

Coordonnées professionnelles

INRAE—AgroParisTech
Paris-Saclay Applied Economics
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Informations personnelles

Date de naissance : 19 décembre 1979

Marié, 2 enfants (2013, 2015)

Nationalité : Française

Expérience professionnelle

01/2022–	Directeur de recherche, INRAE – UMR Paris-Saclay Applied Economics.
09/2021–	Conseiller scientifique au CEPII.
12/2019–08/2021	Chercheur associé au CEPII.
01/2019–12/2021	Directeur de recherche, INRAE – UMR Économie Publique.
09/2018–08/2021	Professeur chargé de cours à temps incomplet à l'École Polytechnique.
07/2012–12/2018	Chargé de recherche, INRA – UMR Économie Publique.
01/2017–06/2018	Chercheur invité, IFPRI, Market, Trade, and Institutions Division.
09/2013–12/2016	Chargé de recherche au CEPII.
09/2011–06/2012	Économiste (consultant), Banque Mondiale, Development Research Group, Agriculture and Rural Development.
05/2008–08/2013	Chercheur associé au CEPII.
05/2008–08/2011	Ingénieur d'étude, INRA – UMR Économie Publique.
11/2006–04/2008	Économiste, CEPII .
08/2006–09/2006	Stagiaire au Center for Global Trade Analysis (Purdue University, Indiana).

Formation

2016	Habilitation à Diriger des Recherches en Sciences Économiques, Université Paris 1 Panthéon Sorbonne. TITRE : Essais sur la dynamique des marchés agricoles. GARANT : Lionel Fontagné (Université Paris 1 Panthéon-Sorbonne). JURY : Antoine Bouët (Université de Bordeaux), Alexandre Gohin (INRA), Valérie Mignon (Université Paris Nanterre), Katheline Schubert (Université Paris 1 Panthéon-Sorbonne), Fabien Tripier (Université d'Évry-Val-d'Essone), Brian D. Wright (UC Berkeley).
2008–2011	Thèse d'économie, École Polytechnique, soutenue le 8 avril 2011 – Mention Très Honorable. TITRE : Instabilité des prix agricoles et politiques optimales de stabilisation. DIRECTEURS : Jean-Marc Bourgeon (INRA) et Sébastien Jean (INRA). JURY : Édouard Challe (École Polytechnique), Christopher L. Gilbert (University of Trento), Michel Juillard (Banque de France), Brian D. Wright (UC Berkeley).
2004–2006	ENGREF – AgroParisTech
2000–2004	École Normale Supérieure de Cachan DEA d'Économie de l'Environnement et des Ressources Naturelles – Mention Très bien. Maîtrise d'Économétrie – Mention Très bien. Bi-licence Sociologie-Économétrie – Mention Bien.

Publications

Revues à comité de lecture

Gouel C. et Legrand N. (conditionally accepted), *The Role of Storage in Commodity Markets : Indirect Inference Based on Grains Data*. Quantitative Economics.

Gouel C. (2025), *Measuring Climate Change Impacts on Agriculture : An Equilibrium Perspective on Supply-Side Approaches*. Journal of the Association of Environmental and Resource Economists, 12(1), 181–220.

Gouel C., Ma Q., and Stachurski J. (2024), *Interest Rate Dynamics and Commodity Prices*. Journal of Economic Theory, 222, 105915.

Gouel C. et Sébastien Jean (2023), *Love of variety and gains from trade*. European Economic Review, 158, 104558.

Gouel C. et Laborde D. (2021), *The Crucial Role of Domestic and International Market-Mediated Adaptation to Climate Change*. Journal of Environmental Economics and Management, 106, 102408.

Gouel C. (2020), *The Value of Public Information in Storable Commodity Markets : Application to the Soybean Market*. American Journal of Agricultural Economics, 102(3), 846–865. (Winner of the European Association of Agricultural Economists' 2020 Research Discovery Award)

Gouel C. et Guimbard H. (2019), *Nutrition transition and the structure of global food demand*. American Journal of Agricultural Economics, 101(2), 383–403.

Gouel C. et Legrand N. (2017), *Estimating the Competitive Storage Model with Trending Commodity Prices*. Journal of Applied Econometrics, 32(4), 744–763.

Gouel C. (2016), *Trade Policy Coordination and Food Price Volatility*. American Journal of Agricultural Economics, 98(4), 1018–1037.

Gouel C., Gautam M. et Martin W. J. (2016), *Managing Food Price Volatility in a Large Open Country : The Case of Wheat in India*. Oxford Economic Papers, 68(3), 811–835.

Gouel C. et Jean, S. (2015), *Optimal food price stabilization in a small open developing country*. World Bank Economic Review, 29(1), 72–101 (Winner of the European Association of Agricultural Economists' 2015 Quality of Policy Contribution Award in honor of Giovanni Anania).

Larson D. F., Lampietti J., Gouel C., Cafiero C. et Roberts J. (2014), *Food security and storage in the Middle East and North Africa*. World Bank Economic Review, 28(1), 48–73.

Gouel C. (2013), *Rules versus discretion in food storage policies*. American Journal of Agricultural Economics, 95(4), 1029–1044.

Gouel C. (2013), *Comparing Numerical Methods for Solving the Competitive Storage Model*. Computational Economics, 41(2), 267–295.

Gouel C. (2013), *Optimal food price stabilisation policy*. European Economic Review, 57, 118–134.

Gouel C. (2012), *Agricultural Price Instability : A Survey of Competing Explanations and Remedies*. Journal of Economic Surveys, 26(1), 129–156.

Gouel C., Mitaritona C. et Ramos M. P. (2011), *Sensitive Products in the Doha Negotiations : The Case of European and Japanese Market Access*. Economic Modelling, 28(6), 2395–2403.

Chapitres de livre

Gaigné C. et Gouel C. (2022), *Trade in agricultural and food products*, dans Barrett C. B. et Just D. R. (ed.) *Handbook of Agricultural Economics*, volume 6, chapitre 88 (pp. 4845–4931) Amsterdam : Elsevier.

Gouel C. (2014), *Food Price Volatility and Domestic Stabilization Policies in Developing Countries*, dans Chavas J.-P., Hummels D. et Wright B. (ed.) *The Economics of Food Price Volatility*, chapitre 7 (pp. 261–306). Chicago : University of Chicago Press.

Jean S., Bricas N. et Gouel C. (2013), *International trade, price volatility and standards for sustainability*, dans Esnouf C., Russel M. et Bricas N. (ed.) *Food System Sustainability : Insights From duALine*, chapitre 8 (pp. 158–175). Cambridge, UK : Cambridge University Press.

Gouel C. (2008), *Comment expliquer la flambée des prix agricoles*, dans CEPII (ed.) *L'économie mondiale 2009*, chapitre 5 (pp. 74–86). Paris : La Découverte.

Autres publications

Gouel C. et Guimbard H. (2017), *La demande alimentaire mondiale en 2050*, La Lettre du CEPII N°377.

Gouel C. (2018), *RECS, an open-source MATLAB solver for stochastic rational expectations models – Version 0.7*, disponible à www.recs-solver.org.

Gouel C. et Ramos M. P. (2008), *L'ouverture agricole américaine et européenne : un enjeu pour le sud ?*, La Lettre du CEPII N°277.

Gouel C. et Hertel T. W. (2006), *Introducing Forest Access Cost Functions into a General Equilibrium Model*, GTAP Research Memoranda, 2215.

Rapports

Boumellassa H., Gouel C. et Laborde D. (2007). *Bilateral and Sectoral Investment Relations at a World Scale Impact on Trade*, Rapport pour la Commission Européenne, Direction Générale du Commerce.

Gouel C. et Laborde D. (2007). *Prospective agriculture 2013*, Rapport pour un projet de prospective du secteur agricole pour l'INRA.

Bénassy-Quéré A., Béreau S., Decreux Y., Gouel C. et Poncet S. (2007). *IMF Quotas at Year 2030*, Rapport pour le ministère français des finances.

Distinctions

2020	Prix de la European Association of Agricultural Economists (Research Discovery Award) pour Gouel (2020)
2018	Lauriers de l'INRA prix "Espoir scientifique"
2015	Prix de la European Association of Agricultural Economists (Quality of Policy Contribution Award in honor of Giovanni Anania) pour Gouel et Jean (2015)

Enseignement

2020–2021	Advanced macroeconomics (CM+TD), Bachelor 3ème année École Polytechnique (39h par an).
2019–2020	Advanced macroeconomics (TD), Bachelor 3ème année École Polytechnique (26h par an).
2018–2021	Économie internationale (TD), 2ème année École Polytechnique (20h par an).
2018–2019	Macroéconomie (TD), 2ème année École Polytechnique (20h par an).
2013–2015	Politiques commerciales (CM), M2 ETE École d'Économie de Paris (18h par an).
2012– (sauf 2017)	Introduction à la modélisation en équilibre général (CM), M2 EDDEE AgroParisTech (20h par an).
2009–2010	Théorie de la croissance (TD), L3 Université Paris 1 Panthéon-Sorbonne (18h).
2008–	Dynamique des prix des matières premières (CM), M2 EDDEE, AgroParisTech (3h par an, sauf 2011–2012).
2008–2010	Commerce international (TD), L3 Université Paris 1 Panthéon-Sorbonne (2x18h en 2008, 18h en 2009).

Conférences, Ateliers, Séminaires

Séminaires invités

2023	SLU Uppsala; IFPRI; Besançon
2022	KU Leuven; UC Berkeley (ARE)
2021	University of Illinois at Urbana-Champaign (AgEcon, CREATE)
2020	AgroCampus Ouest (UMR SMART); SLU Uppsala
2019	CREST; AgroCampus Ouest (UMR SMART); Paris School of Economics
2018	OECD (TAD); Université Paris-Dauphine; Paris School of Economics (Environment and Regulation); University of Illinois at Urbana-Champaign (AgEcon); UC Berkeley (ARE); UC Davis (ARE); US International Trade Commission; Middlebury college; North Carolina State University (AgEcon)
2017	University of Maryland (AgEcon); USDA, Economic Research Service; Purdue University (AgEcon); OCP Policy Center / Université Mohammed V, Rabat; University of Minnesota (AgEcon)
2014	Hoa Sen University, Ho Chi Minh City; CEPREMAP; Université de Bordeaux (LAREFI)
2012	USDA, Economic Research Service; Madison, University of Wisconsin; US International Trade Commission
2011	UC Berkeley (ARE); IFPRI

Conférences

ABCDE , Annual Bank Conference on Development Economics	2011
AFSE , Congr�� annuel de l'Association Fran��aise de Science Economiques	2010, 2022
ASSA , Allied Social Science Associations Annual Meeting	2011
EAAE , European Association of Agricultural Economics Triennial Congress	2014, 2021 (online), 2023
EAERE , Annual Conference of the European Association of Environmental and Resource Economists	2020 (online)
ETSG , Annual Conference of the European Trade Study Group	2021
GTAP , Annual Conference on Global Economic Analysis	2011, 2012, 2014, 2016, 2019, 2023
IATRC , International Agricultural Trade Research Consortium Annual Meeting	2011 (keynote speaker), 2017
INRA-SFER-CIRAD , Journ��es de Recherches en Sciences Sociales	2010, 2023
NCCC-134 , Annual Conference on Applied Commodity Price Analysis, Forecasting and Market Risk Management	2018, 2021 (online)

Colloques

- 2024 **Technical University of Munich** The Economics of the Food System : Transition toward Sustainability (Heilbronn, Germany), keynote speaker
- 2023 **World Bank and UN WFP** Strengthening Strategic Grain Reserves for Sustaining Food Security Workshop (Washington, DC, USA)
- 2021 **AAEA** What Matters In Agricultural Economics ? Setting The Agenda for the Handbook of Agricultural Economics, Vol. 6 (online)
- 2020 **NBER** Agricultural Markets and Trade Policy Conference (online)
- 2018 **INRA-AgroParisTech** Public Policies in the Context of Global Changes Conference (Paris, France); **NBER** Trade and Agriculture Conference (Cambridge, MA, USA)
- 2017 **FAO** International technical conference on climate change, agricultural trade and food security (Rome, Italy)
- 2015 **FERDI** Workshop on market instability and development (Clermont-Ferrand, France); **CNUCED**, Multi-year Expert Meeting on Commodities and Development (Geneva)
- 2014 **World Bank** Food Price Volatility, Food Security and Trade Policy Conference (Washington, DC, USA); **IMF** Conference on Food Price Volatility (Rabat, Morocco); **FAO** Expert meeting on Stocks, Markets and Stability (Rome, Italy)
- 2013 **EAAE** seminar “Challenges for the Global Agricultural Trade Regime after Doha” (Belgrade, Serbia); **IFPRI-ZEF** workshop on food price volatility and food security (Bonn, Germany)
- 2012 **NBER** conference on The Economics of Food Price Volatility (Seattle, USA); **G-20 Commodities Seminar** (Los Cabos, Mexico)
- 2010 **INRA, LEF**, workshop “Natural risks, climate change, natural and renewables resources” (Nancy, France)
- 2008 **Bruegel**, workshop “Farm policies in the EU and the US” (Bruxelles, Belgium)

Rapporteur pour revues à comité de lecture

Agricultural Economics, American Journal of Agricultural Economics, Applied Economics, Australian Journal of Agricultural and Resource Economics, Canadian Journal of Agricultural Economics, Canadian Journal of Economics, Climate Change Economics, Climatic Change, Computational Economics, Econometrica, Economic Modelling, Economie et Statistique, Energy Economics, European Economic Review, European Review of Agricultural Economics, Food Policy, Food Security, GCB Bioenergy, Global Change Biology, International Economics, Journal of Agricultural Economics, Journal of Agricultural & Food Industrial Organization, Journal of Applied Economics, Journal of Development Economics, Journal of Economic Dynamics and Control, Journal of Economic Theory, Journal of Environmental Economics and Management, Journal of Global Economic Analysis, Journal of the Agricultural and Applied Economics Association, Journal of the Association of Environmental and Resource Economists, Journal of the European Economic Association, Nature Communications, Oxford Economic Papers, Review of Agricultural and Environmental Studies, Review of Agricultural, Food and Environmental Studies, Review of Economic Studies, Review of International Economics, Science, The B.E. Journal of Economic Analysis and Policy, The Review of Economics and Statistics, The World Economy

Liste certifiée sur Web of Science : <https://www.webofscience.com/wos/author/record/1494920>.

2022–24 Associate editor American Journal of Agricultural Economics.

2018–21 Associate editor Review of Agricultural, Food and Environmental Studies

Autres activités de rapporteur

AFD, Commission Européenne – DG Recherche, Ministère français de l’agriculture, Conférence annuelle GTAP (2014, 2017–9), IFPRI, USDA/ERS, EAAE Publication awards committee (2018–20), Conférence annuelle RIEF (2024).

Membre de jury de thèse

Riccardo Norbiato (CREST ENSAE, 2024)

Clara Bouyssou (University of Copenhagen, 2024)

Charlotte Janssens (KU Leuven, 2022)

Chouaib Jouf (Université Paris-Nanterre, 2021)

Pierrick Piette (Université Lyon 1, 2019)

Anaïs Goburdhun (École Polytechnique, Paris-Saclay University, 2019)

Simone Pfuderer (University of Trento, 2014)

Arnaud Rault (Agrocampus Ouest, 2013)

Membre de comités de thèse

Léa Maquet (INRIA, 2024–)

Jeanne Astier (CREST ENSAE, 2024–)

Chloé Antoine (CREST ENSAE, 2023–)

Youssef Salib (Paris School of Economics, 2023–)

Mickael Pouliquen (Agrocampus Ouest, 2020–)

Membre de comités de recrutement

2023 Bordeaux School of Economics, Assistant prof. “Economic of commodities”