# Chloé Beaudet

PhD Candidate in Environmental Economics
Paris-Saclay Applied Economics
Palaiseau, France

Website: https://chloebeaudet.github.io/
Email: chloe.beaudet5@gmail.com

## Research Interests

**Main**: Environmental and ecological economics, urban sustainability and spatial planning, causal inference for public policy evaluation, non-market valuation, spatial data analysis.

**Secondary**: Machine learning, development economics.

## Education

**PhD in Environmental Economics**, Paris-Saclay Applied Economics — Palaiseau, France
*Supervisors: Maia David & Léa Tardieu* — 2022-Present

**Visiting Scholar**, Berlin Center for Empirical Economics — Berlin, Germany
*Invited by Prof. Tobias Börger* — March 2025 - May 2025

**MSc in Economics and Statistics**, ENSAE Paris — Palaiseau, France
*Specialisation in public policy evaluation* — 2017-2021

**MSc in Environmental Economics**, AgroParisTech, Université Paris-Saclay — Paris, France
2020-2021

## Publications

**Planning sustainable lighting for biodiversity and society** (2025), with Léa Tardieu, Sarah Potin, Julie Chaurand, Léa Mariton, Vincent Delbar and Maia David. *Nature Cities*. **Pre-print version**. **Associated R-Shiny tool**.

**Are citizens willing to accept changes in public lighting for biodiversity conservation?** (2022) with Léa Tardieu and Maia David. *Ecological Economics*, 200, 107527. **Pre-print version**.

**From poverty to disaster and back: A review of the literature** (2020) with Stéphane Hallegatte, Adrien Vogt-Schilb, Julie Rozenberg, Mook Bangalore. *Economics of Disasters and Climate Change*, 4, 223-247.

## Work in progress

**Mapping preferences derived from a choice experiment : a comparison of two methods**, with Léa Tardieu, Romain Crastes dit Sourd and Maia David. **Pre-print version**. Under review in *Environmental and Resource Economics*.

**Identifying public lighting switch-offs from space: A breakpoint detection approach using VIIRS data**, with Christopher Kyba and Sébastien Castets.

**Assessing the impact of public lighting switch-off policies on crime**.

## Non peer-reviewed articles and opinion papers

**Early Warnings: Coverage, Determinants of Reception, and Benefits. What surveys can tell us.** (2025) with Louise Bernard, Bramka Arga Jafino and Paolo Avner. *World Bank, Policy Research Working Paper 11199*

**Éclairer la ville ou protéger la biodiversité : faux dilemme** (2025) in The Conversation, with Léa Tardieu, Léa Mariton, and Maia David.

**Éclairage public : les Français sont-ils prêts à éteindre la lumière ?** (2022) in The Conversation, with Léa Tardieu, Maia David, Christine Jez and Jennifer Amsallem.

**Leveling Up - Impacts of Performance-Based Grants on Municipal Revenue Collection in Mozambique** (2021) with Alvina Erman, Carla Solis Uehara. *World Bank, Policy Research Working Paper 9789*.

## Additional work experience

**World Bank**, Short-Term Consultant (GFDRR)  —  Paris, France
— Conducted econometric analyses and descriptive studies on early warning systems for natural disasters  *10/2024 - 06/2025*

**Inspection générale des finances** (Ministry of economics and finance), Data Scientist  —  Paris, France
— Evaluation of public policies at the request of ministries  *02/2022 - 09/2022*

**World Bank**, Short-Term Consultant (GFDRR)  —  Washington DC, USA
— Supervisors: Stéphane Hallegatte, Jun Rentschler, Paolo Avner, Alvina Erman  *03/2020 - 09/2020*
— Public policy evaluations, literature review

**Veltys**, Data Scientist Intern  —  Paris, France
— Evaluation of the impact of weather conditions on the sales of ready-to-wear clothing  *09/2019 - 02/2020*
— Development of a marketing strategy to find sponsors for a national team

**Athena Infonomics**, Data Scientist Intern  —  Chennai, India
— Statistical study on two different development-related projects  *06/2019 - 08/2019*
— Writing of an article on the impact of drought on women.

**IDHES**, Research assistant  —  Cachan, France
— Statistical and sociological study on "Litigation on employee's inventions"  *06/2018 - 07/2018*

## Seminars, Workshops & Conferences

**2025**: EAERE (European Association of Environmental and Resource Economists) Winter School on Biodiversity Economics, BETA external seminar, PSAE PhD seminar, DCE colloquium (Leipzig), iDiv external seminar (Leipzig), Berlin School of Economics and Law seminar, Institute for Ecological Economy Research (IÖW) seminar (Berlin), AFSE (Association française des sciences économiques) conference.

**2024**: PSAE Internal Seminar, Annual conference of the AES (Agricultural Economic Society) (Edinburgh), Workshop on non-market valuation (Leeds), ValuGaps Summer School "Economic Valuation of Natural Capital: From Theory to Practice", EAERE (European Association of Environmental and Resource Economists) conference (Leuven), FAERE (French Association of Environmental and Resource Economists) conference (Strasbourg).

**2023**: EAAE (European Association of Agricultural Economics) Congress (Rennes), FAERE conference (Montpellier), 21st Workshop on Spatial Econometrics and Statistics, 5th CIRED International Summer School, "Economy, Health and Environment: Risks and Uncertainties" workshop, Salon de l'Agriculture, Université Paris-Saclay PhD Day, UMR TETIS PhD Day.

**2022**: PhD Workshop of the FAERE, PSAE Kick-off seminar

**2021**: UMR TETIS Internal seminar

## Grants, scholarship and awards

| | |
|---|---|
| Mobility grant, **ABIES doctoral school** (€1000) | *2025* |
| Mobility grant, **Graduate School Biosphera** (€2000) | *2025* |
| Best paper award, **Workshop on non-market valuation** (Leeds) | *2024* |
| EAERE participation grant (€500) | *2024* |
| PhD Scholarship, **INRAE (Ecosocio department) and ABIES (AgroParisTech doctoral school)** | *2022* |

## Teaching

**TA sessions**

• Econometrics 2, ENSAE Paris  —  *Spring 2023, Spring 2024*
*Prof. Laurent Davezies and Michael Visser (Graduate Level)*  —  72h

• Intermediate econometrics, ENS Paris-Saclay  —  *Fall 2022, Fall 2023*
*Prof. Gregory Verdugo (Graduate Level)*  —  42h

• Microeconomics, AgroParisTech  —  *Fall 2023*
*Prof. Jean-Christophe Bureau (Bachelor level)*  —  6h

**Lectures**
• Introduction to econometrics, AgroParisTech  —  *Fall 2023, Fall 2024*
*Prof. Elodie Rouvière (Graduate Level)*  —  6h

## Technical Skills and Languages

**Languages**: English (fluent, C1), French (native), Spanish (intermediate, B2)
**Programming and softwares**: R, Python, Stata, LaTeX