

Marion Davin

Associate professor in economics, HDR

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Civil Status: born Dec. 6th, 1987, French, married, three children.

Updated: September 2025

Research Fields

Main fields of interest: Macroeconomics, environmental economics.

Special concerns: International economics, growth, pollution, human capital.

Academic Position

Since sept.2025 : **Associate Professor in Economics**, Université d'Aix-Marseille, Member of AMSE.

2015-2025 : **Associate Professor in Economics**, Université de Montpellier, Member of the Center for Environmental Economics - Montpellier.

2014 - 2015: **Research and teaching Assistant**, IAE Université Lyon 3.

2013 - 2014: **Research and teaching Assistant**, Aix-Marseille Université.

2010 - 2013: **Doctoral Grant and teaching Assistant**, French Ministry of Research, Aix-Marseille Université, AMSE.

Education

2023: **Habilitation à Diriger des Recherches**, Université de Montpellier.

Title "Economic and Policy Implications of Environmental Issues"

Jury: Gilles Lafforgue, Jean-Philippe Nicolai, Aude Pommeret, Fabien Prieur, Natacha Raffin, Katheline Schubert

2014: **PhD, in Economics**, Aix-Marseille Université, AMSE.

Title: "Essays on growth and human capital: an analysis of education policy".

Teaching

2015-2018, Université Montpellier, Economics Faculty.

- ◇ Lectures, B.S. in economics: Macroeconomics, Principles of economics, Economic problems, Social and Economic policy
- ◇ Lectures, Master. in economics: Macroeconomics, Economic development, Public

economics, and taxation, Globalization international trade and the environment

2014-2015, Université Lyon 3, IAE Lyon School of Management.

- ◇ Lectures, B.S. in economics: Microeconomics, International Economics
- ◇ Tutorials, B.S. in economics: Macroeconomics: Finance and Monetary Economics, Microeconomics, International Economics

2010-2014, Aix-Marseille Université, Economics and Management Faculty.

- ◇ Tutorials, B.S. in economics: Mathematics, Macroeconomics

Supervision of students

Thesis (Co-supervisor 50%):

- ◇ Since 2023. Maël James. "Pollution de l'air et inégalités"
- ◇ 2020-2024. Aurélien Lafrogne. "Le rôle de la finance verte dans la transition énergétique : une perspective macroéconomique"

Master:

- ◇ 2021. Makouma Bafaya Koukoura. "Évolution des inégalités départementales de santé en France". Massoade Isaac Bohi "Préférence pour l'environnement, croissance et commerce: Une étude empirique des déterminants macroéconomique de la protection environnementale."
- ◇ 2020 : Tahir Hisseine. "Analyse des déterminants de la consommation des ménages en France en contexte de crise."
- ◇ 2019 : Medoune Thiaw "Évolution des inégalités socio-économiques de mortalité en France: approche par commune et par classe d'âge."

Research articles published

- ◇ Discounting and extraction behavior in continuous time resource experiments, *with D. Dubois, K. Erdlenbruch, M. Willinger*, [Forthcoming, Resource and Energy Economics](#).
- ◇ Pollution, public debt, and growth: The question of sustainability, *with M. Fodha and T. Seegmuller*, [Macroeconomic Dynamics \(2025\)](#).
- ◇ The European renewable energy sector and the macrofinancial environment in calm and turmoil periods *with K. Constant, G. de Truchis and B. Keddad*, [Energy Journal \(2024\)](#).
- ◇ Pollution in a globalized world: Is debt transfer among countries a solution?, *with M. Fodha and T. Seegmuller*, [International Journal of Economic Theory \(2022\)](#).
- ◇ Environment, public debt and epidemics, *with M. Fodha and T. Seegmuller*, [Journal of Public Economic Theory \(2022\)](#).
- ◇ The Role Of Health At Birth And Parental Investment In Early Child Development. Evidence From The French ELFE Cohort, *with E. Lavaine*, [Journal of European Health](#)

Economics (2021).

- ◇ Pollution, children's health and the evolution of human capital inequality, *with K. Constant*, [Mathematical Social Sciences](#) (2021).
- ◇ Unequal vulnerability to climate change and the transmission of adverse effects through international trade, *with K. Constant*, [Environmental and Resource Economics](#) (2019).
- ◇ How crucial are preferences for non-tradable goods and cross-country sectoral TFP gap for integration?, *with K. Gente and C. Nourry*, [Journal of Macroeconomics](#) (2018).
- ◇ Environmental policy and growth when environmental awareness is endogenous, *with K. Constant*, [Macroeconomic Dynamics](#) (2018).
- ◇ Should a country invest more in human or physical capital? A two-sector endogenous growth approach, *with K. Gente and C. Nourry*, [Mathematical Social Sciences](#) (2015).
- ◇ Public education spending, sectoral taxation and growth, [Revue d'économie politique](#) (2014).
- ◇ Social Optimum in an OLG model with paternalistic altruism, *with K. Gente and C. Nourry*, [Economics Bulletin](#) (2012).

Works in progress

- ◇ Does income inequality affect health vulnerability to pollution? Evidence from France, *with K. Constant and E. Lavaine*, [CEE-M Working Paper 2025](#). Submitted.
- ◇ Green finance for the energy transition: Countering biases in the financial system, *with F. Ricci*.

Seminars and Conferences

- ◇ 2024. Workshop Long-Run Dynamics in Economics, *Grenoble*;
- ◇ 2023. FIRE workshop, *Lyon*;
- ◇ 2022. Workshop Epidemics, Ecology and Economy: intersections and interplays, *Bordeaux*; 7th Workshop Environmental and Resource Economics, *Montpellier*; Séminaire d'économie TREE, *Pau*; FAERE, *Rouen*; Workshop Long-Run Dynamics in Economics, *Rouen*;
- ◇ 2021. EAERE, *Berlin*, online;
- ◇ 2019. Workshop in honor of Carine Nourry, *Marseille*; Environmental and resource economics seminar, CEE-M, *Montpellier*; 17th journée LAGV, *Aix-en-Provence*; Rencontre Sherbrook-Montpellier, *Sherbrook*;
- ◇ 2017. Environmental and resource economics seminar of EconomiX, Université Paris Nanterre, *Paris*; EAERE, *Athens*; 15th journée LAGV, *Aix-en-Provence*; Rencontre

Sherbrook-Montpellier, Montpellier;

- ◇ 2016. FAERE, *Bordeaux*; IRMBAM IPAG, *Nice*; Environmental and resource economics seminar of LAMETA, *Montpellier*;
- ◇ 2015. Internal Seminar LAMETA, *Montpellier*; PET 15, *Luxembourg*; 14th journée LAGV, *Aix-en-Provence*; 19th T2M, *Berlin*; ADRES Doctoral Conference, *Paris*;
- ◇ 2014. ASSET Meeting, *Aix-en-Provence*; 63rd Meeting AFSE, *Lyon*; 18th T2M, *Lausanne*;
- ◇ 2013. PET 13, *Lisbon*; 12th journée LAGV, *Aix-en-Provence*; 62nd Meeting AFSE, *Aix-en-Provence*; Instability and public policies in a globalized world : Conference in honor of Jean-Michel Grandmont, *Marseille*; PhD workshop AMSE, *Aix-en-Provence*; Overlapping Generations Days, *Clermont Ferrand*; 17th T2M, *Lyon*;
- ◇ 2012. 11th journée LAGV, *Marseille*; Overlapping Generations Days, *Marseille*;
- ◇ 2011. New Challenges for Macroeconomic Regulation: Financial Crisis, Stabilization Policy and Sustainable Development, GREQAM, *Marseille*; Overlapping Generations Days, *Villesalm*; 15th T2M, *Montréal*;
- ◇ 2010. PhD student seminar GREQAM, *Marseille*.

Grants

2025-2029: Member of the ANR project MADIMIN supervised by Nicolas Gravel

2016-2021: Member of the ANR project GREEN-Econ project supervised by Nicolas Quérrou and Hubert Stahn.

2020: Head of the project SRUM (Soutien à la Recherche de l'Université de Montpellier) "Dynamics of natural resource and experimental games".

Administrative and Scientific Responsibilities

2023-2025 Alternate member of *Commission RH Économie*, Université de Montpellier.

2022-2025: Co-supervisor of the Master's program in economics, Université de Montpellier.

2018-2025: Member of the economic faculty council, Université de Montpellier.

2018-2024: Group leader of the CEE-M research group "Preserving natural resources and biodiversity".

2023: Scientific committee member of the 10th conference of the French Association of Environmental Economists, Montpellier

2022: Member of Jury of FAERE Young Economist Award Settlement.

2017-2019: Alternate member of section 5 of the Conseil National des Universités.

Member of the recruitment committee of assistant professors: 2024, Ecole Centrale Marseille. 2023, Institut d'Etudes Politiques d'Aix-en-Provence. 2022, Université Aix-

Marseille. 2020 Université Paris Créteil, 2019, Université de Montpellier.

Referral activities

Journal of Population Economics, Chinese Economic Review, Review of Economic Dynamics, Resource and Energy Economics, Environmental and Resource Economics, Macroeconomic Dynamics, Bulletin of Economic Research, International Journal of Economic Theory, Economics Bulletin.

Skills

Languages: French (native), English

Computer skills: Stata, Mathematica, Latex, MS Office, VBA