

Bernard Sinclair-Desgagné
Chair in Environmental Economics and Global Governance
Department of International Business

HEC Montréal
3000, chemin de la Côte-Sainte-Catherine
Montreal, Quebec H3C 3A7
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E-mail: bsd@hec.ca

RESEARCH AREAS

Economic analysis of organizations: Theory of incentives, International corporate governance, Global economic governance, Economics of science and innovation

Environmental economics and management: Environmental regulation and competitiveness, Environmental goods and services industry, Global risk governance, Sustainable development

EDUCATION

1988	Yale University Ph.D. in Operations Research/Management Science
1984	Université Laval , Quebec, Canada. M.A. in Economics
1981	Université Laval B.Sc. in Mathematics, B.A. in Economics

PROFESSIONAL EXPERIENCE

	<u>HEC Montréal</u>
2004-now	Professor (and Department Chair , 2008-2014) <i>Department of International Business</i>
2003-now	<i>Chair in Environmental Economics and Global Governance</i>
2001-2004	Professor <i>Institute of Applied Economics</i>

École polytechnique, Paris
Department of Economics and Laboratoire d'Économétrie

2003-now Affiliate Professor

London School of Economics and Political Science
*Department of Economics and Suntory-Toyota International Center for
Economics and Related Disciplines (STICERD)*

2007-2008 Visiting Researcher
2014-2017 **Invited Professor**

Université d'Aix-Marseille
GREQAM

2014-2015 Visiting Professor

University of Cambridge
Judge School of Business

2007-2008 Visiting Researcher

École Polytechnique, Montreal
Department of Mathematics and Industrial Engineering

1998-2001 Professor

1994-1998 Associate Professor

1994-2001 Associate Researcher, *Jarislowsky Chair on Technology and International
Competition and Industrial NSERC Chair on Contaminated Site
Remediation and Management*

INSEAD, Fontainebleau, France
Technology Management Area

1991-1995 Associate Professor

1988-1991 Assistant Professor

CIRANO, Montreal

Centre interuniversitaire de recherche en analyse des organisations

2000-2002

Vice-president and Chair of the *Governance group*

1994-now

Fellow

CIRAIG, Montréal

Centre interuniversitaire de recherche sur l'analyse, l'interprétation et la gestion du cycle de vie des produits, procédés et services

2001-2007

Associate Director

Boston University

Department of Economics

Fall 2000

Visiting Professor

Wissenschaftszentrum-Berlin

June 1995

Visiting Scholar

PRIZES AND DISTINCTIONS

2012

Emerald Management Reviews Citations of Excellence Awards for 2012 (prize granted to the 50 most effective articles among the 15,000 articles published in 2008 in the 300 most important journals in management) for the article entitled "Gender diversity in corporate governance and top management" which appeared in the *Journal of Business Ethics* and was co-written with Claude Francoeur and Réal Labelle

2007

Pierre-Laurin 2007 Prize (awarded to best tenured faculty researcher over the past three years)

2006

Europlace "Finance and sustainable development" prize for best article, for the paper entitled "On Precautionary Policies," published in August 2006 in *Management Science*

2004

Elected **Fellow** of the *European Economic Association*

PUBLICATIONS

In refereed scientific journals

“The Agro-Food Industry, Public Health and Environmental Protection: Investigating the Porter Hypothesis in Food Regulation,” (with Eric Giraud-Héraud, Jean-Pierre Ponsard and Louis-Georges Soler) to appear in *Review of Agricultural and Environmental Studies* (2015)

“The Economics of Corporate Environmental Responsibility,” (with Patricia Crifo) *International Review of Environmental and Resource Economics*, vol. 7, no. 3–4 (2014), 279-297

“Corporate Governance and Financial Authority Sanctions,” (with Nadia Smaili) *International Journal of Managerial and Financial Accounting*, vol. 6, no. 1 (2014), 27-48

“Sustainable Network Dynamics,” (with Arnaud Dragicevic) *Ecological Modelling* 270 (2013), 43-53

“The Pigovian Tax Rule in the Presence of an Eco-industry,” (with Alain-Désiré Nimubona) *Economics Bulletin*, vol. 33, no. 1 (2013), 747-752

“Emission Taxes when Pollution Depends on Location,” (with Walid Marrouch) *Environment and Development Economics*, vol. 17, no. 4 (2012), 433-443

“Environmental Regulation and Horizontal Mergers in the Eco-Industry,” (with Joan Canton and Maia David) *Strategic Behavior and the Environment*, vol. 2, no. 2 (2012), 107-132 [Lead article]

“Polluters and Abaters,” (with Alain-Désiré Nimubona) *Annals of Economics and Statistics*, vol. 103/104 (December 2011), 9-24 [Lead article]

“Emission Taxes and the Market for Abatement Goods and Services,” (with Maia David and Alain-Désiré Nimubona) *Resources and Energy Economics*, vol. 33, no. 1 (2011), 179-191

“Pollution Abatement Subsidies and the Eco-industry,” (with Maia David) *Environmental and Resource Economics*, vol. 45, no. 2 (2010), 271-282

“Ancillary Statistics in Principal-Agent Models,” *Econometrica* 77 (2009), 279-281

“The Environmental Goods and Services Industry,” *International Review of Environmental and Resources Economics*, vol. 2 (September 2008), 69-99

- “Le développement durable : vers un nouvel esprit d’entreprise,” *Revue Gestion* 32 (2008), 46-53
- “Gender Diversity in Corporate Governance and Top Management,” (with Claude Francoeur and Réal Labelle) *Journal of Business Ethics* 81 (2008), 83-95
- “Ranking Contingent Monitoring Systems,” (with Marie-Cécile Fagart) *Management Science* 53 (2007), 1501-1509
- “On Precautionary Policies,” (with Pauline Barrieu) *Management Science* 52 (2006), 1145-1154
- “Analyse économique et préservation de la biodiversité,” *Économie Publique* 16 (2005), 11-24
[Lead article]
- “Environmental Regulation and the Eco-Industry,” (with Maia David) *Journal of Regulatory Economics* 28 (2005), 141-155
- “Calcul économique et développement durable,” *Esprit Critique* (Winter 2005) [Lead article]
- “A Proactive Approach Can Make Site Remediation Less Expensive,” (with Gontran Bage and Réjean Samson) *Environmental Management* 32 (2004)
- “A Theory of Environmental Risk Disclosure,” (with Estelle Gozlan) *Journal of Environmental Economics and Management* 45 (2003), 377-393
- “A Technico-Economic Approach for the Selection of Site Remediation Strategy. Part B: Application,” (with Gontran Bage and Réjean Samson) *Environmental Management* 31 (2003), 69-78
- “A Technico-Economic Approach for the Selection of Site Remediation Strategy. Part A: Theory,” (with Gontran Bage and Réjean Samson) *Environmental Management* 30 (2002), 807-815
- “Career Concerns and the Acquisition of Firm-Specific Skills,” (with Olivier Cadot) *Journal of the Japanese and International Economies* 14 (2000), 204-217
- “How to Restore Higher-Powered Incentives in Multi-Task Agencies,” *Journal of Law, Economics and Organization* 15 (1999), 418-433
- “Environmental Auditing in Management Systems and Public Policy,” (with H. Landis Gabel) *Journal of Environmental Economics and Management* 33 (1997), 331-346
- “On the Computation of Randomized Markov Equilibria,” (with Olivier Cadot) *Games and Economic Behavior* 17 (1996), 129-134

“On the Heterogeneity of Firms,” (with Lars-Hendrik Röller) *European Economic Review* 40 (1996), 531-539

“Environmental Standards and Industrial Policy,” (with Olivier Cadot) *Journal of Environmental Economics and Management* 29 (1995), 228-237

“The First-Order Approach to Multi-Signal Principal-Agent Problems,” *Econometrica* 62 (1994), 459-465

“La mise en vigueur des politiques environnementales et l'organisation de la firme,” *L'Actualité Économique* 70 (1994), 211-224

“Fighting Pollution When Decisions are Strategic: A Comment,” *Public Choice* 76 (1993), 357-358

“Managerial Incentives and Environmental Compliance,” (with H. Landis Gabel) *Journal of Environmental Economics and Management* 24 (1993), 229-240

Reprinted in *Environmental Instruments and Institutions* (eds. Tietenberg et al.), Edward Elgar, 1998, and in *Corporate Strategies for Managing Environmental Risk* (ed. Sinclair-Desgagné), Ashgate Publishing, 2004

“Prudence and Success in Politics,” (with Olivier Cadot) *Economics and Politics* 4 (1992), 171-189

“On the Regulation of Procurement Bids,” *Economics Letters* 33 (1990), 229-232

“Group Decision Support Systems Implement Bayesian Rationality,” *European Journal of Operational Research* 47 (1990), 29-34

Refereed book chapters

“On Modelling in Microeconomics,” in *Dialogs under Models and Uncertainty*, ed. Pauline Barrieu, Imperial College Press, 2016

“International Trade and the Environmental Goods and Services Industry,” (with Solveig Delabroye and Alain-Désiré Nimubona) in *Game Theory Applications to Environmental Economics*, eds. Felix Muñoz-Garcia and Ana Espinola-Arredondo, Routledge, 2016

“Compétitivité et durabilité,” (with Nathalie Sinclair-Desgagné) in *L'Économie du Québec 2015 – Contexte et Enjeux Internationaux*, eds. Thierry Warin, Bernard Sinclair-Desgagné and Ari Van Assche, Presses internationales Polytechnique, 2015

“Faire de la protection de l’environnement un avantage concurrentiel,” (with Marie-Ève Faubert-Arsenault) in *L’Économie du Québec 2015 – Contexte et Enjeux Internationaux*, eds. Thierry Warin, Bernard Sinclair-Desgagné and Ari Van Assche, Presses internationales Polytechnique, 2015

“Informal versus Formal New Venture: A Choice Analysis and Some Policy Implications,” in *Entrepreneurship in the Informal Economy: Models, Approaches and Prospects for Economic Development*, eds. Mai Thai and Ekaterina Turkina, Routledge, 2012

“Haggling on the Verge of Disaster,” (with Justin Leroux and Jérémy Laurent-Lucchetti) in *Analyzing Global Environmental Issues: Theoretical and Experimental Applications and their Policy Implications*, ed. Ariel Dinar, Routledge, 2012

“Finance and the Environment – Hedging against Environmental Risks,” (with Jean-Louis Bertrand) in *The Oxford Handbook of Business and the Environment*, eds. Pratima Bansal and Andrew Hoffman, Oxford University Press, 2012

“Multinationals in Remote Communities – Rio Tinto ALCAN’s Experience in Nurturing Local Business,” (with Justine Quenneville-Éthier) in *Corporate Social Responsibility: From Compliance to Opportunity*, eds. Patricia Crifo and Jean-Pierre Ponsard, Éditions de l’École Polytechnique, 2010

“Informational Regulation of Industrial Safety – An Examination of the U.S. Local Emergency Planning Committees,” (with Nathalie de Marcellis-Warin and Ingrid Peignier) in *Frontiers in the Economics of Environmental Regulation and Liability*, eds. M.Boyer, Y.Hiriart and D.Martimort, Ashgate, 2006

“Corporate Sustainability Reporting,” (with Réal Labelle and Alain Schatt) in *Corporate Social Responsibility Volume 1.2 – Accountability and Reporting*, ed. José Allouche, 2005

“Environmental Risk Management and the Business Firm,” in *The International Yearbook of Environmental and Resource Economics 2000/2001: A Survey of Current Issues*, eds. H. Folmer and T. Tietenberg, Edward Elgar, June 2001

“Corporate Governance of Major Technological Risks,” (with Marcel Boyer), in *Frontiers in Environmental Economics*, eds. Henk Folmer, Landis Gabel, Shelby Gerking, and Adam Rose, Edward Elgar, January 2001

“Standard Business Procedures and Environmental Public Policy,” (with H. Landis Gabel) in *Frontiers in Environmental Economics*, eds. Henk Folmer, Landis Gabel, Shelby Gerking, and Adam Rose, Edward Elgar, January 2001

“Dealing with Major Technological Risks,” (with Carel Vachon) in *Principles of Environmental*

and Resource Economics. A Guide for Students and Decision Makers (2nd edition), eds. H. Folmer and H. L. Gabel, Edward Elgar, 2000

“The Firm, its Routines, and the Environment,” (with H. Landis Gabel), in *The International Yearbook of Environmental and Resource Economics 1998/1999: A Survey of Current Issues*, eds. H. Folmer and T. Tietenberg, Edward Elgar, 1998

“Organizational Responses to Environmental Concerns,” (with H. Landis Gabel) in *Principles of Environmental and Resource Economics. A Guide for Students and Decision Makers*, eds. H. Folmer, H. L. Gabel, and H. Opschoor, Edward Elgar, 1995 (1st edition) and 2000 (2nd edition)

“Innovation under the Threat of Stricter Environmental Standards,” (with Olivier Cadot) in *Environmental Policy and Market Structure*, eds. C. Carraro, Y. Katsoulacos and A. Xepapadeas, Kluwer, 1995

“From Market Failure to Organizational Failure,” (with H. Landis Gabel) in *Business and the Environment*, eds. R. Welford and N. Roome, European Research Press, 1994

“Modelling with MCDSS: What about Ethics?,” (with Tawfik Jelassi) in *Multiple Criteria Decision Support*, eds. P. Korhonen, J. Wallenius and A. Lewandowski, Springer-Verlag, 1991

“Assessing Economic Inequality,” (with Mihkel M. Tombak) in *Operational Research and the Social Sciences*, eds. M. C. Jackson, P. Keys, and S. A. Cropper, Plenum Publishing Corporation, 1989

Current working papers (doted ones available online at SSRN – Social Science Research Network)

“Incentive contracts and downside risk sharing” (with Sandrine Spaeter)

“Principal vs. Principal,” mimeo

“Policy making under model uncertainty – A unifying scheme” (with Pauline Barrieu)

“Assessing cleanup costs and strategies” (with Pauline Barrieu and Nadine Bellamy)

“Greening global value chains,” World Bank Policy Research Paper SS6613

“An empirical study of road-noise barriers deployment” (with Marie-Ève Faubert and Ekaterina Turkina)

“The growing business of mitigating environmental footprints” (with Aurélia Durand)

“The eco-industry, value creation and competitiveness”

“Supply chain structures, coordination costs, and trade” (with Ari Van Aasche)

“Endogenous aspirations and economic growth”

“Incentives in common agency,” CIRANO WP 2001s-66

“Technological paradigms and the measurement of innovation,” CIRANO WP 2000s-60

“A theory of routines as mindsavers” (with Antoine Soubeyran), CIRANO WP 2000s-52

“Remarks on environmental regulation, firm behavior, and innovation,” CIRANO WP 1999s-20

“Asymmetry in Cournot duopoly” (with Lars-Hendrik Röller), CIRANO WP 1996s-23

Books

L'Économie du Québec 2015 – Contexte et enjeux internationaux, co-edited with Thierry Warin, and Ari Van Assche, Presses internationales Polytechnique, 2015

Corporate Strategies for Managing Environmental Risks, in “The International Library of Environmental Economics and Policy,” vol. XX, Ashgate Publishing Limited, 2005

Other publications

“Les éco-activités,” special issue on the “Green Economy” of *Les Cahiers Français*, no. 355, April 2010

“La résilience et ses enjeux,” *La Presse*, Monday, 2 February 2008

“Quand le marché s’occupe d’environnement,” *La Presse*, Monday, 10 December 2007

“Combustibles fossiles, combustibles faciles,” *La Presse*, Monday, 3 December 2007

“Ne laissons pas dénaturer le développement durable,” *La Presse*, Monday, 26 November 2007

“Commentaire sur le livre *Making Strategy Work* par Lawrence G. Hrebiniak,” *Manageris*, 2006

“Les risques biotechnologiques,” *Diplomatie Magazine*, March-April 2005

“Mesure du risque industriel majeur,” (with Ingrid Peignier, Nathalie De Marcellis-Warin and Éric Clément) chapter 5 of CIRANO’s monograph *Mesure intégrée du risque dans les organisations*, Les Presses de l’Université de Montréal, 2004

“De gigantesques effets dominos. Les réseaux fortement interconnectés ont ouvert la porte aux séismes technologiques,” *La Presse*, Saturday, 16 August 2003

“Le risque biotech,” *Risques*, Winter 2003

“La responsabilité sociale corporative. Controverses traditionnelles et nouvelles opportunités,” *Revue Gestion*, December 2002

“Commentaire sur le livre *Winning Decisions* par J. Edward Russo et Paul J. H. Schoemaker,” *Manageris*, 2002

“Le leadership en trois Cs,” (with Ann-Renée Blais) *Rapport Bourgogne*, CIRANO, December 2002

“La régulation des risques industriels majeurs par l’information du public,” special issue of *Risques*, Fall 2001

“Les compétences-clés,” chapter 1.1 of CIRANO’s monograph *L’impartition et la sous-traitance*, Presses de l’Université Laval, 1999

“Le mariage organisationnel,” chapter 2.6 of CIRANO’s monograph *L’impartition et la sous-traitance*, Presses de l’Université Laval, 1999

“Commentaire sur l’ouvrage *Managing Business Transactions* de Paul Rubin,” *Manageris*, November 1994

TEACHING

HEC Montréal

Corporate Governance: An International Perspective (Doctoral)

Applied Network Analysis (Doctoral)

Global Economic Governance (Doctoral)

Gestion des réseaux d’affaires globaux (Master’s)

Managing Global Business Networks (Master’s)

Économie et organisation (Master’s)

Contexte et enjeux des affaires internationales (Master’s)

Managerial Economics (DESS, Chengdu, China, 2002, 2004, 2006)
Économie de l'entreprise (B.Com.)

École polytechnique, Paris

Sustainable Development and the Environment (also offered to **Science Po** Master's students)

École Polytechnique, Montreal

Stratégie technologique (Master's)
Politique industrielle (Master's)
Technologie et concurrence internationale (B.Eng.)

INSEAD

Probability theory (Doctoral)
Stochastic Processes (Doctoral)
Readings in Advanced Mathematical Analysis (Doctoral)
Optimization (Doctoral)
Game Theory (Doctoral)
Information Economics (Doctoral)
Management Decision Making (MBA)
Applied Statistics (MBA)
Operations Research (MBA)
Environmental Management (MBA)

Boston University

Probability theory (Graduate)
Mathematical Economics (Undergraduate)

Advisor

Post-Docs

Arnaud Dragicevic (Ph.D., École polytechnique de Paris), Environmental Valuation and Policy, September 2009 to June 2010

Nicolas Marchetti (Ph.D., Université de Toulouse), Auction Mechanisms to Cope with the NIMBY Problem, September 2004 to August 2005

Éric Rigaud (Ph.D., École des Mines), Information Systems to Prevent Major Industrial Accidents in SMEs, June 2004 to May 2005

Armel Jacques (Ph.D., Université de Toulouse), Industrial Economics and International Trade, March to October 2001

Nathalie de Marcellis (Ph.D., École Normale Supérieure de Cachan), Economics and Management of Risk and Insurance, September 2000 to December 2001

Estelle Gozlan (Ph.D., Université de Paris X), International Trade and Food Safety, January to December 2000

Philippe Marcoul (Ph.D., Université de Toulouse), Economics and Management of Expertise, October 1999 to August 2000

Nicolas Treich (Ph.D., Université de Toulouse), Economics of Uncertainty, August 1998 to July 1999

Kouroche Vafai (Ph.D., Université de Paris I), Agency Theory and Collusion in Organizations, August 1998 to July 1999

Ph.D. theses

Pouya Ibrahimi, HEC Montréal. Thesis topic: The Economics of Transfer Prices. Since September 2012

Nadjib Lakhlef, HEC Montréal. Thesis topic: The Geopolitics of Energy. Since January 2013

Sébastien Carton, HEC Montréal. Thesis topic: Transforming and Greening Global Value Chains. Since January 2013

Tania Briceno, HEC Montréal (co-supervision with Jean-Pierre Revérêt, UQAM). Thesis topic: La consommation pérenne. Defended in May 2013

Émilie Pawlak, HEC Montréal (co-supervision with Patrick Cohendet, HEC Montréal). Thesis topic: Les incitations à l'innovation. Defended in May 2010

Arnaud Dragicevic, École polytechnique, Paris. Thesis topic: Évaluation environnementale et rationalité économique. Defended in December 2009

Walid Marrouch, HEC Montréal (co-supervision with Justin Leroux, HEC Montréal). Thesis topic: Essays on International Environmental Policy. Defended on 9 June 2009

Jérémy Laurent-Lucchetti, HEC Montréal (co-supervision with Justin Leroux, HEC Montréal). Thesis topic: Essais sur la gestion de biens communs. Defended on 8 June 2009

Sonia Tello Rozas, HEC Montréal. Thesis topic: Essais en économie du capital social et du développement. Defended on 3 June 2009

Alain-Désiré Nimubona, HEC Montréal. Thesis topic: La réglementation environnementale et les éco-industries. Scholarship holder of the Fondation Trudeau. Defended on 22 October 2007

Blandine Prévost-Isambert, École polytechnique de Paris. Thesis topic: La prévention des accidents dans le transport maritime des hydrocarbures. Defended on 19 July 2007

Nadia Smaili, HEC Montréal (co-supervision with Réal Labelle). Thesis topic: Gouvernance et prévention des irrégularités comptables. Defended on 16 February 2007

Maia David, Laboratoire d'économie industrielle (LEI) – Paris. Thesis topic: Les accords volontaires pour la protection de l'environnement. Defended on 23 June 2005. Thesis Prize from l'École polytechnique

Erwann-Michel Kerjan, Laboratoire d'économétrie de l'École polytechnique de Paris et GREQAM-Université d'Aix- Marseille (co-supervision with Dominique Henriët, Université

Aminata Seynabou-Cissé	September 2010
Justine Quenneville-Éthier	December 2009
Émilie Granger	December 2009
Lélia Hage-Chahine	August 2009
Geneviève Gosselin	December 2008
Francis Gosselin	September 2008
Annick Gagnon	September 2008
Tsvetomir Valev	December 2007
François Pérusse-Massicotte	December 2007
Patricia Lebel	August 2007
Thomas Lenoir	May 2007
Jonathan Gheysens	May 2007
Cédric Turini	May 2007
Mona Gallant	May 2007
Guillaume Carriou	December 2006
Merciel Carbou	May 2006
Liliana Gonzalez-Rubio	May 2006
Josée Vincelette	May 2006
Alexandre Gellert	August 2005
Mariama Zhouri	May 2005
Caroline Lefebvre	May 2005
Carlos Rubio-Mejia	December 2004
Stéphanie Uhde	December 2004

DEA Environnement, Paris

Maire Dufourg	September 2005
Ariane Saint-Pierre	September 2005
Caline Jacono	January 2005
Blandine Isambert	September 2003
Maia David	August 2000

École Polytechnique, Montreal (M.Eng.)

Catherine Mercier	August 2004
Manuel Azzolin	December 2000
Christian Delecluse	August 2000
Nathalie Guitard	December 1999
Aline Klein	August 1999
Anne Lebrun	December 1998
Martine St-Onge	August 1998
Dominic Denault	October 1997
Narcisse Amon	June 1997

B.A./B.Sc. projects

Solveig Delabroye, Science Po/École polytechnique de Paris, April-June 2014
Titouan Blaize, École polytechnique de Paris, April-June 2014
Arnaud Cerbelaud, École polytechnique de Paris, April-June 2014
Marie-Pierre Joubert, École polytechnique de Paris, April-June 2013
Romain Bey, École polytechnique de Paris, April-June 2013
Gaëlle Seret, École polytechnique de Paris, April-June 2013
Katarina Kordulakova, Science Po/École polytechnique de Paris, April-July 2012
Julien Barlan, École polytechnique de Paris, May-August 2011
Emmanuel Dessoubray, École polytechnique de Paris, April-June 2011
Duy-Manh Nguyen, École polytechnique de Paris, April-June 2011
Nadja Kahrobaie, École polytechnique de Paris, April-June 2009
Yann Kervinio, École polytechnique de Paris, April-June 2009
Cécile Retaureau, HEC Paris-École polytechnique de Paris, April-June 2009 (award for best optional internship)
Aude Filippi, HEC Paris-École polytechnique de Paris, April-June 2009 (award for best optional internship)
Tanguy Janssen, École polytechnique de Paris, April-June 2008
Aida Alaoui, École polytechnique de Paris, May-July 2007
Samer Hobeika, École polytechnique de Paris, May-July 2007
Jean-Séverin Deckers, École polytechnique de Paris, May-July 2006
Étienne Lechat, École polytechnique de Paris, April-June 2006
Nicolas Desramaut, École polytechnique de Paris, April-June 2006
Marion Henriet, École polytechnique de Paris, April-June 2005
Anne-Claire Impens, École polytechnique de Paris, April-June 2005
Pierce Jerrad, École polytechnique de Paris/Massachusetts Institute of Technology, April-June 2005
Christophe Wendling, ENGREF, August-September 2004
Bérangère Preault, ENGREF, August-September 2004
Estelle Fleury, Université d'Aix-Marseille, Summer 2004
Renaud Caillet, École polytechnique de Paris, Summer 2003
Nicolas Erphelin, École polytechnique de Paris, Summer 1999
Jean-Lorrain Genty, École polytechnique de Paris, Summer 1999
Louis-Philippe Gascon, École Polytechnique de Montréal, Summer 1998
Daphné Hurtubise, École Polytechnique de Montréal (Department of Civil Engineering), Summer 1997
Christophe Debaert, Nicolas Legrand, École polytechnique de Paris, Summer 1997
Stéphane Mulard, École polytechnique de Paris, Summer 1996

RESEARCH GRANTS

- 2011-2013 *SSHRC team research grant, \$83,575*
Project title: *La génération d'idées dans le processus d'innovation*
Role: Team Member
- 2004-2006 *Ministry of Research, France: €60,000*
Project title: *Le développement durable et les éco-industries*
Role: Project Manager
- 2002-2006 *Valorisation Recherche Québec, \$1.7 million*
Project title: *Gestion environnementale basée sur le cycle de vie*
Role: Team member and in charge of the “Analyse économique”
(economic analysis) component at HEC Montréal [specific budget:
\$300,000]
- 2001-2003 *Ministère de la sécurité publique du Québec, \$50,000*
Project title: *L'expérience du Risk Management Program américain*
Role: Project Manager
- 2001-2004 *Valorisation Recherche Québec, \$1.2 million*
Project title: *La gestion intégrée du risque*
Role: Team Member and in charge of the “Risques technologiques et
environnementaux” (technological and environmental risks) component
[specific budget: \$100,000]
- 2000-2003 *SSHRC strategic grant, \$400,000*
Project title: *Mesure de la performance dans la nouvelle économie basée
sur l'information*
Role: Team Member, in charge of the study on multinational firms
- 1998-2001 *Fonds FCAR, \$65,000*
Project title: *Une étude empirique des systèmes d'intéressement de la
force de vente dans les secteurs de la haute technologie*
Role: Project Manager
- 1997-2001 *NSERC – Jarislowsky Chair – CIRANO, \$210,000*
Project title: *La gestion des risques technologiques majeurs.*
Role: Project Manager
- 1996-1999 *SSHRC strategic grant, \$58,980*
Project title: *Performance environnementale et compétitivité.*
Role: Project Manager

CONFERENCES AND INVITED SEMINARS (since 2008)

“Assessing cleanup costs and strategies”

EAERE 21st Annual Conference, Helsinki, 24-27 June 2015

“Reputation building and CSR in the global wine industry”

Bordeaux, 11 February 2016

“The Prudent Principal”

Econometric Society World Congress, 17-21 August 2015

CORE, Université Catholique de Louvain, 11 May 2015

LAMETA, Université de Montpellier, 5 March 2015

Department of Economics, University of Liverpool, 31 October 2014

AMSE – GREQAM, Marseille, 25 September 2014

GATE, Université de Lyon, 6 March 2014

School of Economic Science Seminar, Washington State University, 29 April 2013

Les midis CCA, Université du Québec à Montréal, 15 March 2013

2012 Summer Meeting of the Econometric Society, Northwestern University

Seminar on Analyse économique du droit, Université de Paris II, 5 March 2012

Seminar on Microéconomie et finance, Université de Genève, 22 November 2011

“Economic Policy when Models Disagree”

Cournot Seminar, Université de Strasbourg, 19 June 2015

Department of Philosophy, Logic, and Scientific Method, London School of Economics and Political Science, 30 April 2015

LEERNA, Université de Toulouse, 9 December 2013

Environmental Institutions Seminar, Duke University, 16 April 2010

Workshop on “Après/After Kyoto,” CIRANO, 30 October 2009

IEA-CIRPÉE Seminar, HEC Montréal, 9 September 2009

EURO Conférence de recherche opérationnelle, Bonn, 5-8 July 2009

Judge Business School-RAND Seminar on “Modeling for Policy Advice,” University of Cambridge, 21 January 2009

“L’État, l’entreprise et l’environnement – trio forcé ou ménage à trois”

Keynote Lecture as part of the thematic day on *Développement durable et territoire*

(sustainable development and territory), FAERE and Université de Toulon, 21 April 2015

“Command-and-control policy implementation: an empirical study of road-noise barriers deployment,”

French Association of Environmental and Resource Economists first annual conference, Montpellier, 12-13 September 2014

- “Diversité et créativité”
MOSAIC Seminar – Génération d’idées, créativité et innovation, 25 August 2014
- “Corporate Governance – The Third Way”
Third *Journal of Management and Governance* conference, **Keynote Lecture**,
HEC Montréal, 25-26 October 2013
- “Greening Global Value Chains – Implementation Issues”
Green Business Summit, **Keynote lecture**, Mexico, 7-8 October 2013
2nd Annual Conference of the Green Growth Knowledge Platform (GGKP), **Keynote lecture**,
OCDE, Paris, 4-5 April 2013
- “La tarification de l’eau”
Panel, Conseil patronal de l’environnement du Québec (CPEQ), 2 October 2013
- “La restructuration des entreprises et les chaînes de valeur mondiales”
Colloquium by IRÉC-HEC Montréal on *Restructuration industrielle et reconversion
écologique*, 31 May 2013
- “Life before, during and after a Ph.D” (**Keynote lectures**)
2nd International Ph.D. Workshop in Environmental Economics and Policy, University
of Ottawa, 9-10 May 2013
1st International Ph.D. Workshop in Environmental Economics and Policy, University of
Ottawa, 10-11 May 2012
Doctoral Seminar, Universidad Adolfo Ibañez, Santiago, Chili, 27 April 2011
- “Le sort des sites pollués et la responsabilité des sociétés-mères”
Seminar on Environmental Law, Université Laval, 22 March 2013
Conference Cycle on *Droit et économie de l’environnement*, Science Po/Cour de
cassation, Paris, 21 November 2011
- “The Axiomatic Approach to Measurement”
Colloquium by GRIDD-HEC on *Unpacking Sustainability Metrics*, 13 June 2011
- “Pour une révision du rôle des conseils d’administration”
Colloquium by Centre de Recherche sur les Innovations Sociales – CRISES on
La financiarisation de l’économie, 3 May 2011
- “Companies Strategies regarding Climate Change – A North American and International
Perspective”
Interleges/OCDE Conference, Maison du Barreau de Paris, 27 May 2011

- “The Eco-Industry, Value Creation and Competitiveness”
Universidad Adolfo Ibañez, Santiago, Chile, 28 April 2011
- “Polluters and Abaters”
Applied Economics Seminar, University of East Anglia, 8 March 2011
Toulouse Conference on Environmental Economics, 10 June 2010
- “Splitting an Uncertain (Natural) Capital”
European Association of Environmental and Resource Economists annual conference,
Rome, 1 July 2011
Optimization Days, 3 May 2011
Contemporary Economic Issues **Keynote lecture**, University of East Anglia,
7 March 2011
European Institute of Management and Technology (EMST), Berlin, 31 January 2011
- “A ‘Big Picture’ Overview of What it takes to be Sustainable in Today’s Market”
Business Council for Sustainability **Keynote lecture**, Conference Board of Canada,
15 September 2010
- “A Comment on the ‘Porter Hypothesis’” (**Invited Reply** to Professor Porter)
Colloquium on “The Porter Hypothesis at 20: Can Environmental Regulation Enhance
Innovation and Competitiveness?,” McGill University, 28 June 2010
- Commentary on “Le développement durable comme champ d’innovation” by Franck Aggeri,
École des Mines, Paris, 11 December 2008
- “La libéralisation des échanges et l’industrie des biens et services environnementaux”
Colloquium on *Production et consommation durables: de la gouvernance au
consommateur Citoyen*, Université Laval, 19 September 2008
- “Investigating Environmental Innovation” (**Roundtable presentation**)
DIME Conference on *Innovation, sustainability and policy*, Université Montesquieu
Bordeaux IV, 11 September 2008
- “The Environmental Goods and Services Industry”
Energy and Economics Seminar, University of Cambridge, 16 June 2008
CORE, Université Catholique de Louvain, 28 April 2008
Stockholm School of Economics, 18 April 2008
Environmental Economics Seminar, University College London, 17 January 2008
- “Corporate Governance: Perspectives from the United States and Canada”
Judge Business School University Governance Workshop, 7 June 2008

“Supply Chain Structure, Coordination Costs, and Trade”

STICERD Work in Progress Seminar, London School of Economics, 6 March 2008

IÉSEG School of Management - Lille, 12 March 2008

“On Precautionary Policies” (**Keynote presentation**)

Augustin Cournot Doctoral Days, Université Louis Pasteur, Strasbourg, 2-4 April 2008

“Multi-task Principal-agent Analysis: Is there Light on the Horizon?”

Management Science Seminar, Judge Business School, 29 February 2008

“Dura Lex Sed Lex – The Economics of Compliance”

Workshops of the Faculty of Law, Université Laval, 27 September 2011

Chamber of Commerce and Industry of Paris, 1 February 2010

“Judge Us” Seminar, Judge Business School, 21 February 2008

“Environmental regulation and mergers within the eco-industry”

Research Center for Environmental Economics, University of Heidelberg, 7 January 2008

OTHER PROFESSIONAL ACTIVITIES

Member of the Expert Commission on Climate Change, appointed in July 2014 by the Ministre de l’environnement, du développement durable et de la lutte aux changements climatiques, Gouvernement du Québec

Member of the *Commission de l’éthique de la science et de la technologie*, Gouvernement du Québec, appointed in July 2007, renewed in January 2012

Scientific and organizing committees (since 2003)

CIRANO’s “Risque” Group, scientific animation on sustainable development, 2009-2010

Fondation du Risque, Paris, since June 2008

Symposium in honour of Claude Henry, Paris, 13-14 December 2006

Colloquium of the nineteenth *Entretiens Jacques Cartier* on the theme “Développement durable: des entreprises responsables envers leurs partenaires et la société civile,” Lyon, 4-5 December 2006

Third World Congress of Environmental and Resources Economists, Kyoto, 3-7 July 2006:
Special session on the eco-industry

International Congress of Governance on the theme “Capital humain et capital financier,”
Strasbourg, May 2006

World Congress of Life Cycle Analysis, Barcelona, 29-31 August 2005

IDEI/CIRANO Conferences on “l'Économie et la gestion des grands risques,” 2003 and 2005

RCM2 Conference on “Environment: Risk and Modelling,” 4-5 May 2004

CIRANO Workshop on “The Precautionary Principle,” 6 October 2003

GREQAM-CIRANO Conferences on “Production habits, bounded rationality, and routines,”
May 2001, June 2002, April 2003, September 2004

Associate Editor

Resource and Energy Economics (since November 2006)

Co-Editor

International Review of Environmental and Resource Economics (since April 2004)

Referee (since 2003)

Agence Nationale de la Recherche (ANR), France

American Economic Review

Annals of Operations Research

Annales d'Économie et Statistiques

American Journal of Agricultural Economics

Cahiers d'Économie et Sociologie Rurales

Canadian Journal of Economics

Econometrica

Economic Theory

Économie Rurale

Ecological Economics

Energy Economics

Energy Studies Review

Environmental Modelling and Assessment

European Economic Review

European Journal of Operational Research

Games and Economic Behavior

International Economic Review

International Journal of Industrial Organization

International Review of Environmental and Resources Economics
Journal of Economic Behavior and Organization
Journal of Economic Theory
Journal of Economics and Management Strategy
Journal of Environmental Economics and Management
Journal of Political Economy
Journal of Public Economics
Journal of Regulatory Economics
Journal of Risk and Insurance
L'Actualité Économique
Management Science
Management International
Politique et Sociétés
Resource and Energy Economics
Rand Journal of Economics
Review of Economic Studies
Revue Gestion
Social Sciences and Humanities Research Council of Canada (SSHRC)
Southern Economic Journal