

Ewen GALLIC

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RESEARCH INTERESTS

Environmental Economics, Applied Econometrics, Demographics, Applied Statistics.

CURRENT AND PREVIOUS POSITION

2018 –	Assistant Professor, Aix-Marseille University & Aix-Marseille School of Economics (AMSE), Marseille, France
2017 – 2018	Postdoctoral researcher, Institut Louis Bachelier and CREM UMR CNRS 6211, Rennes (France).
2013 – 2017	Teaching and Research Assistant, University of Rennes 1 and CREM UMR CNRS 6211, Rennes (France).
2013 – 2016	Doctoral Scholarship from Ministry of Research, Rennes (France).

EDUCATION

2013 – 2017	Ph.D. student in Economics, University of Rennes 1, France. Advisor: Catherine BENJAMIN. Thesis title: “ <i>Climate Change and Agriculture</i> ”. Committee: <ul style="list-style-type: none">◦ Pascale Combes-Motel – Université d’Auvergne◦ Jean-Paul Chavas – University of Wisconsin (rapporteur)◦ Jean-Christophe Poutineau – CREM, Université de Rennes 1◦ Katheline Schubert – Paris School of Economics, Université Paris 1 Panthéon-Sorbonne◦ Alban Thomas – INRA, Toulouse School of Economics (rapporteur)
2012 – 2013	Master of Statistics and Econometrics (with Highest Honours), University of Rennes 1, France.
2011 – 2012	MSc in Statistics and Econometrics, University of Rennes 1, France, Study Abroad: University of Montreal, Qc, Canada.
2008 – 2011	B.S in Economics, University of Rennes 1, France.

PUBLISHED ARTICLES

- *Kernel density estimation based on Ripley’s correction* (2016), with Arthur CHARPENTIER, *GeoInformatica*, 20(1), 95-116.
- *L’impact de la crise financière sur la performance de la politique monétaire conventionnelle de la zone Euro* (2017), *Revue économique*, 68(HS1), 63-86, with Poutineau, J.-C., Vermandel, G, *Revue Économique*.

WORKING PAPERS

- *Airbnb in Paris : Quel impact sur l’industrie hôtelière ?* (2018), with V. MALARDÉ
- *2018 FIFA World Cup: Paul the octopus is back* (2018), with E. BELZ, R. GATÉ, V. MALARDÉ, J. MERLET, A. CHARPENTIER
- *Étude de la démographie française du XIXe siècle à partir de données collaboratives de généalogie* (2018), with A. CHARPENTIER, hal-01724269.
- *Weather Shocks, Climate Change and Business Cycles* (2017), with G. VERMANDEL, MPRA Paper No. 81230.
- *Climate change in India: how to protect farmers?* (2017), with C. BENJAMIN.
- *Effects of Climate Change on Agriculture: a European Case Study* (2017), with C. BENJAMIN.
- *Recovering the French Party Space from Twitter Data* (2015), with F. BRIATTE, halshs-01511384.

OTHER SCIENTIFIC OUTPUT

- [Introductory book](#) on R (in French).
- Slides accompanying the chapters of the book: [getting started](#), [data](#), [tables](#), [functions](#), [loops and vectorization](#), [plots with ggplot2](#), [linear regression](#).
- [Crash course](#) on R.
- R *Package* «[kdeborder](#)» to correct border bias in the estimation of kernel densities for point processes.

CONFERENCES, WORKSHOPS AND SEMINARS

- 2018 | **Conference**, 7th R Meeting,
Étude de la démographie française du XIXe siècle à partir de données collaboratives de généalogie
Rennes, France, 5–7 April.
- Conferences**, Chairs Days: Insurance, Actuarial Science, Data and Models,
Étude de la démographie française du XIXe siècle à partir de données collaboratives de généalogie (Poster)
Paris, France, 11–12 June.
- Seminar** of the «History and Population» (UR11) unit of the The French Institute for Demographic Studies,
Étude de la démographie française du XIXe siècle à partir de données collaboratives de généalogie
Paris, France, 12 April.
- Conference**, Environmental Economics : a focus on Natural Resources,
Weather Shocks, Climate Change and Business Cycles
Orléans, France, 5–6 April.
- Thematic School**, TEPP-CNRS Evaluation of Public Policy,
Étude de la démographie française du XIXe siècle à partir de données collaboratives de généalogie, (Poster).
Aussois, France, 19–23 March.
- 2017 | **Conférence**, X international, interdisciplinary conference on spatial statistics, geographical epidemiology and geographical aspects of public health (GEOMED 2017), *Spatial Aspects of Collaborative Demography via Genealogical Data*
Porto, Portugal, 7–9 septembre.
- 2016 | **Seminaire** of the GAINS,
Climate Shocks and Business Cycles.
Le Mans, France, 6 September.
- Workshop**, 3rd International MACroeconomics workshop (IMAC),
Climate Shocks and Business Cycles
Rennes, France, 1-2 December.
- Conference**, 33rd International Symposium on Money, Banking and Finance,
Climate Shocks and Business Cycles
Clermont-Ferrand, France, 7–8 July.
- Conference**, 65th Annual Meeting of the French Economic Association,
Climate Shocks and Business Cycles
Nancy, France, 27–29 June.
- Conference**, Conference on Sustainable Resource Use and Economic Dynamics (SURED 2016),
Climate Shocks and Business Cycles
Banyuls-sur-Mer, France, 6–9 June.
- Workshop**, 4^e Workshop Microéconomie Appliquée,
Climate Shocks and Business Cycles
Rennes, France, 20 May.
- Doctoral Workshop**,
Climate Shocks and Business Cycles
Rennes, France, 28 avril.

- Workshop**, 5th French Association of Environmental and Ressource Economists (FAERE) Thematic Workshop,
Effects of Climate Change on Agriculture: a European case study
Rennes, France, 24–25 March.
- Thematic School**, TEPP-CNRS Evaluation of Public Policy,
Climate Shocks and Business Cycles (Poster)
Aussois, France, 14–18 March.
- Internal Doctoral Seminar**,
Climate Shocks and Business Cycles
Rennes, France, 10–11 March.
- 2015 **Conference**, 64th Annual Meeting of the French Economic Association,
Effects of Climate Change on Agricultural Profits: a French Case Study
Rennes, France, 22–24 June.
- Internal Doctoral Seminar**,
Climate Change in India: How to Protect Farmers?
Rennes, France, 19–20 February.
- Conference**, Société Française d’Economie Rurale,
Climate Change in India: How to Protect Farmers? (Poster),
Rennes, France, 12–13 February.
- 2014 **Conference**, Environment and Natural Resources Management in Developing and Transition Economies,
Economic Impact of Climate Variability in India: a Ricardian Analysis
Clermont-Ferrand, France, 08–10 October.
- Internal Doctoral Seminar**,
Discussion of an article.
Rennes, France, 13–14 February.
- Seminar**, 30min’ INSIDE,
Economics and Climate Change: Should Indian Farmers Rejoice for Climate Change?
Seminar aimed at undergrad students
Rennes, 03 December.
- 2013 **Workshop**, Analyse de données spatio-temporelles en océano-météo,
Climate Change and Agriculture: Impacts on Wheat and Corn Yields in France
Landéda, France, 28–29 November.
- Conference**, R meeting,
Kernel Density Estimation Based on Ripley’s Correction(Poster and lightning talk, winner of the poster contest),
Lyon, France, 27–28 June 2013.
- 2012 **Seminar**, Séminaire Quantact,
Presentation of work completed during a research internship.
Montreal, 16 July.

TEACHING ACTIVITIES

Computer science

- **Introduction to R**, 20 hours of lectures/tutorial (2014, 2015, 2016)
Graduate (1st year), University of Rennes 1.
Lesson notes (in French) : http://egallic.fr/Enseignement/R/m1_stat_eco_logiciel_R.pdf.
Data manipulation, user-defined functions, graphics, statistical methods, ...
- **Introduction to Web APIs**, 1 day practical work for R. SUIRE (2014)
Graduate (2nd year), University of Rennes 1.
Basic operation, practical case with Twitter APIs.

Statistics, Econometrics

- **Statistics**, 18 hours tutorials, for T. KARCHER (2012, 2013, 2014, 2015, 2016)
Undergraduate (2nd year), University of Rennes 1.
Introduction to probability, random variables, theoretical distributions, approximations of probability distribution functions, sampling distributions, confidence intervals, ...
- **Econometrics** 12 hours tutorials, for T. KARCHER, (2013, 2014, 2016)
Undergraduate (3rd year), University of Rennes 1.
OLS, hypothesis testing, multicollinearity, heteroskedasticity, autocorrelation in residuals, variable choice, dummy variables, ...

Economics

- **Monetary Economics and Finance**, 12 hours tutorials for J.C. POUTINEAU (2015, 2016)
Undergraduate (2nd year), University of Rennes 1.
Credit multiplier, AS-AD and IS-LM models, Taylor rule, monetary policy, macroeconomic equilibrium, expectations, ...
- **Introduction to Macroeconomics** (in English), 12 hours tutorials for C. BENJAMIN (2016)
Undergraduate (1st year), University of Rennes 1.
Fundamental principles of macroeconomics, System of National Accounts, ...
- **Microeconomics**, 16 hours tutorials for O. L'HARIDON (2016)
Undergraduate (1st year), University of Rennes 1.
Fundamental principles of microeconomics, buyers, sellers and equilibrium, consumer's behaviour, behaviour of firms, market and competition, ...
- **Methodology**, 10 hours tutorials, for C. GUÉGUEN (2013)
Undergraduate (1st year), University of Rennes 1.
Document research, problematization, ...

LANGUAGES

ENGLISH: Fluent
FRENCH: Mother tongue

COMPUTER SKILLS

Programming Languages: R (expert), Python (advanced), MATLAB, SAS, java.
Markup Languages: L^AT_EX, R Markdown, HTML, CSS.
Databases: SQL (advanced).
Office Software: Ms Office (Word, Excel, PowerPoint, Access), LibreOffice.

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