

**Pierre COURTOIS**  
**Research professor, CEE-M**

**Webpage :** <http://www.cee-m.fr/member/courtois-pierre/>

**Email:** pierre.courtois@inrae.fr

INRAe - AGRO  
Bat 26  
2 Place Viala  
34060 Montpellier

## PROFESSIONAL EXPERIENCE

**Current position : Research professor, INRA, CEE-M, France**

2008-2017      Researcher, INRA, LAMETA, France.  
2004-2008      Assistant Professor « Ramon y Cajal », Universitat Autònoma de Barcelona, Spain.  
2002-2004      Marie Curie individual fellowship, CODE Universitat Autònoma de Barcelona, Spain.  
2001-2002      Research assistant, OECD Paris, France  
2000-2001      Teaching and research assistant, Metz university, France.

## DIPLOMAS

**EPMRA** promotion 2018

**Research director habilitation**, Université Paris Est (2016)

Subject : Management of environmental public goods : Contribution behaviors and decision criteria. Jury : Tarik Tazdaït (supervisor, DR CNRS), Jean Marc Bourgeon (rapporteur, DR INRA), Mireille Chiroleu Assouline (rapporteur, Professor Paris School of Economics), Luc Doyen (examineur, DR CNRS), Mouez Fodha (examineur, Professor, Paris School of Economics), Jean François Jacques (examineur, Professor, Paris Est University), Philippe Quirion (rapporteur, DR CNRS)

**PhD.**, Paris X University (2002)

Subject : International negotiations of global environmental problems : persuasion, dissuasion and imitation. Jury : Simon Cowan (co-supervisor, Professor, Oxford University), Christophe Deisenberg (rapporteur, Professor, Aix-Marseille University), Jean Charles Hourcade (examineur, DR CNRS), Gilles Rotillon (supervisor, Professor, Paris X University), Kathleen Schubert (rapporteur, Professor, Paris I University)

## DISTINCTIONS

2016              Outstanding American Journal of Agricultural Economics Article Award, American Agricultural Economics Association  
2004-2008      Ramon y Cajal fellowship, Spain  
2002-2004      Marie Curie post-doctoral individual fellowship, EU  
1998-2001      Paris-Oxford D-Phil fellowship

## PUBLICATIONS

Courtois, P., Figuières, C., Mulier, C. (2019) A Tale of two Diversities, *Ecological Economics*, 159, pp. 133-147

Courtois, P., Figuières, C., Mulier, C., Weill, W. (2018) A Cost-Benefit Approach for Prioritizing Invasive Species, *Ecological Economics*, 146, pp.607-620

Courtois, P., Nessah, R., Tazdaït, T., (2017) Existence and Computation of Berge Equilibrium and of two Refinements, *Journal of Mathematical Economics*, 72, pp.7-15.

Courtois, P., Nessah, R., Tazdaït, T., (2015) How to Play Games? Nash versus Berge Behaviour Rules, *Economics and Philosophy*, 31(1), pp.123-139.

Courtois, P., Subervie, J. (2015) Farmer Bargaining Power and Market Information Services, *American Journal of Agricultural Economics*, 97(3)(2015), pp. 953-977. (AAEA outstanding AJAE Article 2016) short version in French published in *INRA Sciences Sociales* n°6 Juin 2015

Courtois, P., Figuières, C., Mulier, C. (2014) Conservation Priorities when Species Interact: The Noah's Ark Metaphor Revisited, *PLOS ONE*, 9(9), pp.1-8.

Courtois, P., Tazdaït, T., (2014) Bargaining over a Climate Deal: Deadline and Delay, *Annals of Operations Research*, 220(4), pp.205-221.

Courtois, P., Haeringer, G. (2012) Environmental Cooperation: Ratifying Second-Best Agreements, *Public Choice*, 151, pp.565-584.

Courtois, P., Tazdaït, T. (2012) Learning to Trust Strangers: An Evolutionary Perspective, *Journal of Evolutionary Economics*, 22(2), pp.367-383.

Courtois, P., Tazdaït, T. (2012) Climate Cooperation: The Role of Issue Linkages/ Coopération sur le Climat: Le Mécanisme de Négociations Jointes, *Négociations*, 18(2), pp.25-42.

Courtois, P. (2010) International Cooperation by Médiation: The power of the chair / Médiation et Coordination Internationale: Le poids du président des négociations, *Revue d'Economie Politique*, 120(6), pp.973-989.

Courtois, P., Tazdaït, T. (2008) Accord Climatique : Concession et ratification, *Revue Economique*, 59(4), pp. 719-736.

Courtois, P., Tazdaït, T. (2007) Games of Influence in Climate Change Negotiations : Modelling interactions, *Ecological Modelling*, 204(3), pp. 301-314.

Courtois, P., Tazdaït, T. (2007) Formation and Development of Environmental Agreements / Formation et Développement des Accords Environnementaux : Les effets de leadership, *Négociations*. 8(2), pp. 121-137.

Courtois, P. (2004) The Status of Integrated Assessment in Climatic Policy Making: An overview of inconsistencies underlying response functions, *Environmental Science and Policy*, 7, pp. 69-75.

Ambrosi, P., Courtois, P. (2004) Les Impacts du Changement Climatique : La part de l'arbitraire, *Natures, Sciences, Sociétés*, 12(4), pp. 375-386.

Courtois, P., Péreau, J.C., Tazdaït, T. (2004) An evolutionary Approach to Climate Change Negotiations / Une Approche Evolutionniste des Négociations Internationales dans le Cadre du Changement Climatique, *Louvain Economics Review*, 70 (1), pp. 31-51.

#### BOOK AND BOOK CHAPTERS

Gascuel, C., Lescourret, F., Monod, H., Roques, L., Bohan, D., (2020) Modéliser les interactions du vivant, en lien avec les milieux et les contextes socio-économiques. Caquet, Thierry Gascuel, Chantal Tixier-Boichard, Michèle Coordination éditoriale. *L'agroécologie : des recherches pour la transition des filières et des territoires. Collection Matière à débattre et décider*, Collection Matière à débattre et décider (5), [Éditions Quae](#), pp.71-80, 2020, 978-2-7592-3129-4.

Courtois, P., Gueye, M., Martinet, V., Préget, R., Salles, J.M., et al. (2019) Quelles politiques publiques pour favoriser des paysages agricoles multifonctionnels ? *Paysage, biodiversité fonctionnelle et santé des cultures*, Editions Quae. Sciences en Partage (Quae), à paraître.

Courtois, P., Haeringer, G. (2015) Environmental Cooperation: Ratifying Second-Best Agreements. Published in *Game Theory and International Environmental Cooperation*, Finus M and Caparros A. ed. Elgar, London

Courtois, P. (2002) Multigas Emissions Coefficient in the JOBS model. *OECD ENV/EPOC/GSP* 04/02

Courtois, P., Lepesant, T., Hourcade, J.C. (2000) Socio-economics of policy formation and choices. Published in *European Leadership of Climate Change and Sustainability Regimes*, Grubb M. and Gupta J. ed. Kluwer, Netherlands(2000), pp. 122-143

#### ADMINISTRATIVE AND COLLECTIVE DUTIES (SINCE 2015)

2020-...	Member of the scientific committee of Metaprogramme INRAe BIOSEFAIR
2018-2020	Deputy director of CEE-M
2017-2018	Deputy director of LAMETA
2016-2020	Member of the scientific committee of SAE2 Dept. INRA
2013-...	Member of the executive committee of BIOECON (Cambridge)

#### RESEARCH CONTRACTS AND EXPERTISE (SINCE 2015)

2020-2023 ANR FAST (Coordinator J.Subervie) (3 m euros)

2020-2023 ANR-MUSE Mar EEE (Coordinator F.Viard) (399 keuros)  
 2020-2023 ANR-MUSE CIBSEEA (Coordinator A.Lacampagne) (399keuros)  
 2019-2022 ANR MPA POVERTY (Coordinator D.Mouillot) (498keuros)  
 2020-2023 Coordinator WP3 ANR project MPA-Poverty (coordinator D.Mouillot) (476keuros)  
 2018-2018 Scientific expert, Make the planet great again, ANR  
 2016-2020 ANR Green-Econ (Coordinated by H.Stahn and N.Querou), Workpackages 1 et 2, (351keuros)  
 2016-2019 Coordination with G.Thebaud of project INRA Smach - BECOSMACH (100keuros)  
 2016-2019 Coordination with A.Thomas of AFB Project « Decision tools for invasive species – the case of primrose willow in the Brière Marshland, France » (76000euros)  
 2016-2016 Scientific expert ANRT Cifre  
 2013-2016 Coordination with A.Thomas of ONEMA project « Cost-benefit assessment and the management of biological invasions »(123000euros)

#### REVIEWER AND EDITORIAL ACTIVITIES

Journal of Environmental Economics and Management, Journal of Evolutionary Economics, European Journal of Operation Research, Scandinavian Journal of Economics, American Journal of Agricultural Economics, Oxford Economics Papers, Journal of Public Economics, Public Choice, Recherches Economiques de Louvain, Resource and Environmental Economics, Climatic Change, Integrated Assessment Modelling, Optimal Control Applications and Methods, GAMES, Revue d'Economie Politique, Revue Economique, Annals of Operation Research, Economics and Philosophy, Ecological Economics, Journal of Environmental Management and Planning, Economics and Philosophy, Natural Resource Modelling

#### TEACHING (SINCE 2015)

2015-2016 - *Theorie des Jeux L3 (50h) Université de Montpellier*  
*Négociations internationales des problèmes globaux d'environnement (3h), Master Ecodeva (Supagro)*  
 2013-2015 - *Négociations internationales des problèmes globaux d'environnement (3h), Master A2D2 (Supagro)*  
 - *Théorie des jeux et gestion des problèmes globaux (3h annuelles), 2<sup>ème</sup> année Ingénieurs Supagro*  
 - *Théorie des Jeux (12h), Master A2D2 (Supagro)*

#### INVITED SEMINARS (SINCE 2015)

- CEE-M Environmental Economics Workshop, September 2020 – Spatially explicit management of invasive species
- ERIAH, October 2019, FIAP Paris - Comportements d'acteurs dans la maîtrise d'invasions biologiques
- ANNUAL meeting of INRA SPE Department, December 2018, Lyon – Managing pests in a decentralized world
- CRESTseminar, June 2018, Ecole Polytechnique, Saclay – A Tale of two Diversities
- GAEL seminar, January 2018, University of Grenoble – A Tale of two Diversities
- CIES seminar, October 2016, Geneva – Controlling Spatially Established Invaders: an Optimal Decision Tool for Managers
- INRA-AGRO seminar, Juin 2016, Supagro Montpellier - Accounting for Spatially Heterogeneous Preferences while Managing Invasive Species : A Choice Experiment
- PEES, May 2016, PSE Paris – Biological invasions: Centralized and decentralized managements.
- Tour du Valat seminar, May 2015, Tour du Valat - Managing biological invasions: How to set priorities?
- GRETHA seminar, March 2015, University of Bordeaux – Conservation Priorities when Species Interact: The Noah's Ark Metaphor Revisited

#### SUPERVISION (SINCE 2015)

Phd students : César Martinez (2016-...), Chloé Mulier (2011-2015) (co-supervision with C.Figuières)  
 Phd committees: Estelle Midler (2008-2012), Sylvie Campagne (2015-2019), Emeline Hily(2014-2017), Daniel Gilbert (2017-..)  
 Master thesis : Joakim Weill (AgroparisTech 2016), Lise Chesnerie (Agroparistech 2016), Oriane Cormier (Agroparistech 2016)