

Christophe Gouel

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Office Contact Information

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Personal Information

Date of Birth: December 19, 1979

Married, 2 children (2013, 2015)

Citizenship: French

Work experience

01/2022– Senior research fellow, INRAE – Paris-Saclay Applied Economics.
09/2021– Scientific advisor at CEPII.
12/2019–08/2021 Research associate at CEPII.
01/2019–12/2021 Senior research fellow, INRAE – Économie Publique.
09/2018–08/2021 Part-time professor, École Polytechnique, Department of Economics.
07/2012–12/2018 Research fellow, INRA – Économie Publique.
01/2017–06/2018 Visiting research fellow, IFPRI, Market, Trade, and Institutions Division.
09/2013–12/2016 Research fellow, CEPII.
09/2011–06/2012 Economist (consultant), The World Bank, Development Research Group, Agriculture and Rural Development.
05/2008–08/2013 Research associate at CEPII.
05/2008–08/2011 Economist, INRA – Économie Publique.
11/2006–04/2008 Economist, CEPII.
08/2006–09/2006 Intern at the [Center for Global Trade Analysis](#) (Purdue University, Indiana).

Education

2016 Accreditation to Supervise Research in Economics (Habilitation), University Paris 1 Panthéon Sorbonne.
TITLE: Essays on agricultural markets dynamics.

2008–2011 Ph.D. in Economics, École Polytechnique, defended on April 8, 2011.
TITLE: Agricultural price instability and optimal stabilisation policies.
ADVISORS: Jean-Marc Bourgeon (INRA) and Sébastien Jean (INRA).
COMMITTEE: Édouard Challe (École Polytechnique), Christopher L. Gilbert (University of Trento), Michel Juillard (Banque de France), Brian D. Wright (Berkeley).

2004–2006 Executive master in environmental studies, AgroParisTech-ENGREF, Paris.

2000–2004 École Normale Supérieure de Cachan – Social sciences department

2003–2004 M.Sc. in environmental economics with highest honors, Paris West University.

2001–2003 B.Sc. in econometrics with highest honors, Paris West University.

Publications

Refereed journals

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

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

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

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

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

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

Book chapters

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

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

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

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

Other publications

Gouel C. and 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*, available at www.recs-solver.org.

Gouel C. and Ramos M. P. (2008), *American and European Agricultural Market Access: A Concern for The South?*, La Lettre du CEPII N°277.

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

Reports

Boumellassa H., Gouel C. and Laborde D. (2007). *Bilateral and Sectoral Investment Relations at a World Scale Impact on Trade*, Report for the Commission of the European Union, Directorate General for Trade.

Gouel C. and Laborde D. (2007). *Prospective agriculture 2013*, Report for INRA's project on Agriculture 2013 foresight.

Bénassy-Quéré A., Béreau S., Decreux Y., Gouel C. and Poncet S. (2007). *IMF Quotas at Year 2030*, Report for French finance ministry.

Awards

2020	European Association of Agricultural Economists' Research Discovery Award for Gouel (2020)
2018	INRA's Promising Researcher Award
2015	European Association of Agricultural Economists' Quality of Policy Contribution Award in honor of Giovanni Anania for Gouel et Jean (2015)

Teaching

2020–2021	Advanced macroeconomics (Lectures+TA), 3 rd year Bachelor, École Polytechnique (39h per year).
2019–2020	Advanced macroeconomics (TA), 3 rd year Bachelor, École Polytechnique (26h per year).
2018–2021	International trade (TA), École Polytechnique 2 nd year (20h per year).
2018–2019	Macroeconomics (TA), École Polytechnique 2 nd year (20h per year).
2013–2015	Trade Policy, Master level, Paris School of Economics (18h per year).
2012–(except 2017)	Applied General Equilibrium Modeling, Master level, AgroParisTech (20h per year).
2009–2010	Growth theory (TA), Bachelor level, Université Paris 1 Panthéon-Sorbonne (18h).
2008–	Commodity price dynamics, Master level, AgroParisTech (3h per year).
2008–2010	International trade (TA), Master level, Université Paris 1 Panthéon-Sorbonne (2x18h in 2008, 18h in 2009).

Conferences, Workshops, Seminars

Invited seminars

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

Conferences

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)

Workshops

- 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)

Referee reports for scientific journals

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

Certified list of reviews on 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

Other referee reports

AFD, European Commission – DG Research, French Ministry of Agriculture, GTAP Annual Conference (2014, 2017–20, 2024), IFPRI, USDA/ERS, EAAE Publication awards committee (2018–20), RIEF Annual Conference (2024).

Member of PhD Committees

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)

Member of PhD Supervisory Committees

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–)

Member of Hiring Committees

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