

# Fanny Henriet

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Birth : Jul. 22<sup>th</sup> 1985  
Nationality : French

*Updated : October, 2013*

## Research fields

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Environmental economics, Natural resources, Optimal taxation, Extreme events

## Current position

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2013- **Associate Member of Paris School of Economics**  
**CNRS Researcher**

## Education

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2008-Oct 2012 **PhD in Economics** (*Highest Honors*)  
Paris school of Economics (PSE), Paris, France  
Dissertation : *Essays on the economics of climate change*  
Supervisor : Professor Roger Guesnerie  
Committee :U. Chakravorty, S. Gauthier, R.Guesnerie, M.Moreaux,  
K. Schubert and C.Withagen

2007-2008 **M.Sc. Econometrics and Mathematical Economics** (*Merits*)  
London School of Economics and Political Science (LSE), London, UK

2004-2008 **Ecole Polytechnique**, Palaiseau, France  
Majors in Applied Mathematics and Economics

## Past positions

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2012- 2013 **Post-doctoral researcher**  
Ecole Centrale Paris

2008- 2012 **Economist (PhD candidate CIFRE) at Banque de France**  
Banque de France

## Publications in peer-reviewed journals

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“A Stylized Energy-Economy Model for France” (joint with N. Maggiar and K.Schubert), forthcoming in **Energy Journal**.

“Optimal extraction of a polluting non renewable resource with R&D toward a clean backstop technology”, **Journal of Public Economic Theory**, vol.14, issue 2, pp 311-347, Mars 2012.

“Firm-network characteristics and economic robustness to natural disasters” (with S. Hallegatte and L. Tabourier), **Journal of Economic Dynamics and Control**, Volume 36, Issue 1, Pages 150-167, Janvier 2012.

“The economics of climate change impacts and policy benefits at city scale : a conceptual framework” (with S. Hallegatte et J. Corfee-Morlot), **Climatic Change**, vol.104, issue 1, Pages 51-87, 2011.

## Publications in french

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“La France peut-elle atteindre l’objectif du facteur 4 ? Une évaluation à l’aide d’un modèle stylisé énergie-économie” (joint with N. Maggiar and K.Schubert), forthcoming in **Économie et prévision**.

“Trois questions épineuses à l’arrière-plan des politiques climatiques” (avec R. Guesnerie et J-P. Nicolai), **Annales d’Économie et Statistiques**, Hors Serie 1, Avril 2012.

## Working papers/Work in progress

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“New Insights on the ecological discount rate” (with R. Guesnerie), In progress.

“The Oily Taste of Lies : Over or Under-reporting of Oil Reserves?” (with R. Coulomb and V.Yokeeswaran), In progress.

“Optimal taxation of polluting goods...and also clean ones”, In progress.

“The grey-black paradox : how oil producers can benefit from CO<sub>2</sub> emissions regulation” (joint with R. Coulomb), PSE-Working Paper, 2013.

“Carbon Price and Optimal Extraction of a Polluting Fossil Fuel with Restricted Carbon Capture” (joint with R.Coulomb), PSE-Working Paper, 2010.

## Non academic publications and reports

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“*La bonne manière de répondre au changement climatique*”, Les Echos, 26 Jun. 2013.

“*Croissance verte et croissance économique*” (avec N. Maggiar), Bulletin de la Banque de France, vol.190, 4e trimestre 2012.

“*Actualisation et prise en compte des externalités*” (avec O. Guéant), rapport des travaux menés dans le cadre du programme de recherche “différentiation de l’escompte et prise en compte des externalités” placé sous l’égide de l’Institut Europlace de Finance en partenariat avec la Caisse de dépôts, 2012.

## Communications

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2013	Applied Economics Lunch Seminar, Paris School of Economics Climate Change and Environment Research Seminar, Grantham Research Institute, London School of Economics, London CER-ETH Research Seminar, Zurich Congress of European Association of Environmental and Resource Economists (EAERE), Toulouse Séminaire Fourgeaud, French Ministry of the Economy and Finance, Paris Job Market Seminar, Science-Po, Paris
2012	Environmental Economics Seminar, Ecole Polytechnique, Palaiseau Monte Verità Conference on Sustainable Resource Use and Economic Dynamics (SURED), Ascona Journées Louis-André Gérard-Varet (LAGV), Marseille
2011	Environmental Economics Seminar, Toulouse School of Economics Congress of the European Economic Association (EEA), Oslo Congress of European Association of Environmental and Resource Economists (EAERE), Rome
2010	Congress of the European Economic Association (EEA), Glasgow French Economic Association Congress (AFSE), Paris Journées Louis-André Gérard-Varet (LAGV), Marseille Banque de France Research Seminar, Paris Ecole Polytechnique Environmental Economics Workshop, Palaiseau
2009	Banque de France workshop, Paris

## Teaching experience

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2013-	Core class lectures - Ecole Centrale Paris - Advanced Microeconomics (MSc level)
2009-2013	Small class lectures - Ecole Centrale Paris - Economie 2 (Micro and Macro at MSc level)
2010-2012	Small class lectures - Ecole Centrale Paris - Economie 1 (Micro and Macro at BSc level)
2006-2007	Oral exam - Lycée Louis-Le-Grand - Mathematics (BSc level)

## Awards and grants

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2013	Ph.D. Prize of the French Economic Association for the best dissertation defended in 2012
2008-2011	Doctoral Grant CIFRE, Banque de France and French Ministry of Research
2007	Ecole Polytechnique, Award for the best master thesis in economics
2004-2008	Ecole Polytechnique, Full fellowship by merit

## Referee service

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Environmental and resource economics - International economic review - Economie et prévision

## Language and skills

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Languages	<b>French</b> Mother tongue <b>English</b> Fluent <b>Spanish</b> Very basic skills
Computer skills	Matlab, Dynare, Maple, R, Basic skills in Java ; L <sup>A</sup> T <sub>E</sub> X, MS Office, Visual Basic