

Curriculum Vitae – François Bareille

Researcher INRAE, affiliated to Paris-Saclay Applied Economics

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French citizen, born in June 1991.

Last update in February 2024

Research position

01/2020 –	Researcher <i>INRAE (Paris-Saclay Applied Economics), Paris Saclay, France</i>
02/2019 – 12/2019	Post-doc <i>University of Bologna (DISTAL), Bologna, Italy</i>
12/2015 – 11/2018	PhD student <i>INRA (SMART), Rennes, France</i>
09/2014 – 11/2015	Research assistant <i>INRA (SMART), Rennes, France</i>

Education

2019	Qualified for French Lecturer by CNU (section 05)
2018	PhD in economics "Agricultural management of ecosystem services: insights from production and environmental economics" <i>Agrocampus-Ouest & University of Rennes 1</i>
2014	Msc in economics <i>Agrocampus-Ouest, Rennes</i>

Research topics

Environmental economics, Agricultural economics, Microeconometrics.

Adaptation to climate change, Biodiversity, Land-use.

Publications (peer-review)

Bareille, F., Chakir, R. & Keles, D. (2024). *Weather shocks and pesticide purchases*. European Review of Agricultural Economics, *Forthcoming*.

Bareille, F., & Chakir, R. (2023). *Structural identification of weather impacts on crop yields: Disentangling agronomic from adaptation effects*, American Journal of Agricultural Economics, *Forthcoming*.

Bareille, F., & Chakir, R. (2023). *The impact of climate change on agriculture: A repeat-Ricardian analysis*. Journal of Environmental Economics and Management, *119*, 102822

Bareille, F., Wolfersberger, J., & Zavalloni, M. (2023). *Institutions and conservation: The case of protected areas*. Journal of Environmental Economics and Management, *118*, 102768.

Bareille, F., Zavalloni, M., & Viaggi, D. (2023). *Agglomeration Bonus and endogenous group formation*. American Journal of Agricultural Economics, *105(1)*, 76-98.

Bareille, F., Zavalloni, M., Raggi, M., & Viaggi, D. (2021). *Cooperative Management of Ecosystem Services: Coalition Formation, Landscape Structure and Policies*. Environmental and Resource Economics, *79(2)*, 323–356.

Osseni, A. F., Bareille, F., & Dupraz, P. (2021). *Hedonic valuation of harmful algal bloom pollution: why econometrics matters?* Land-Use Policy, *107*, 104283.

Bareille, F., & Dupraz, P. (2020). *Productive capacity of biodiversity: crop diversity and permanent grasslands in northwest France*. Environmental and Resource Economics, *77(2)*, 365-399.

Bareille, F., & Gohin, A. (2020). *Simulating the market and environmental impacts of French pesticide policies: a macroeconomic assessment*. Annals of Economics and Statistics, *139*, 1-28

Bareille, F., Boussard, H., & Thenail, C. (2020). *Productive ecosystem services and collective management: lessons from an agent-based model in real landscapes*. *Ecological Economics*, 169, 106482.

Bareille, F., & Zavalloni, M. (2020). *Decentralization of agri-environmental policy design*. *European Review of Agricultural Economics*, 47(4), 1502–1530.

Osseni, A. F., Bareille, F., & Dupraz, P. (2019). *Decoupling values of agricultural externalities according to scale: a spatial hedonic approach in Brittany*. *Revue Économique*, 70(5), 717-755.

Bareille, F., & Letort, E. (2018). *How do farmers manage crop biodiversity? A dynamic acreage model with productive feedback*. *European Review of Agricultural Economics*, 45(4), 617-639.

Bareille, F., Beaugrand, F., & Duvaléix-Treguer, S. (2017). *Objectives' alignment between members and agricultural cooperatives*. *Review of Agricultural, Food and Environmental Studies*, 98(1-2), 75-91.

Selected ongoing works

Ay, J.-S., Bareille, F. and Martinet, V. Strategic pesticide applications between conventional and organic farmers.

Bareille, F., Chakir, R. and Regnacq, C. Terrestrial water cycle and growth.

Bareille, F., Largier, B. Productive value of crop biodiversity: a meta-analysis of the economic literature.

Bareille, F., Zavalloni, M., Viaggi, D. Private and/or public provision of agri-environmental public goods.

Zavalloni, M., Bareille, F. On the design of the agglomeration Bonus.

Other transfer publications

Bareille, F., & Chakir, R. (2023). Révéler la valeur des externalités environnementales : la méthode des prix hédoniques appliquée au marché immobilier. In: *Economie urbaine et environnementale*.

Bareille, F., & Chakir, R. (2023). Impacts du changement climatique sur l'agriculture : des avancées méthodologiques pour une meilleure prise en compte du rôle de l'adaptation. PSAE Brief n°5.

Osseni, A., Bareille, F., & Dupraz, P. (2020). Vers une meilleure prise en compte des externalités agricoles dans l'espace dans les modèles de prix hédoniques. INRAE Sciences Sociales, 2020(910-2020-1328), 1-4.

Bareille, F., Boussard, H., Thenail, C. (2020). Gestion coopérative du contrôle biologique : une affaire de parcellaire agricole. *Actualités INRAE « Sociétés et territoires »*. <https://www.inrae.fr/actualites/gestion-cooperative-du-contrôle-biologique-affaire-parcellaire-agricole>

Dupraz, P., Bareille, F. (2017). Rémunération pérenne pour les services rendus par les agriculteurs. In: *Zones humides: Rôle & place dans la gestion agricole* (p. 73-78). Rennes, FRA: Chambre d'Agriculture de Bretagne.

Gohin, A., Bareille, F., Cariou, S., Chouteau, R., Dupraz, P., Duflo, B., Rubin, B. (2016). *Les emplois liés aux filières de l'élevage en Bretagne: état des lieux quantitatif et qualitatif*. Études & documents, 143, 128p.

Gohin, A., Carpentier, A., Koutchade, O. P., Bareille, F. (2015). *Amélioration de la représentation de l'offre agricole dans les modèles macroéconomiques*. Angers, FRA: ADEME, 122p.

Awards

2020 Second of the Maietta Prize at the 9th AIEEA Conference
2018 Prize for the outstanding European Review of Agricultural Economics paper

Communications (invited seminar are indicated with an asterik)

2024 INRAE PSAE* (Palaiseau, France).
2023 JRSS (Palaiseau, France), EAAE congress (Rennes, France), Workshop on ecological-economic modelling* (Online), Workshop on the regulation of mobile public bads (Palaiseau, France), INRAE ECOSOCIO* (Paris, France), Agricultural and rural land network* (Paris, France)
2022 INRAE BETA* (Nancy, France), FAERE (Rouen, France), INRAE CEE-M* (Montpellier, France), EAERE (Rimini, Italy), INRAE PSAE* (Paris, France).
2021 FAERE (Grenoble, France), EAERE (Online), Climate econometrics network (Online), Workshop CLAND* (Paris, France), INRAE SMART (Rennes, France), INRAE TSE-R* (Toulouse, France), INRAE Economie Publique* (Paris, France).

2020	INRAE SADAPT* (Paris, France), EAERE (Online), AIEAA (Online)
2019	AIEAA (Pistoia, Italy), INRAE GAEL* (Grenoble, France), INRAE Économie Publique, (Paris, France).
2018	JRSS (Nantes, France), INRAE BAGAP* (Rennes, France), AAEA (Washington, USA), IAAE (Vancouver, Canada), WCERE (Gothenburg, Sweden), JMA (Bordeaux, France), Spring school GREEN-ECON (Marseille, France), INRAE CESAER* (Dijon, France).
2017	JRSS (Lyon, France), PAYOTE (Paris, France), EAAE (Parma, Italy), EAERE (Athens, Greece), JMA (Le Mans, France).
2016	JRSS (Paris, France), EAAE (Rennes, France).
2015	AES (Warwick, England).

Teaching experiences

2024 –	Environmental Economics , M1, <i>ENSAE</i> , 21h.
2021 –	Environmental Economics , M1, <i>ENSAE</i> , 21h.
2020 – 2024	Agriculture and Climate Change , M1, <i>University of Picardie</i> , 6h.
2019	Local environmental policies , Professional audience, <i>Tabarka (Tunisia) & Meknes (Marocco)</i> , 8h.
2017 – 2018	Macroeconomics , L3, <i>Agrocampus-Ouest</i> , 16h.
2018	Environmental Economics , M2, <i>Agrocampus-Ouest</i> , 4h.
2017	Microeconomics , L2, <i>University of Rennes 1</i> , 24h.
2016 –	Internship tutor : Abdoul Latif Sokoundou (M2), Gaëtane Le Breuil (M1), Jules Couzier (M2), Benjamin Largier (M1), Abdel Ossenli (M2) et Massim Benali (M2)

Projects

Principal investigator:

<i>On-going</i>	“ACCLIMATE (Adaptation au Changement CLimatique avec des Marchés de la Terre inEfficaces)”, 2023-2025, financed by ANR, 170,965€ .
<i>Past</i>	“Land use and climate change: an econometric approach using fine-grained land data in France”, 2021-2022, financed by INRAE ECOSOCIO department, 14,600€ .

Contributor:

<i>On-going</i>	CLAND (<i>ANR</i>), FAST (<i>ANR</i>), LAMASUS (<i>Horizon Europe</i>)
<i>Past</i>	LIFT (<i>H2020</i>). PROVIDE (<i>H2020</i>), Fermes de références en zones humides (financed by <i>Chambre régionale d’agriculture de Bretagne</i>), EmploiBZH (financed by <i>French Environmental Ministry</i>), AELB-CRESEB (financed by <i>les eaux du bassins rennais</i>), Amélioration de la représentation de l’offre agricole dans les modèles macroéconomiques (financed by <i>ADEME</i>), MEDVILLES (financed by <i>Emilia-Romagna Region</i>)

Referring activities

American Journal of Agricultural Economics, Bio-based and Applied Economics, Canadian Journal of Agricultural Economics, Ecological Economics, Ecosystem Services, Economie Rurale, Environmental and Resource Economics, Journal of Environmental Economics and Management, Natural Resource Modeling, QOpen, Review of Agriculture Food and Environment, Revue d'Economie Régionale et Urbaine, Revue Economique

Others

Languages French (*native*), English (*fluent*), Italian (*advanced*).