

## Status

- Junior scientist (tenure track) at RFF-CMCC European Institute on Economics and the Environment (EIEE), Fondazione Centro Euromediterraneo sui Cambiamenti Climatici (CMCC), Milan, ITALY
- Ph.D. in Economics from the University of Paris-Dauphine, PSL, FRANCE

## Research areas

Involved in the CircEular project at EIEE/CMCC (HORIZON EU)

Environmental economics ; Circular economics ; International economics ; Industrial economics ; Public policy evaluation.

## Education

- 2017 – 2021 **Doctor of Philosophy in Economics**, *University of Paris Dauphine - PSL Research University*, Laboratoire d'Economie de Dauphine (LEDa), CGEMP, Paris, France.  
**Dissertation title** : Developing a Circular Economy : Public Policies and Responses of Economic Actors.  
**Advisor** : Dr. Stéphanie Monjon  
Research visiting at Polytechnique Montreal, GMT, Montreal (March 2020- interrupted by the pandemic)  
Part-time research stay at Mines Paristech, CERNA, Paris (March 2019- March 2020)  
Research visiting at DIW, Climate Policy, Berlin (May 2018-July 2018)
- 2014– 2017 **MRes International Economics and Development**, *Université Paris Dauphine*, Paris, France.
- 2011– 2013 **Bachelor of Applied Economics**, *Université Paris Dauphine*, Paris, France.  
Third year in exchange at University of Vienna, Austria.

## List of publications and work in progress

### Work in progress

- [From micro-circularity to macro-mitigation.](#)  
Co-authored with Elena Verdolini and Cristina Cattaneo (EIEE)  
Communication : *ISIE 2023, Leiden*
- [Empirical evaluation of the economic and environmental efficiency of Extended Producer Responsibility in Quebec.](#)  
Co-authored with Karima Afif & Bocar Samba Ba (Université de Laval)  
Communications : *IAERE 2023, Naples ; IBEO Workshop 2023, Corte ; TSE environmental seminar (2023)*
- [Tax-subsidy schemes for recycling when quantity and quality of waste matter.](#)  
Co-authored with Karima Afif & Bocar Samba Ba (Université de Laval)  
Communication : *IAERE 2023, Naples*

- [Recycling in a Globalised Economy](#)

Communications : *IPWSD 2021 Columbia University, New-York City (online)*; *IAERE 2021, Brescia; (online)* *EAERE 2021, Berlin (online)*; *EEA-ESEM 2021, Copenhagen (online)*; *FAERE 2021, Grenoble*; *EAERE summer school 2021, Seggau*; *CIREC seminar, 2022, Paris*; *ESCP seminar, 2022, Paris*; *CEEM seminar, 2022, Montpellier*; *Florence School of Regulation Climate Conference (2023)*

- [Implementing a Circular Economy with Producer Responsibility Organisations](#)

Co-authored with Pierre Fleckinger (Mines Paristech, PSE).

Communications : *EAERE 2020, Berlin (online)*; *FAERE 2020, Grenoble (online)*.

## Publications.

- Joltreau, E. (2022) "Extended Producer Responsibility, Packaging Waste Reduction and Eco-design", *Environmental and Resource Econ.*

Communications : *EEA-ESEM 2018, Cologne*; *DIW Berlin, Climate Policy seminar*; *Dauphine PhD Workshop*; *Dauphine CGEMP Internal seminar*; *Mines-Paristech CERNA seminar*; *IPWSD 2020 Columbia University, New-York City (online)*; *Climate Economics Chair, lunch seminar, Paris*; *OECD EPR Workshop 2023*; *GDR CNRS « déchets, valeurs, sociétés », Nice 2023.*

- Chiappinelli, O. *et al.* (2020) "A Green COVID-19 Recovery of the EU Basic Materials Sector : Identifying Potentials, Barriers and Policy Solutions", *Climate Policy*.

- Joltreau, E. and Sommerfeld, K. (2018) "Why Does Emissions Trading Under the EU ETS not Affect Firms' Competitiveness? Empirical Findings from the Literature", *Climate Policy*.

- Joltreau, E. (2018) "Pricing products' negative externalities at end-of-life using eco-modulation. Discussion from case studies", *Economics and Policy of Energy and the Environment*.

Communication : *OECD EPR Workshop, Paris, 2023*; *GDR CNRS « déchets, valeurs, sociétés », Nice 2023.*

## Reports and other.

- Joltreau, E. (2022) "Five Years after China's Plastic Import Ban : Have Europeans Taken Responsibility?", Briefings de l'Ifri, July 4, 2022

- Joltreau, E. (2019) "(De)globalisation of International Plastic Waste Trade. Stakes at Play and Perspectives", Édito Énergie, IFRI, 18 September 2019

- Neuhoff *et al.* (2018) "Filling gaps in the policy package to decarbonise production and use of materials", DIW & Climate Strategies.

- OECD Science, Technology and Industry Scoreboard 2017

*Analyses (in French) for BSI Economics, a French Think Tank on economics and finance*

– Note, 2023, "Circular economy and carbon neutrality in the industry"

– Note, 2021, "The economy of plastics"; podcast for Melchior

– Note, 2020, "Solidarity reuse"

– Chapter "Complementary local currencies" in the book, *Je comprends enfin l'économie*, DUNOD, 2019.

– Note, 2018, "International waste trade"

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## Teaching and training experience

2022 **Environmental Economics**, Université Paris Dauphine, Paris, France.

Content : *Environmental policy and instruments*; *Pareto-optimal pollution level*; *marginal abatement cost curve (expert-based and model-based)*

Lecture (French) for the Master of Sustainable Development (6h, 2nd semester)

- 2022 **Circular Economics : An Acquired Waste**, ESCP Business School, Paris, France.  
Content : *Definition of waste, state of the art, physical possibilities of a circular economy, economic modeling, public policies and geopolitical issues*  
 Lecture (English) for the Master of Management MiM (2h, 1st semester)
- 2021 **Circular economy policies**, Université Paris Dauphine, Paris, France.  
Content : *Regulatory framework; regulatory targets and restrictions; EPR; incentive instruments*  
 Lecture (French) for the Master of Finance (1h30 x2, 1st semester)
- 2021 **The circular economy, public policies and local government action**, CIDEFE, Paris, France.  
 Training (French) for local elected officials (municipalities). A day co-organised with E. Lorang.
- 2020-2021 **Microeconomics, L3**, Université Paris Dauphine, Paris, France.  
Content : *Intertemporal general equilibrium, Fisher's theorem, arbitrage valuation of financial assets, intertemporal general equilibrium under uncertainty.*  
 Lectures and exercises (French) at the third year undergraduate level (3h/week, 1st semester)
- 2020 **Statistics, L3**, Université Paris Dauphine, Paris, France .  
Content : *Survey, inference, sampling, parametric and non-parametric test theory, usual theoretical laws and approximations of laws, sampling distributions, confidence intervals, parametric and non-parametric hypothesis testing.*  
 Lectures and exercises (French) at the third year undergraduate level (3h/week, 1st semester)
- 2019, 2021, **Trade in waste**, Université Paris Dauphine, Paris, France.  
 2022 Content : *State of the art; international trade in solid waste; international conventions and regulations; main actors; national sword operation; the place of plastics; waste traffic; circular economy principles.*  
 Lecture (French) for the Master AID & Master Peace Studies (3h, 1st semester)
- 2017 - 2019 **Microeconomics, L1**, Université Paris Dauphine, Paris, France.  
Content : *Theory of the consumer and the firm; partial and general equilibrium.*  
 Lectures, exercises and midterms (French) at the first year undergraduate level (2 groups; 1,5h/week/group; 1st and 2nd semester)

## Grants and fellowships

- Visiting fellowship (Polytechnique, Montréal). *Doctoral School of Economics, Université Paris-Dauphine*
- Visiting fellowship (DIW, Berlin). *Doctoral School of Economics, Université Paris-Dauphine & DIW, Climate Policy Department*
- Three-year doctoral contract to pursue a PhD. *Université Paris-Dauphine, French Ministry of Higher Education and Research.*
- Merit-based grant to do an ERASMUS-exchange. *Fondation de l'Université Paris Dauphine.*

## Research and field experience

- Jan. 2024 - **Junior scientist**, EIEE/CMCC, Milan, Italy.  
 present CircEular project (HORIZON-EU)
- Sep. 2022 - **Postdoctoral researcher**, EIEE/CMCC, Milan, Italy.  
 Dec. 2023 CircEular project (HORIZON-EU)
- Sep. 2020 - **ATER**, UNIVERSITE PARIS-DAUPHINE, Paris, France.  
 Aug. 2022 Temporary teaching and research associate

- February 2019 **Research Assistant**, UNIVERSITE PARIS-DAUPHINE, Paris, France.  
Assistant to Dr. Stéphanie Monjon for the projet MECÉE (experimental economics to improve waste sorting at Paris-Dauphine University)
- June–August 2017 **Research Trainee**, OECD, STI/EAS, Paris, France.  
Internship within the Economic and Statistics division; Directorate for Science, Technology and Innovation.
- March 2016 – July 2016 **Economist Intern**, *French Treasury, Economic Service of Canberra*, Canberra, Australia.  
Internship for the external service of the French Treasury in Australia, associated to the French Embassy to Australia
- December–March 2016 **Research Trainee**, ZEW, Mannheim, Germany.  
Joint work with Dr. Katrin Sommerfeld on competitiveness effects of the EU ETS.
- May 2015 – October 2016 **Economist Intern**, ECO-EMBALLAGES, Paris, France.  
Internship in the French producer responsibility organisation for packaging in France
- July 2014 – September 2014 **Assistant**, TÜRK EKONOMI BANKASI, Istanbul, Turkey.  
Internship at the bank’s head office, department of Financial Affairs

## Services and volunteering experience

- 2023 **Organiser**, EIEE/CMCC, Milan, Italy.  
Monthly meeting of the institute
- 2021 **Co-organiser**, UNIVERSITE PARIS-DAUPHINE, Paris, France.  
Seminar of the department of Economics, weekly event.
- 2020-2022 **Member**, UNIVERSITE PARIS-DAUPHINE - *social and environmental responsibility network*, Paris, France.  
Representation of Ph.D. students in economics. Coordination, brainstorming about best practices, prevention of environmental and social risks.
- 2019 **Co-organiser**, UNIVERSITE PARIS-DAUPHINE, Paris, France.  
PhD Workshop, annual event.
- 2019-2020 **Facilitator**, THE CLIMATE COLLAGE, Paris, France.  
Collaborative workshop based on the work of the IPCC for collectively understanding the complexity of climate change.
- 2017-2022 **Member**, BSI ECONOMICS, Paris, France.  
Think tank on economics and finance. Contribution to a book, articles and podcasts.

## Computer skills

- Intermediate SAS, GAMS  
Advanced R, Stata, L<sup>A</sup>T<sub>E</sub>X, OpenOffice

## Languages

- French : native speaker  
— German : intermediate  
— English : fluent  
— Italian : intermediate

## References

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