

## Office Contact Information

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Twitter: @ChristopheGouel

## Personal Information

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Date of Birth: December 19, 1979

Married, 2 children (2013, 2015)

Citizenship: French

## Work experience

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07/2012– Research fellow, INRA – Économie Publique.  
01/2017–06/2018 Visiting research fellow, IFPRI.  
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

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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

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### Refereed journals

Gouel C. and Guimbard H. (forthcoming), *Nutrition transition and the structure of global food demand*. American Journal of Agricultural Economics.

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.

### **Working papers**

Gouel C. (2018), *The Value of Public Information in Storable Commodity Markets: Application to the Soybean Market*.

Gouel C. and Laborde D. (2018), *The Crucial Role of International Trade in Adaptation to Climate Change*.

Gouel C. and Legrand N. (2017), *Bayesian Estimation of the Storage Model using Information on Quantities*. TSE Working Paper 17-776.

Gouel C., Guimbard H. and Laborde D. (2012), *A Foreign Direct Investment database for global CGE models*. CEPII Working Paper 2012-08.

### **Book chapters**

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](http://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.

### **Teaching**

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| 2013–2015          | Trade Policy, 5 <sup>th</sup> year, Paris School of Economics (18h per year).  |
| 2012–(except 2017) | Introduction to Computable General Equilibrium modeling, 5 <sup>th</sup> year, AgroParisTech (15h per year).   |
| 2009–2010          | Growth theory (Teaching assistant for Katheline Schubert), 3 <sup>rd</sup> year, Université Paris 1 Panthéon-Sorbonne (18h).                           |
| April 2009         | Applied general equilibrium modelling, training for WTO staff joint with Hugo Valin, Geneva (4 days).  |
| 2008–              | Commodity price dynamics, 5 <sup>th</sup> year, AgroParisTech (3h per year).   |
| 2008–2010          | International trade (Teaching assistant for Lionel Fontagné), 3 <sup>rd</sup> year, Université Paris 1 Panthéon-Sorbonne (2x18h in 2008, 18h in 2009). |

## Conferences, Workshops, Seminars

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- 2018, May 31–June 1, **INRA-AgroParisTech** Public Policies in the Context of Global Changes Conference, Paris, France.
- 2018, May, 17–18, **NBER** Trade and Agriculture Conference, Cambridge, MA, USA.
- 2018, April, 16–17, **NCCC-134** Conference, Minneapolis, MN, USA.
- 2018, March, 30, **University of Illinois at Urbana-Champaign**, Department of Agricultural and Consumer Economics, invited seminar, Urbana-Champaign, IL, USA.
- 2018, March, 2, **UC Berkeley**, Department of Agricultural and Resource Economics, invited seminar, Berkeley, CA, USA.
- 2018, March, 1, **UC Davis**, Department of Agricultural and Resource Economics, invited seminar, Davis, CA, USA.
- 2018, February, 27, **US International Trade Commission**, invited seminar, Washington, DC, USA.
- 2018, February, 16, **Middlebury college**, Department of Economics, invited seminar, Middlebury, VT, USA.
- 2018, February, 13, **North Carolina State University**, Department of Agricultural and Resource Economics, invited seminar, Raleigh, NC, USA.
- 2017, December, 3–5, **IATRC**, annual meeting, Washington, DC, USA.
- 2017, November, 15–17, **FAO** International technical conference on climate change, agricultural trade and food security, Rome, Italy.
- 2017, November, 8, **University of Maryland**, Department of Agricultural and Resource Economics, invited seminar, College Park, MD, USA.
- 2017, October, 18, **USDA**, Economic Research Service, invited seminar, Washington, DC, USA.
- 2017, September, 14, **Purdue University**, Department of Agricultural Economics, invited seminar, West Lafayette, IN, USA.
- 2017, May, 12, **OCP Policy Center / Université Mohammed V**, invited seminar, Rabat, Maroc.
- 2017, April, 26, **University of Minnesota**, Department of Applied Economics, invited seminar, St. Paul, MN, USA.
- 2016, June, 15–17, **GTAP**, annual meeting, Washington, DC, USA.
- 2015, June, 24–25, **FERDI**, Workshop on market instability and development, Clermont-Ferrand, France.
- 2015, April, 15–16, **UNCTAD**, Multi-year Expert Meeting on Commodities and Development, Geneva.
- 2014, November 13, **Hoa Sen University**, invited seminar, Ho Chi Minh City, Vietnam.
- 2014, October 24, **CEPREMAP**, invited seminar, Paris, France.
- 2014, September 18–19, **World Bank** Food Price Volatility, Food Security and Trade Policy Conference, Washington, DC, USA.
- 2014, August 26–29, **EAAE** Congress, Ljubljana, Slovenia.
- 2014, June 18–20, **GTAP**, annual meeting, Dakar, Senegal.
- 2014, May 14, **LAREFI**, invited seminar, Bordeaux, France.
- 2014, March 28, **CEPREMAP**, invited seminar, Paris, France.
- 2014, February 27–28, **IMF** Conference on Food Price Volatility, Rabat, Maroc.

- 2014, January 30–31, **FAO** Expert meeting on Stocks, Markets and Stability, Rome, Italy.
- 2013, August 28–30, **EAAE** seminar “Challenges for the Global Agricultural Trade Regime after Doha”, Belgrade, Serbia.
- 2013, January 31–February 1, **IFPRI-ZEF** workshop on food price volatility and food security, Bonn, Germany.
- 2012, August 15–16, **NBER** conference on The Economics of Food Price Volatility, Seattle, USA.
- 2012, June 27–29, **GTAP**, annual meeting, Geneva, Switzerland.
- 2012, May 14, **THEMA**, invited seminar, Cergy, France.
- 2012, May 5–6, **G-20 Commodities Seminar**, Los Cabos, Mexico.
- 2012, May 3, **World Bank**, internal seminar, Washington, DC, USA.
- 2012, February 23, **World Bank**, Sustainable Development Network Forum, Washington, DC, USA.
- 2012, February 15, **USDA**, Economic Research Service, invited seminar, Washington, DC, USA.
- 2012, February 10, **Madison, University of Wisconsin**, invited seminar, USA.
- 2012, February 2, **US International Trade Commission**, invited seminar, Washington, DC, USA.
- 2011, December 11–13, **IATRC**, annual meeting, St. Petersburg, FL, USA.
- 2011, December 6, **World Bank**, internal workshop on public stocks, Washington, DC, USA.
- 2011, November 17–18, **World Bank**, internal workshop on “Development Policy in a Riskier World”, Washington, DC, USA.
- 2011, October 21, **UC Berkeley**, Department of Agricultural and Resource Economics, invited seminar, Berkeley, CA, USA.
- 2011, June 16–18, **GTAP**, annual meeting, Venice, Italy.
- 2011, May 30–June 1, **ABCDE**, Annual Bank Conference on Development Economics, Paris, France.
- 2011, March 24, **CEPII**, internal seminar, Paris, France.
- 2011, February 7, **École Polytechnique**, internal seminar, Paris, France.
- 2011, January 10, **IFPRI**, invited seminar, Washington, DC, USA.
- 2011, January 6–9, **ASSA**, annual meeting, The Econometric Society session, Denver, USA.
- 2010, December 9–10, **INRA-SFER-CIRAD**, annual meeting, Rennes, France.
- 2010, November 4–5, **AgFoodTrade** meeting (FP7 project), Seville, Spain.
- 2010, September 30, **CEPII**, internal seminar, Paris, France.
- 2010, September 9–10, **AFSE**, annual meeting, Paris, France.
- 2010, September 6–7, **INRA**, LEF, workshop “Natural risks, climate change, natural and renewables resources”, Nancy, France.
- 2010, May 21, **INRA**, internal seminar, Économie publique, Paris, France.
- 2009, May 14–15, **AgFoodTrade** meeting (FP7 project), Roma, Italy.
- 2008, March 10, **Bruegel**, workshop on “Farm policies in the EU and the US”, Brussels, Belgium.

## Referee reports for scientific journals

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Agricultural Economics, American Journal of Agricultural Economics, Australian Journal of Agricultural and Resource Economics, Canadian Journal of Agricultural Economics, Climate Change Economics, Computational Economics, Economic Modelling, European Review of Agricultural Economics, Food Policy, Food Security, Global Change Biology, Journal of Agricultural Economics, Journal of Applied Economics, Journal of Economic Dynamics and Control, Journal of Economic Theory, Journal of Environmental Economics and Management, Journal of Global Economic Analysis, Nature Communications, Oxford Economic Papers, Review of Agricultural and Environmental Studies, Review of Agricultural, Food and Environmental Studies, Review of Economic Studies, The B.E. Journal of Economic Analysis and Policy, The Review of Economics and Statistics, The World Economy

Certified list of reviews on publons: <https://publons.com/a/1248053/>.

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

## Other referee reports

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AFD, European Commission – DG Research, French Ministry of Agriculture, GTAP Annual Conference (2014, 2017, 2018), IFPRI, USDA/ERS.

## **Member of PhD Committees**

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Simone Pfuderer (University of Trento, 2014)

Arnaud Rault (Agrocampus Ouest, 2013)