

# Romain Fillon

Looking for an academic position

Preferred location: London Greater Area

French citizen (EU), born 12/96

rfillon@protonmail.com

(+33)611770621

**Field:** environmental economics

**Themes:** economic dynamics, risk and uncertainty, spatial approaches, social choice

**Methods:** dynamic stochastic optimization, dynamic quantitative spatial models

## Professional Appointment

---

The World Bank, GFDRR, consultant

From January 2025

Research on socioeconomic benefits of improved weather forecast skill

## Education

---

Université Paris-Saclay, PhD in Economics [pdf, slides]

December 2024

*Best Doctoral Dissertation Award - European Association of Environmental and Resource Economists*

Advisors: Céline Guivarch, Vincent Martinet

Committee: Marc Fleurbaey, Fanny Henriet, Frances C. Moore, Frank Venmans

Affiliated to CIRED & Paris-Saclay Applied Economics (INRAE)

Fulbright visit at Columbia University, USA, 5 months, Fall 2023

Université Paris-Saclay, MRes in Environmental Economics

2021

ESSEC Business School, MSc in Management

2020

Université Paris 1, BSc in Economics

2016

ENS Paris-Saclay, Social Sciences, Major in Economics

2015-2021

## Research work (\* first author)

---

### Working papers

Fillon\*, 'The biophysical channels of climate impacts' (**JMP 1 - spatial**) [pdf]

Fillon\*, Céline Guivarch, 'The need for regulation of climate subsystems' (**JMP 2 - risk**) [pdf]

Fillon\*, Manuel Linsenmeier, Gernot Wagner, 'Climate shift uncertainty and economic damages' [pdf]

### Work in progress

Fillon\*, 'Place-based *ex ante* environmental policy against climate risk in the European Union'

Fillon\*, Paolo Avner, Stéphane Hallegatte, 'Heterogeneous dividend properties of weather information'

### Publication

Fillon\*, Céline Guivarch, Nicolas Taconet, 2023. 'Optimal climate policy under tipping risk and temporal risk aversion', *Journal of Environmental Economics and Management* [code, coverage, pdf]

## Talks (\* scheduled)

---

[2025] Bocconi (Economics, job talk), PSAE (x2), RIEF 2025 (AMSE), EAERE\* (NHH)

[2024] EAERE (KU Leuven), LAGV (AMSE, Marseille), iRisk invited seminar (IESEG & LEM, Lille),

FAERE (BETA, Strasbourg), Doctoriales (CIRED), Econ. PhD Meeting (Paris-Saclay)  
[2023] MIT (CEEPR, weekly lunch), Columbia (SIPA, Sus. Dev. Colloquium), Duke (UPEP PhD seminar), Yale (Env., PhD seminar), Econ. PhD Meeting (Paris-Saclay)  
[2022] Public Economic Theory (AMSE), EAERE (Bologna), annual FAERE (Rouen), MUSEES (EM Lyon), 12th FAERE Workshop, CIRED, Paris-Saclay (CEPS, PhD seminar)  
[2020] Oxford (Centre for Business Taxation)

## Awards

---

[2025] Best Doctoral Dissertation, European Association of Environmental and Resource Economists  
[2023] Fulbright Grant for a research stay at Columbia University (September 23 to January 24), with additional mobility grant from Paris Greater Area (Fall 2023)  
[2021] 3-years PhD grant, Université Paris-Saclay (2021-2024), 3 months, Ecole des Ponts (Fall 2024)  
[2015] 4-years fully-funded studies at Ecole Normale Supérieure (ENS) Paris-Saclay (2015-2021)

## Non-research work

---

**Service to the profession** Co-organizer of the Parisian PhD seminar on economics and environment (First edition held at CIRED, April 2024, 10 centers from Paris greater area represented)  
**Teaching Assistant:** Econometrics (Fall 2022 Graduate, Sciences Po Paris, SIPA, Pr. Junnan He), Climate-economy models (Fall 2022 Graduate, Université Paris-Saclay, Pr. Céline Guivarch)  
**Reviewer** for *Resource and Energy Economics*

## Relevant past positions

---

[2019] RA in Public Economics, Oxford University, CBT, with Pr. Eddy H.F. Tam (9 months, UK)  
[2019] Volunteer Intern, UN World Food Programme, supply chain division (3 months, Rome)  
[2017] Intern, *Cour des Comptes*, France's supreme audit institution (4 months, Paris)  
[2016] Intern, French Consulate in Shanghai (3 months, China)

## Skills

---

**Programming & softwares:** GitHub, LaTeX, Microsoft Office, Python, R, Stata.  
**Languages:** French (native), English (fluent), German (once fair, now declining)

## References

---

**Johannes Emmerling** *PhD follow-up committee* [mail]: EIEE Milan  
**Gernot Wagner** *Fulbright visit host* [mail]: Columbia University  
**Stéphane Zuber** *PhD follow-up committee* [mail]: CNRS, Paris 1 & PSE  
**Céline Guivarch**, *PhD advisor* [mail]: CIRED, Ecole des Ponts, Institut Polytechnique de Paris  
**Vincent Martinet**, *PhD advisor* [mail]: PSAE, INRAE, Université Paris-Saclay  
**Stéphane Hallegatte**, *current employer* [mail]: World Bank Chief Climate Economist