

SYLVAIN CHABÉ-FERRET

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Date of birth: 04/13/79

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Webpage: <http://sites.google.com/site/sylvainchabeferret/>

Blog: <http://economistjourney.blogspot.fr>

Twitter: @SylvainCF

EMPLOYMENT

2023-present	Head of the Environmental Economics group at the Toulouse School of Economics.
2015-present	Research Associate, Iast.
2012-present	Research Fellow, Inrae and Toulouse School of Economics.
2009-2010	Visiting scholar, Cowles Foundation for the Research in Economics, Department of Economics, Yale University.
2007-2011	Research fellow, UMR Metafort, Irstea (French Institute for the study of agro-environmental policies).

EDUCATION

2008	PhD in Economics, University of Auvergne (CERDI), Clermont-Ferrand, France. Awarded with distinction. Dissertation title: <i>Evaluating the Impact of Public Policies: A General Framework and Applications to Agricultural and Forest Policies</i> . Defense jury: Catherine Araujo-Bonjean (director), Jean-Pierre Florens (referee), Thierry Kamionka (referee), Jean-Louis Arcand, Vianney Dequiedt, Dominique Vollet.
2002	M.S. in Development Economics, University of Auvergne (CERDI).
2001	M.S. in Resource Management, Ecole Nationale du Génie Rural, des Eaux et des Forêts (ENGREF) (French "grande école" for resource management, regional development and agricultural policy), Paris, France.
2000	M.S. in Agronomy, AgroParisTech (French "grande école" of Agronomy), Paris, France.

REFEREED PUBLICATIONS

Forthcoming	"When Nudges Backfire: Evidence from a Randomized Field Experiment to Boost Biological Pest Control," with Philippe Le Coent, Caroline Lefebvre, Raphaele Preget, Francois Salanié, Julie Subervie and Sophie Thoyer, <i>Annales d'Economie et Statistiques</i> .
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- 2023 “Effectively and equitably steering pro-environmental behavior,” with Gesche M. Huebner, Anouch Missirian, Shanyong Wang, Alejandro Lopez-Feldman, Giovanni Sogari, Zhaohua Wang, Hao Li, Bin Zhang, Bo Wang, Srishti Mediratta, Diana Ivanova, *One Earth*, 6(4):329-332.
- 2023 “Non-Monetary Incentives to Increase Enrollment in Payments for Environmental Services,” with Philippe Le Coent, Valentin David-Legleye and Véronique Delannoy, *European Review of Agricultural Economics*, jbad01.
- 2022 “A Multidimensional Evaluation of the Benefits of an Early Pretend-play Training on Cognitive Control and Self-regulation: From Behavior to the Underlying Theta Neuro-oscillatory Activity,” with Nicholas Adam, Agnes Blaye, Rasa Gulbinaite and Chloé Farrer, *Journal of Experimental Child Psychology*, 216, 105348.
- 2019 “Can We Nudge Farmers Into Saving Water? Evidence from a Randomised Experiment,” with Philippe Le Coent, Arnaud Reynaud, Julie Subervie and Daniel Lepercq, *European Review of Agricultural Economics*, 46(3), 393-416.
- 2015 “Analysis of the Bias of Matching and Difference-In-Difference Under Alternative Earnings and Selection Processes,” *Journal of Econometrics*, 185(1), 110-123.
- 2013 “How Much Green for the Buck? Estimating Additional and Windfall Effects of French Agro-Environmental Schemes by DID-Matching,” with Julie Subervie, *Journal of Environmental Economics and Management*, 65(1), 12-27.

PUBLICATIONS IN EDITED VOLUMES

- 2012 “Econometric Methods for Estimating the Additional Effects of Agro-Environmental Schemes on Farmers’ Practices,” in *Evaluation of Agri-Environmental Policies – Selected Methodological Issues and Case Studies*, Ed. by Alison Burrell, OECD. With Julie Subervie.

WORKING PAPERS

- 2024 “How Much Should We Trust Observational Estimates? Accumulating Evidence Using Randomized Controlled Trials with Imperfect Compliance,” with David Bernard, Gharad Bryan, Jon de Quindt, Jasmin Fliegner and Roland Rathelot.
- 2024 “The Impact of Organic Farming on Productivity and Biodiversity: Evidence from a Natural Experiment”, with Marine Coinon, Francois Libois, Anouch Missirian, Marta Pinzan, Arnaud Reynaud, David Sheeren, Clelia Sirami, Eva Tène.
- 2024 “Are Forest Conservation Programs a Cost-Effective Way to Fight Climate Change? A Meta-Analysis,” with Philippe Delacote, Anouch Missirian and Anca Voia.
- 2023 “The EU Nitrate Directive Improved Nitrogen Use Efficiency, Water Quality, and Biodiversity,” with Arnaud Reynaud and Eva Tène.
- 2023 “Are Grassland Conservation Programs a Cost-Effective Way to Fight Climate Change? Evidence from France,” with Anca Voia.
- 2021 “Land Fragmentation, Land Consolidation and Agricultural Productivity: Evidence from France”, with Jacint Enrich.

2017 “Should We Combine Difference In Differences with Conditioning on Pre-Treatment Outcomes?”.

ONGOING PROJECTS

2023-present “The Impact of Banning Neonicotinoids on Production and Biodiversity,” with Marine Coinon.

2020-present “Treatment (Mis)Allocation Under Publication Bias,” with Ryan Briggs.

2018-present “Statistical Tools for Causal Inference,” textbook under contract with Chapman-Hall.

REFEREED PUBLICATIONS AND PUBLICATIONS IN EDITED VOLUMES IN FRENCH

2017 “Evaluation des Politiques Publiques : expérimentation randomisée et méthodes quasi-expérimentales,” with Laura Dupont-Courtade and Nicolas Treich, *Economie et Prévision*, 211-212(2-3), 1-34.

2015 “Commentaire sur l’article de Marianne Bléhaut et Roland Rathelot “Expérimentation contrôlée contre appariement”,” *Economie et Prévision*, Issue 204-205.

2014 “Le rôle de l’orientation syndicale des Chambres d’Agriculture dans la contractualisation des Mesures Agro-Environnementales,” with Florimond Brun, *Vertigo*, Hors-série 20, Décembre 2014.

2013 “Adoption et efficacité des Mesures Agro-Environnementales,” in *Le développement rural en Europe: Quel avenir pour le deuxième pilier de la Politique Agricole Commune?*, Ed. by Aurélie Trouvé, Marielle Berriet-Sollicec and Denis Lépicier, PIE Peter Lang. With Yann Desjeux, Pierre Dupraz and Julie Subervie.

2012 “Les politiques régionales de développement rural: quelles traductions territoriales,” (In French) in *Productions, Gouvernance et Ingénieries Territoriales: Principaux enseignements du programme Pour et Sur le Développement Régional en Auvergne 2007-2011*, Revue d’Auvergne, 126 (602-603), pp 173-187. With Marielle Berriet-Sollicec, Dominique Vollet, Denis Lépicier, Aurélie Trouvé, Anne Leroy, Cristel Bosc and Francis Aubert.

2009 “A Methodological Framework for Estimating the Treatment Effects of the French Agro-Environmental Schemes,” in *Policy and Program Evaluation in Europe: Cultures and Prospects*, Ed. by Annie Fouquet and Ludovic Méasson, L’Harmattan, pp 77-78. With Anne Gassiat, Julie Subervie and Frédéric Zahm.

2009 “The Development Puzzle in Impact Assessment,” in *The Impacts of Trade and Globalisation: Beyond Sustainability Impact Assessments*, Ed. by Paul Ekins and Tancrede Voituriez, Earthscan, pp 19-46. With Julien Gourdon, Mohamed Ali Marouani and Tancrede Voituriez.

NON TECHNICAL PAPERS

2006 “Does Trade Matter? Impact Channels From Trade Down to Workers and Farmers” in *Le Courrier de la Planète*, Vol. 78. With Julien Gourdon.

OLDER WORKING PAPERS

2011	“Estimateur des effets fixes, effets dynamiques d’un traitement et anticipations: application aux aides à l’investissement,” (In French).
2010	“A Generalized Method for Estimating Household Level Welfare Impacts of Price Changes.”
2006	“The Distributional Impacts of Developed Countries Agricultural Policies in Brazil: a Nonparametric Analysis.”

INVITED SEMINARS

2024	University of Grenoble, University of Nancy.
2023	University of Chicago, Club Foret Climat (I4CE).
2022	Bordeaux School of Economics.
2020	PSE, Smart (Inrae, AgroCampus Ouest), TSE, Swedish University of Agricultural Sciences, REECAP, Club Climat Agriculture (I4CE).
2019	University of Zurich, Cerna (Mines), EcoPub (Inra)
2017	University of Bourgogne (Inra)
2016	Inra-Rennes
2014	Aix-Marseille School of Economics, Supagro Montpellier (LAMETA)
2012	Toulouse School of Economics
2011	Toulouse School of Economics, University of Chicago
2010	University of Auvergne(CERDI), University of Sankt Gallen (Suisse), University of Orléans (LEO), CREST, Yale University, University of Pennsylvania.
2009	Yale university, Brown University, INRA (SMART).

CONFERENCES AND WORKSHOPS

09/2024	LSE Environment Week, London, UK.
09/2024	CEE-M Workshop on Environmental Economics, Montpellier, France.
09/2024	MAERNET Conference, Augsburg, Germany.
09/2024	BIOECON Conference, Cambridge, UK.
06/2024	LSE/Imperial College Workshop on Environmental Economics, London, UK.
12/2023	Y-Rise Conference, Gran Cayman, Cayman Islands.
11/2023	IPA methodology conference, Northwestern University, Evanston, Illinois.

12/2021	EC ² Conference on the Econometrics of Climate, Energy, and Resources, online.
07/2021	6 th Conference of the European Association of Agricultural Economists, online.
06/2020	25 th conference of the European Association of Environmental and Resource Economists, online.
03/2015	Royal Economic Society Conference, Manchester, UK.
11/2014	Counterfactual Methods for Policy Impact Evaluation, Rome, Italy.
10/2014	5 th IZA/IFAU Conference on Labor Market Policy Evaluation, Uppsala, Sweden.
09/2014	16 th IZA/CEPR European Summer Symposium in Labor Economics, Ammersee, Germany.
11/2013	French Econometrics Conference, Toulouse, France.
12/2012	6 th INRA/SFER Conference, Toulouse, France.
06/2012	The Econometric Society's North American Summer Meeting, Evanston, IL, USA.
11/2011	INRA Workshop on the Evaluation of Agri-Environmental Schemes, Montpellier, France.
06/2011	OECD Workshop on the Evaluation of Agri-Environmental Schemes, Braunschweig, Germany.
12/2010	4 th INRA/SFER Conference, Rennes, France.
08/2010	10 th World Congress of the Econometric Society, Shanghai, China.
06/2010	4 th World Congress of Environmental and Resources Economists, Montreal, Canada.
09/2008	AFSE Annual Conference, Paris, France.
12/2007	1 st INRA/SFER Conference, Paris, France.
06/2007	INRA Workshop on the Evaluation of Public Policies, Seillac, France.
11/2006	SFER Workshop on Agricultural Policy, Paris, France.
09/2005	Annual joint doctoral workshop CERDI/TEAM/ROSES, Paris, France.
05/2005	AFSE Annual Conference, Clermont-Ferrand, France.
04/2005	AUF/IER/CIRAD Conference on Agricultural Commodities, Bamako, Mali.
06/2004	5 th EUDN Doctoral Workshop, Bonn, Germany.

AWARDS AND GRANTS

Since 2020	Member of the scientific council of the journal "Economie et Prévision."
2020-2021	"How biased are observational methods in practice? Accumulating evidence using RCTs with imperfect compliance," Centre of Excellence for Development Impact and Learning research grant, 183 k€, principal investigator (coordinator: Roland Rathelot, U. of Warwick).

2017-2022	PENSEE: Payments for ENvironmental Services: an Evidence-based Evaluation, French National Research Agency Junior Researcher Grant, 240 k€, coordinator.
2015	Land Consolidation and Structural Transformation: Evidence from France, Inra Junior Researcher Grant, 10 k€.
2013	Excellence in Refereeing Award, Journal of Applied Econometrics.
2008-2009	“Evaluation of Rural Development Policies,” Regional Development Grant (Regional Councils of Auvergne and Bourgogne).
2008-2009	“Evaluation of the Impact of Agro-Environmental Schemes on Farmers’ Agricultural Practices,” French Ministry of Agriculture and French Ministry of Sustainable Development research grants.
2007-2008	“Evaluation of the Impact of Forest Extension Services on Nonindustrial Private Forest Owners’ Management Practices,” French Ministry of Agriculture and Regional Council of Auvergne research grants.
2005-2006	“Evaluation of the Impact of Investment Subsidies Given to Sawmills on their Demand for Wood and Labor” French Ministry of Agriculture research grant.
2003-2006	PhD research grant, French Ministry of Agriculture.

CONSULTANCIES AND REPORTS

2012	French Ministry of Agriculture. “Evaluating the Impact of Forest Extension Services on Private Owners’ Forest Management Practices in France,” with Arnaud Sergent.
2009	French Ministry of Agriculture and French Ministry of Environment. “Estimating the Treatment Effects of the French Agro-environmental Schemes (2000-2006) on Agricultural Practices,” with Julie Subervie.
2009	French Ministry of Agriculture and Regional Council of Auvergne. “Evaluating the Impact of Forest Extension Services on Private Owners’ Forest Management Practices in the Auvergne Region.”
2008	French Ministry of Agriculture. “Methodological Guidelines for the Ex-post Evaluation of the French Agro-environmental Schemes (2000-2006),” with Anne Gassiat, Julie Subervie and Frédéric Zahm.
2007	French Ministry of Agriculture. “Evaluating the Reactions of Timber Supply to Variations in Energy Prices,” with Christian Ginisty and Corentin Levesque.
2007	French Ministry of Agriculture. “Estimating the Treatment Effects of Investment Subsidies on Sawmills’ Demand for Logs and Labor,” with Sylvie Lavigne.
2004	Inter-American Development Bank. “Evaluating the impact of the PROMOSTA Agricultural Extension Program,” with Bruno Barbier and Marie-Gabrielle Piketty.

TEACHING

Starting 2023	Toulouse School of Economics: Econometrics of Program Evaluation (Spring).
2015-2018	Toulouse School of Economics: Empirical Environmental Economics (Spring).
2012-2018	Toulouse School of Economics: Econometrics of Program Evaluation (Spring).
2012	Toulouse School of Economics: Econometrics of Environmental Cost-Benefit Analysis (Fall).
2011	University of Auvergne (CERDI graduate program in development): Identification and Estimation of Treatment Effects.
2011	Chicago graduate program in Economics: lecture on Matching and DID matching.
2010	Yale graduate program in Economics: lecture on Matching and DID matching.
2006-2008	M.S. “Local Development” (AgroParisTech), courses on the Econometric Evaluation of Public Policies.
2005-2006	M.S. “Development of Rural Areas” (University of Auvergne), courses on Econometric Methods and Distributional Consequences of Environmental Policies.

SUPERVISION

Starting 2020	Member of the TSE-IAST Ethical Review Board.
2015-2020	Co-supervision of Jasmin Fliegner, Anca Voia, Jacint Enrich and Eva Tène PhD.
2017-2018	Supervision of Post-doctoral work of Philippe Le CoÁnt.
2014-2017	Co-organizer of the Environmental seminar and workshop at TSE.
2012-2014	Co-organizer of the Econometrics Lunch Workshop and the Applied Economics Workshop at TSE.
2008-2009	Supervision of Julie Subervie, Post Doctoral fellow, Cemagref.

REFEREEING

Referee for	Agricultural Economics, American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, American Journal of Agricultural Economics, Annales d’Economie et Statistique, Ecological Economics, Econometrics Review, Economie et Prévision, Economie Rurale, Economie et Statistiques, Empirical Economics, Environmental and Resource Economics, European Economic Review, European Review of Agricultural Economics, Journal of Applied Econometrics, Journal of the Association of Environmental and Resource Economics, Journal of Development Economics, Journal of Econometrics, Journal of Economic Behavior and Organization, Journal of the European Economic Association, Journal of Environmental Economics and Management, Journal of Policy Analysis and Management, Journal of Public Economics, Land Use Policy, Quantitative Economics, Review of
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LANGUAGE AND COMPUTING SKILLS

Language	English:	Fluent
	Spanish:	Fluent
	Portuguese:	Notions
Computing	Quantitative:	Maxima, R, Stata, SQL.
	Others:	L ^A T _E X , OpenOffice, MS Office, Markdown.