

Lauriane Mouysset

CIREN — International Research Center on Environment and Development

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Born 1987 · 3 maternity leaves

Biodiversity – Ecology. Economics. Philosophy. – Bioeconomic models. Viability. Planetary boundaries.

AWARDS

2025	Nominated for the Young Economist Award (Le Monde / Circle of Economists)
2024	CNRS Bronze Medal
2024	Villa Medici Residency, Rome

POSITIONS

2022 — ...	Research Director CNRS, CIREN
2014 — 2022	Research Scientist CNRS, CIREN / GREThA (Bordeaux)
2013 — 2014	Contract Lecturer AgroParisTech, PSAE
2012 — 2013	Postdoctoral Researcher University of Cambridge, Department of Land Economics

PHDS & HABILITATION

2024	PhD in Philosophy Paris 1 Panthéon-Sorbonne University
2021	Habilitation (HDR) in Economics Paris 1 Panthéon-Sorbonne University
2012	PhD in Ecology National Museum of Natural History

EDUCATION

2018	Master's in Philosophy of Science — Paris 1 Panthéon-Sorbonne
2009	Master's in Economics — Paris 1 Panthéon-Sorbonne
2009	Master's in Ecology — National Museum of Natural History
2009	Diploma from École Normale Supérieure — ENS Ulm, Paris
2006	Preparatory classes (CPGE BCPST) — Lycée Pierre de Fermat, Toulouse

SCIENTIFIC RESPONSIBILITIES

National Bodies

2021 — 2029	Elected then appointed member of CoNRS, section 40 (Economics and Management)
2025 — 2029	Gender Equality Representative, CoNRS section 40

Project Leadership

2021 — ...	Creation and leadership of BIOECON group, CIREN
2025 — 2033	Targeted Project Leader, PEPR DYNABIOD
2025 — 2028	Project Leader, CESAB BEYONDS
2024 — 2025	Project Leader, Villa Medici RECIT

Publishing

2016 — 2024	Co-direction of Sciences Durables collection, Éd. Rue d'Ulm
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RESEARCH PROJECTS

Ongoing

2025 — 2033	PEPR DYNABIOD — Targeted Project Leader
2025 — 2028	CESAB BEYONDS — Project Leader
2024 — 2025	Villa Medici RECIT — Project Leader
2021 — ...	BIOECON — Creation and leadership

Completed

2021 — 2023	AMAZONAS — Project Leader
2021 — 2022	TerCO — Participant
2019 — 2021	IBIS — Participant
2017 — 2020	ANR COMPAG — Co-coordinator
2017 — 2018	SENTIER — Participant
2016 — 2021	ANR EPIQUE — Participant
2016 — 2020	GEOSAFE — Participant
2015 — 2018	ANR ACroSS — Participant
2015 — 2017	LaBex COTE NAVIRE — PI
2015 — 2016	Belmont Forum SEAVIEW — Participant
2015 — 2016	ANR RESUS — Participant
2013 — 2015	FP7 TRUSTEE — Participant
2011 — 2014	FRB MOBILIS — Participant
2009 — 2013	ANR FarmBird — Participant

SCIENTIFIC COMMITTEES & EXPERTISE

2021 — ...	Member, Occitanie regional strategic committee (Biodiv-Oc)
2021 — 2022	Member, ANR selection committee (Sustainability)
2019 — 2021	Member, CESAB scientific committee
2016 — 2020	Member, Yves Rocher Foundation ethics committee
2016	Member, FAERE National Conference scientific committee
2015	Member, NRM International Conference scientific committee

SUPERVISION

Postdoctoral Researcher

2019 — 2020	Ilaria Brunetti (co-sup. R. Sabatier)
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PhD Students

2024 — 2027	Léo Bulckaen (co-sup. H. Levrel). Univ. Paris-Saclay. IPEF fellowship.
2023 — 2026	Adrien Fauste-Gay (co-sup. O. Vidal). Univ. Grenoble. ENS Paris fellowship.
2022 — 2025	Bijan Valilou (co-sup. E. Berr, A. Godin). Univ. Bordeaux. ENS Rennes fellowship.
2022 — 2025	Valentin Cocco (co-sup. R. Chakir). Univ. Paris-Saclay. IPEF fellowship.
2021 — 2024	Simon Jean (co-sup. C. Costello). Univ. Paris-Saclay. ENS Saclay fellowship.
2021 — 2024	Baptiste Parent (co-sup. A. Missemmer). Univ. Paris-Saclay. IPEF fellowship.
2019 — 2022	Mohamad Chhaytle (co-sup. R. Ouvrard). Univ. Poitiers. Nouvelle-Aquitaine fellowship.
2018 — 2021	Jérôme Faure (co-sup. S. Gaba). Univ. Bordeaux. Doctoral school fellowship.
2016 — 2019	Yanis Elalamy (co-sup. L. Doyen). Univ. Bordeaux. Cifre fellowship.

Master's Students

2024	Sacha Poultier
2023	Wiame Zoubdi
2021	T. Nguyen, B. Parent, T. Hazoumé, A. Ferrante, H. Charoud, V. Cocco, T. Guillet
2020	Dounia Khamouch
2018	Jérôme Faure
2016	Claire Rais Assa, Fidèle Djassou
2011	Marie Miglianico

THESIS & HDR COMMITTEES

HDR

2022 Clélia Sirami (INRAE) — Institut Polytechnique de Toulouse

PhD

2025 Margaux Durand, Alice De Lapparent
2021 Zafrani Uwingabire, Soukaina Anougmar, Alice Colsaet
2020 Thibaut France
2018 François Bareille

TEACHING

2023 — 2025 Economics of the Living — Court of Auditors (9h/year)
2018 — 2025 Biodiversity Economics — Paris 1 Panthéon-Sorbonne M1/M2 (15h/year)
2018 — 2025 Ecological Economics — AgroParisTech M2 (15h/year)
2014 — 2017 Ecological Economics — Sciences Po Paris M1 (20h/year)
2012 — 2014 Resource Econ., Applied Math, Ecology — AgroParisTech (192h/year)
2010 — 2012 CAP, Ecology, Modeling — AgroParisTech, PontParisTech, Dauphine (28h/year)

MEDIA & OUTREACH

Op-eds

Jan. 2026 Les abeilles sont-elles les nouveaux harengs ? — Les Échos
Nov. 2025 Est-ce bien raisonnable d'avoir plusieurs COP ? — Les Échos
Oct. 2025 Le PIB est-il au crépuscule de sa vie ? — Les Échos
Sep. 2025 La protection de la biodiversité est-elle une cause ? — Les Échos
June 2025 Les crédits biodiversité ne sont ni un pacte diabolique... — Les Échos
March 2018 Réformes Macron : Faire face à la crise écologique... — Le Monde
March 2017 Réformer la PAC pour initier une transition agro-écologique — Slate
June 2015 Comprendre le défi de la biodiversité — Huffington Post
July 2014 Politiques publiques agricoles : durable n'est pas synonyme de vert — Huffington Post

Interviews & Shows

June 2025 Quoted in article by Pascal Riché — Le Monde
May 2025 Lundi C'est Politique — La Chaîne Parlementaire
May 2025 Interview — Le Monde
2024 La météo du Climat (3 appearances) — France 2
Dec. 2024 Bronze Medal Portrait — CNRS
July 2024 Interview — INEE / CNRS
June 2023 Deforestation: the Amazonians' dilemma — Le Journal du CNRS
Jan. 2023 Meeting Emeric Fohlen / Lauriane Mouysset — EHESS
2021 Ecology at IHPST — IHPST
2021 Women in Science — French Institute of Bucharest
Nov. 2017 Du grain à moudre — France Culture

TEDx Talks

2018 TEDx Bordeaux
2015 Les Ernest — École Normale Supérieure

EXPERTISE FOR POLICYMAKERS

Hearings

Nov. 2026 Hearing at ANSES
Sep. 2025 Lecture at Climate Academy — Paris
June 2025 Senate committee hearing

Policy Reports

2019 Biodiversity in large-scale crop plains — ECOBIOSE Report

Executive Summaries — European Commission

2014 Sustainable agriculture with profitable farming... — DG Environment Issue 369
2013 Risk-averse behaviour may improve farmland biodiversity — DG Environment Issue 330
2011 Partnering biodiversity and income on French Farmlands — DG Environment Issue 236

ART & SCIENCE

Projects

- 2024 — 2025 RECIT — Villa Medici, Rome (Project Leader)
2021 — 2023 AMAZONAS — With Emeric Fohlen (Project Leader)

Art Book

- 2023 Amazonas (with E. Fohlen) — Presses des Ponts

Exhibitions

- Jan. 2025 AMAZONAS — Ministry of Ecological Transition, Paris
Dec. 2023 AMAZONAS — Quincave, Paris
March 2023 AMAZONAS — International Tourism Fair, Paris
Sep. 2022 AMAZONAS — Sustainable Development Center, Paris
June 2022 AMAZONAS — Night of the Forests Festival, Bois de Vincennes

WOMEN & SCIENCE

- 2025 — ... Ambassador, Sciences Taille XXElles program
2025 — 2029 Gender Equality Representative, CoNRS section 40
2025 — ... Participation in CNRS gender equality working group

PUBLIC SCIENCE OUTREACH

- 2017 Film-debate Les rencards du savoir — University of Bordeaux
2015 CNRS Youth Meetings Science and Citizens
2009 — 2012 Lecturer at Grande Galerie de l'Évolution — MNHN, Paris

Popular Publication

- 2018 Terrain de jeu — in Qu'est-ce que la science pour vous ? Vol. 2

Online

Cross-perspectives on Biodiversity — Instagram @lauriane_mouysset

PUBLICATIONS

Books

- (3) Mouysset, L. 2026. Essay (title forthcoming). Éditions de l'Observatoire.
(2) Fohlen, E. & Mouysset, L. 2023. Amazonas. Presses des Ponts.
(1) Mouysset, L. 2015. Rethinking the Biodiversity Challenge: Ecological Economics. Rue d'Ulm.

Edited Volumes

- (3) Magnin, L., Rouméas, R. & Basier, R. 2023. Environmental Policies Under Constraints. Rue d'Ulm.
(2) Cauvet, M. & Perrissin Fabert, B. 2019. Participatory Science for Biodiversity. Rue d'Ulm.
(1) Cauvet, M. & Perrissin Fabert, B. 2018. Local Currencies: Towards Responsible Development. Rue d'Ulm.

Research Articles

- (34) Cocco, V., Chakir, R. & Mouysset, L. 2025. Guilty or scapegoat? Land consolidation and the hedgerow decline. J. Environ. Econ. Manag.
(33) Faure, J., Gaba, S., Perrot, T., Bretagnolle, V. & Mouysset, L. 2025. Economic efficiency of nature-based solutions. J. Environ. Manag.
(32) Faure, J. & Mouysset, L. 2025. Natural insurance as a green alternative for farmers? Ecological Economics.
(31) Mouysset, L. 2025. The use of photography in collaboration between scientists and photographers. Rev. Fr. Méthodes Visuelles.
(30) Faure, J., Mouysset, L., Decourtye, A., Allier, F. & Gaba, S. 2024. How pollinator dependence may mediate farmer adoption. Environ. Res. Comm.
(29) Ferrante, A. & Mouysset, L. 2024. Deforestation fight in the sight of Brazilian Amazonas inhabitants. Tree, Forest and People.
(28) Mouysset, L. 2024. Economic utilitarianism and the living. Cahiers Philosophiques.

Research Articles (continued)

- (27) Chhaytyle, M., Ouvrard, R., Poinot, T. & Mouysset, L. 2023. Parameter-varying PDE to model global change impacts. *Ecological Modeling*.
- (26) Cocco, V., Kervinio, Y. & Mouysset, L. 2023. Relaxing the production-conservation trade-off. *Ecological Economics*.
- (25) Faure, J., Gaba, S. & Mouysset, L. 2023. Combining incentives with collective action to provide pollination. *Ecosystem Services*.
- (24) Mouysset, L. 2023. On diversity of human-nature relationships in environmental sciences. *Hist. Phil. Life Sciences*.
- (23) Brunetti, I., Sabatier, R. & Mouysset, L. 2023. A spatial model for biodiversity offsetting. *Ecological Modeling*.
- (22) Parent, B., Mouysset, L., Missemmer, A. & Levrel, H. 2023. Building integrated models: Gordon's 1954 fishery model. *J. Hist. Econ. Thought*.
- (21) Mouysset, L. 2023. Bioeconomic modeling: the case of French agriculture. *Revue d'Économie Politique*.
- (20) Guillet, T. & Mouysset, L. 2022. Productive versus environmental objectives of agricultural policies. *Frontiers Environ. Sci.*
- (19) Jean, S. & Mouysset, L. 2022. Bioeconomic models for terrestrial social-ecological system management: a review. *Int. Rev. Environ. Res. Econ.*
- (18) Elalamy, Y., Doyen, L. & Mouysset, L. 2019. Contribution of the land use allocation model. *J. Environ. Management*.
- (17) Ouvrard, R., Mercère, G., Poinot, T., Jiguet, F. & Mouysset, L. 2019. Dynamic models for bird population. *Control Engineering Practice*.
- (16) Mouysset, L. et al. 2019. Solutions for a win-win partnership between agriculture and biodiversity. *Solutions*.
- (15) Mouysset, L. et al. 2019. Bioeconomic impacts of agroforestry policies in France. *Land Use Policy*.
- (14) Mouysset, L., Doyen, L., Léger, F., Jiguet, F. & Benton, T. 2018. Operationalizing sustainability as a safe policy space. *Sustainability*.
- (13) Sabatier, R. & Mouysset, L. 2018. A robustness-based viewpoint on the production-ecology trade-off. *Agricultural Systems*.
- (12) Péreau, J.C., Mouysset, L. & Doyen, L. 2017. Groundwater management in a food security context. *Environ. Resource Economics*.
- (11) Mouysset, L. 2016. Reconciling agriculture and biodiversity in public policies. *Regional Environmental Change*.
- (10) Mouysset, L. et al. 2016. Dynamic models for bird community in farming landscapes. *Environ. Modeling Assessment*.
- (9) Mouysset, L. et al. 2015. Costs and benefits of agricultural public policies. *European Rev. Agricultural Economics*.
- (8) Mouysset, L. 2014. Agricultural public policy: green or sustainable. *Ecological Economics*.
- (7) Mouysset, L., Doyen, L. & Jiguet, F. 2013. From population viability analysis to co-viability. *Conservation Biology*.
- (6) Doyen, L. et al. 2013. Ecological-economic modelling for the sustainable management of biodiversity. *Comp. Management Science*.
- (5) Mouysset, L., Jiguet, F. & Doyen, L. 2013. How do the farmer risk preferences affect the biodiversity? *Ecological Applications*.
- (4) Mouysset, L., Jiguet, F. & Doyen, L. 2012. Ecological responses to economic public agricultural policies. *Ecological Indicators*.
- (3) Mouysset, L. et al. 2011. Bio-economic modeling for sustainable management of biodiversity and agriculture. *Ecological Economics*.
- (2) Mouysset, L., Doyen, L. & Jiguet, F. 2010. Risk aversion impact on bio-economic performances. *Proceedings ISEE*.
- (1) Mouysset, L., Doyen, L. & Jiguet, F. 2010. Innovation rigidity and ecological-economic reconciliation. *Proceedings ISDA*.

Book Chapters

- (2) Mouysset, L. 2021. The value of biodiversity in scientific debates. In *Thinking Environmental Protection*, Éd. matériologiques.
- (1) Sabatier, R., Mouysset, L. & Tichit, M. 2019. A mathematical approach to agroecosystem co-viability. In *Coviability of Social and Ecological Systems*, Springer.

Working Papers

- (5) Faure, J., Gaba, S. & Mouysset, L. What drives farmers' flower strip adoption? Under revision in *Ecological Economics*.
- (4) Jean, S. & Mouysset, L. The wildlands connectivity dilemma: a graph theory computational approach.
- (3) Mouysset, L. Utilitarianism and biodiversity crisis: lessons from ecosystem services.
- (2) Mouysset, L. Planetary boundaries and ethics.
- (1) Mouysset, L. How to think about planetary boundaries?