

Romain Fillon

Looking for an academic position

Preferred location: London Greater Area

French citizen (EU), born 12/96

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(+33)611770621

Field: environmental economics

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

Methods: dynamic stochastic optimization, dynamic quantitative spatial models

Professional Appointments

The World Bank, consultant

From January 2025

Affiliated to GFDRR. Research on socioeconomic benefits of improved weather risk management

With Paolo Avner (Senior Economist) and Stéphane Hallegatte (Chief Climate Economist)

Education

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

December 2024

Best Doctoral Dissertation in Environmental Economics in Europe - EAERE, 2025

Best Doctoral Dissertation in Economics in Paris Greater Area - Chancellerie de Paris, 2025

Advisors: Céline Guivarch (CIRED), Vincent Martinet (INRAE)

Committee: M. Fleurbaey (PSE), F. Henriët (AMSE), F. C. Moore (UC Davis), F. Venmans (LSE)

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, updated version in prep.]

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

Fillon*, Linsenmeier (Princeton), Wagner (Columbia), 'Climate shift and economic damages' [code, pdf]

Fillon*, Avner & Hallegatte (WB), 'Indirect dividends of weather risk management' [upon request]

Work in progress

Fillon*, 'Revisiting the global distribution of climate damages'

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

Publication

Fillon*, Guivarch & Taconet (CIRED), 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 Bergen)
[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 in Economics in Paris Greater area, First Prize, Chancellerie de Paris
[2025] Best Doctoral Dissertation in Environmental Economics in Europe, 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*, *World Development*.

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

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