

# Mathias Berthod

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## Personal infos

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Birth : 15 March 1987, France  
Address : CEE-M, CNRS, INRA, SupAgro  
2 place Pierre Viala  
34060 Montpellier  
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## Research interests

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Environmental economics, natural resources, nonrenewable, public economics, pollution, ecological transition, game theory, differential games

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## Current position

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2018 – present **Postdoctoral Researcher**  
*Centre of Environmental Economics (CEE-M), University of Montpellier,  
CNRS, INRA, SupAgro, Montpellier, France*

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## Education

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2013 - 2018 **PhD in Economics**  
*University Paris 1 Panthéon-Sorbonne, Paris School of Economics (PSE),  
Paris*  
Dissertation: « Natural resources and strategic behaviors: three essays on game theory in environmental economics » (defense on 5th September 2018)  
Committee: A. d'Autume, A. Pommeret, F. Prieur, K. Schubert, M. Tidball  
Advisor: Katheline Schubert

2013 - 2017 **MSc Musicology**  
*Conservatoire National Supérieur de Musique et de Danse, Paris*

2011 - 2012 **MSc Theoretical and Empirical Economics**  
*Université Paris 1 Panthéon-Sorbonne, Paris*

2009 – 2014 **Musical Degrees** (piano and composition)  
*Conservatoire à Rayonnement Musical, Cergy-Pontoise*

2008 – 2012 **Ecole Normale Supérieure**, Cachan

2005 – 2008 **Classes Préparatoires aux Grandes Ecoles** (mathematics, physics)  
*Lycée Saint-Louis, Paris*

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## Past position

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- 2016 - 2018    **Attaché Temporaire d'Enseignement et de Recherche (ATER)**  
*Université Paris 1 Panthéon-Sorbonne*
- 2015 – 2016    **Teaching assistant**  
*Ecole Normale Supérieure de Cachan*

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## Publication in french

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« *Les réserves spéculatives de pétrole des pays de l'OPEP durant la bataille des quotas* », **Revue Française d'Economie**, 31(3), janvier 2017.

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## Work in progress

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« *On agreements in a nonrenewable resource market: a cooperative differential game approach* »  
(joint work with Hassan Benchekroun, R&R at Journal of Economic Dynamics and Control)

« *The misreporting of oil reserves within a production quotas system : evidence from the Opec's fight for quotas (1982-1988)* »

« *Optimal transition to a backstop substitute in a decentralized economy* »

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## Communications

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- 2018            **Economix Phd seminar**, Nanterre  
**Conference on Sustainable Resource Use and Economic Dynamics**  
(SURED), Ascona  
**Green-Econ Spring School**, Marseille
- 2017            **Regulation and Environment lunch seminar**, Paris School of Economics,  
Paris  
**Conference of European Association of Environmental and Resource**  
**Economists (EAERE)**, Athens  
**EAERE Summer school**, Venise  
**Conference of French Association of Environmental and Resource**  
**Economists (FAERE)**, Nancy
- 2016            **Environmental economics and natural resources workshop**, McGill  
University, Montréal  
**Conference on Sustainable Resource Use and Economic Dynamics**,  
Banyuls-sur-Mer
- 2015            **Conference of French Association of Environmental and Resource**  
**Economists (FAERE)**, Toulouse

2014 **FAERE Workshop**, Nanterre  
**Environmental Economics lunch seminar**, Paris School of Economics, Paris

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## Teaching experience

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2016 – 2018 **General introduction to economics, statistics, national accounting, macroeconomics of growth** (BSc level)  
*Université Paris 1 Panthéon-Sorbonne, Paris*

2015 – 2016 **Microeconomics of uncertainty, game theory** (BSc level)  
*Ecole Normale Supérieure, Cachan*

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## Grants and awards

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2018 **Invited researcher**, McGill University, Montréal, Canada

2016 **Visiting research mobility**, McGill University, Montréal, Canada, Collège des écoles doctorales de l'université Paris 1

2013 – 2016 **Doctoral grant** (normalien), French Ministry of Research

2014 **Jury and public awards** with « *il y a* » for soprano and small ensemble  
Finalist of Saint Christophe awards of the young composer with « *Une Elegie* » for mixt choir

2008 – 2012 **Ecole Normale Supérieure**, Full fellowship, French Ministry of Research

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## Referee

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Environmental and Resource Economics, American Journal of Agricultural Economics