group/PI:** GEA: Environmental Economics Group, PI: Paola Ovando, co-PI: Kenedy Alva (UCM), <https://ipp.csic.es/es/org-structure/grupo-economia-ambiental-gea>.

## PROJECT SUMMARY

The emergence of voluntary carbon markets is creating new funding opportunities through the issuance of carbon certificates (CCs) to support decarbonization processes. The conceptualization of the quality levels of these CCs, including considerations of their additionality, permanence, and social and/or environmental co-benefits, and how these quality notions affect the preferences and responses of demanding organizations and consumers, has not been studied in depth. This project proposes to develop and employ methods, tools, and systems for massive and automated web data processing and online surveys aimed at consumers to gather information that will allow analyzing corporate and consumer responses to the credibility and quality of CCs offered in major global carbon markets. The research will use quantitative methods, including web scraping and machine learning techniques, and advanced econometric methods to identify the factors influencing investment and consumption decisions and their relationship with decarbonization efforts. This will be complemented by online interviews with experts to gather different perspectives on the functioning and challenges voluntary carbon markets face today.

## PROFESSIONAL PROFILE

### Minimum requirements:

The beneficiary should have an official master's degree with a research profile, competencies in applied economic analysis, econometrics or related fields, and a high level of Spanish and English experts to gather different perspectives on the functioning and issues of voluntary carbon markets.

### Merits to be considered:

Positive consideration will be given to: i) advanced knowledge and/or accredited training in the use of database management programs and econometric analysis (e.g., R, STATA, Matlab); ii) previous experience in survey design and/or analysis and development of quantitative research; and iii) prior research in topics related to the project (scientific articles, reports, master's theses, bachelor's theses, etc.).

## WHAT IS OFFERED

The project will enable the PhD Student to gain advanced skills in using innovative tools and techniques for large-scale data collection, content extraction, text coding tools, and their integration with advanced econometric models. They will join an interdisciplinary research team in applied economics, social sciences, and environmental studies, contributing to the development of a novel research line addressing the analysis of individual and corporate perceptions and responses to the quality, credibility, and co-benefits associated with voluntary carbon markets. This research aims to guide the formulation of effective decarbonization policies and corporate strategies to ensure the quality and credibility of corporate climate actions.

### Contract conditions:

Predoctoral Researcher contract of 4 years' duration. Gross annual salary of 23,871.33 €.

**Start of contract: before 31 December 2024**

## PRINCIPAL INVESTIGATOR CONTACT

Email: [paola.ovando@csic.es](mailto:paola.ovando@csic.es) Phone: +34 916 02 23 00 (ext 441208)

[momentum@csic.es](https://momentum@csic.es/) | <https://momentum.csic.es/>