

CURRICULUM VITAE

Katheline SCHUBERT

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Current positions

Professor, University Paris 1 Panthéon-Sorbonne (since October 1993)

Associate Chair, Paris School of Economics

CESifo research fellow

Member of the French Council of Economic Analysis (*Conseil d'Analyse Economique*)

Member of the French High Council for Climate (*Haut Conseil pour le Climat*)

Co-director of the Globalization, development and environment program at CEPREMAP

Past President of the French Economic Association

Education

French national exam for full professorship (*Agrégation de Sciences Economiques*), July 1988

PhD in Economics, University Paris 1, July 1986

Master in Economics, University Paris 1, November 1982

Engineer degree, Ecole Centrale de Paris, July 1981

Research interests

Environmental economics, natural resources economics, climate economics, energy transition, dynamic macroeconomics, sustainable growth, taxation, trade

Recent publications

Critical raw materials for the energy transition, *European Economic Review*, to appear (with Francesco Ricci and Aude Pommeret).

Optimal energy transition with variable and intermittent renewable electricity generation, *Journal of Economic Dynamics and Control*, 134, 2022 (with Aude Pommeret).

Benefit-Cost Analysis for climate action, *Journal of Benefit-Cost Analysis*, 12(3), 494-517, 2021 (with Dominique Bureau and Alain Quinet).

Prevention and mitigation of epidemics: biodiversity conservation and confinement policies. *Journal of Mathematical Economics*, 93, 2021 (with Emmanuelle Augeraud-Véron and Giorgio Fabbri).

Unilateral CO2 reduction policy with more than one carbon energy source. *Journal of the Association of Environmental and Resource Economists*, 8(3), 2021 (with Julien Daubanes and Fanny Henriet).

Volatility-reducing biodiversity conservation under strategic interactions, *Ecological Economics*, 190©, 2021 (with Emmanuelle Augeraud-Véron and Giorgio Fabbri).

Biodiversité en danger : quelle réponse économique ? Conseil d'Analyse Economique, 2020 with Dominique Bureau and Jean-Christophe Bureau).

Pour le climat : une taxe juste, pas juste une taxe. Conseil d'Analyse Economique, 2019 (with Dominique Bureau and Fanny Henriet).

William D. Nordhaus : Intégrer le changement climatique dans l'analyse macroéconomique de long terme. *Revue d'Economie Politique*, 129(6), 887-908, 2019.

How important are uncertainty and dynamics for environmental and climate policy? Some analytics. *Journal of Environmental Economics and Management*, 97, 1-22, 2019 (with Sjak Smulders).

The value of biodiversity as an insurance device. *American Journal of Agricultural Economics*, 101(4), 1068-1081, 2019 (with Emmanuelle Augeraud-Véron and Giorgio Fabbri).

Is shale gas a good bridge to renewables? An application to Europe. *Environmental and Resource Economics*, 72(3), 721-762, 2019 (with Fanny Henriet).

Intertemporal emission permits trading under uncertainty and irreversibility. *Environmental and Resource Economics*, 71(1), 73-97, 2018 (with Aude Pommeret).

Macroéconomie et environnement. *Revue de l'OFCE*, 153, 133-150, 2017.

The Energy Transition agenda: An economic perspective. *Revue d'Economie Politique*, 127, 965-983, 2017.

L'impact de l'Accord Économique et Commercial Global entre l'Union européenne et le Canada (AECG/CETA) sur l'environnement, le climat et la santé, Rapport au Premier ministre, 2017.

Commerce et climat : pour une réconciliation. Conseil d'Analyse Economique, 2017 (with Dominique Bureau and Lionel Fontagné).

To what extent is aquaculture socially beneficial? A theoretical analysis, *American Journal of Agricultural Economics*, 99(1), 186-206, 2017 (with Esther Regnier).

Should the carbon price be the same in all countries? *Journal of Public Economic Theory*, 18(5), 709--724, 2016 (with Antoine d'Autume and Cees Withagen).

La taxation de l'énergie, *Revue Européenne et Internationale de Droit Fiscal*, 2016/3, 271-280, 2016.

La France peut-elle atteindre l'objectif du Facteur 4 ? Une évaluation à l'aide d'un modèle stylisé énergie-économie, *Economie et Prévision*, 208-209, 1-21, 2016 (with Fanny Henriet and Nicolas Maggiar).

A never-decisive and anonymous criterion for optimal growth models, *Economic Theory*, 55, 281-306, 2014 (with Alain Ayong Le Kama, Thai Ha-Huy and Cuong Le Van).

A stylized applied energy-economy model for France, *The Energy Journal*, 35(4), 1-38, 2014 (with Fanny Henriet and Nicolas Maggiar).

La taxe carbone doit-elle être la même dans tous les pays ? *Annals of Economics and Statistics*, n° hors série 1, Economie, environnement et destin des générations futures, 2012 (avec Antoine d'Autume et Cees Withagen).

Carbon tax and OPEC's rents under a ceiling constraint, *Scandinavian Journal of Economics*, 113(4), 798-824, 2011 (with Rémy Dullieux and Lionel Ragot).

Optimal use of a polluting non-renewable resource generating both manageable and catastrophic damages, *Annals of Economics and Statistics*, 103/104, 107-142, 2011 (with Jean-Pierre Amigues and Michel Moreaux).

Pour la taxe carbone. La politique économique face à la menace climatique, Opuscule CEPREMAP, Editions rue d'Ulm, January 2010.

With exhaustible resources, can a developing country escape from the poverty trap? *Journal of Economic Theory*, 145(6), 2435-2447, 2010 (with Cuong Le Van and Thu Anh Nguyen).

Demographic-economic equilibria when the age at motherhood is endogenous, *Journal of Mathematical Economics*, 46(6), 1211-1221, 2010 (with Hippolyte d'Albis and Emmanuelle Augeraud-Véron).

The zero discounting and maximin optimal paths in a simple model of global warming, *Mathematical Social Sciences*, 59(2), 193-207, 2010 (with Antoine d'Autume and John M. Hartwick).