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PAUL HADJI-LAZARO

Climate & Biodiversity Macroeconomist

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PROFESSIONAL EXPERIENCE

Agence Française de Développement, France 09/2024 - now

Climate & Biodiversity Macroeconomist in the GEMMES modeling team (CDI)

Agence Française de Développement, France 12/2023 - 08/2024

Climate & Biodiversity Macroeconomist in the GEMMES modeling team (Consultant)

Agence Française de Développement, France 03/2022 - 01/2023

Climate & Biodiversity Macroeconomist in the GEMMES modeling team (CDD)

Université Sorbonne Paris Nord, France 10/2019 - 09/2024

Lecturer in macroeconomics - Supervision of Danny Lang

Enerdata, Grenoble, France 04-10 /2019

Research Internship - Supervision of Thierry Badouard

Research paper (grade : 17/20) ; Computing the tax cost of energy. A bottom-up framework.

Agence Française de Développement (AFD), Paris, France 04-10 /2018

Research Internship - Supervision of Etienne Espagne, Florent Mc Isaac and Devrim Yilmaz

Research paper (grade : 19/20 ; **URL**) : North-South decoupling of a *Stock-Flow Consistent Integrated Assessment Model* (R programming)

Centre d'Études Prospectives et d'Informations Internationales (CEPII), Paris 05-08 /2017

Research Internship - Supervision of Charlotte Emlinger and Gianluca Santoni

Statistical and econometric analysis about value chain reformation after natural disasters in Japan and Thailand (Customs database, Stata programming) ; Note on the *Blog du CEPII* (**URL**)

Institute for International Economic Policy, University of Bonn, Germany 03-07 /2016

Research Internship - Supervision of Jürgen Von Hagen

Literature reviews about factors of fiscal reforms in OECD countries ; Database management

EDUCATION

CEPN, Université Sorbonne Paris Nord, France 2019 - 2024

PhD in Ecological Macroeconomics

Title: "Integrating Input-Output and Balance Sheet Approaches for Macro-financial Analysis in Ecological Economics"

University Paris-Saclay, France 2018 - 2019

Master 2 in Energy Economics (Master EEET - IFP School & INSTN)

University Paris-Dauphine, France 2016 - 2018

Master 2 in International and Development Economics - Research program

Master 1 in International Affairs and Economic Development - Specialization in Economics

University of Bonn, Germany 2015 - 2016

Master courses in Economics - Erasmus

Toulouse School of Economics, France

2014 - 2015

Bachelor in Economics

École Nationale de Commerce, Paris, France

2012 - 2014

HEC preparation class

Paul Robert High School, Les Lilas, France

2011 - 2012

General french Baccalauréat - Specialization in Economic and Social Sciences

RESEARCH PUBLICATIONS

Hadji-Lazaro, P et al. (2026). A from-whom-to-whom approach to understand the financial structure of South Africa. *World Institute for Development Economic Research (UNU-WIDER) - No. wp-2025-113*. ([URL](#))

Hadji-Lazaro, P et al. (2025). Accounting for Nature - An assessment of nature-related risk and prudential policy in the South African banking sector. *Global Canopy Working Paper* ([URL](#))

Hadji-Lazaro, P et al. (2025). A framework to assess socioeconomic and spatialized nature-related risks: an application to South Africa. *Environmental and Sustainability Indicators*

Hadji-Lazaro, P. (2025). Environmental responsibility and exposure of finance: combining Environmentally-extended Input-Output and Balance Sheet approaches. *Ecological Economics*.

Hadji-Lazaro, P., Salin, M., et al. (2024). Biodiversity loss and financial stability as a new frontier for central banks: an exploration for France. *Ecological Economics*.

Hadji-Lazaro, P et al. (2023). Socioeconomic and spatially-explicit assessment of Nature-related risks: the case of South Africa. *AFD working paper*. ([URL](#))

Godin, A., Hadji-Lazaro, P. (2022). Demand-induced transition risks: A systemic approach applied to South Africa. *La Revue Economique* ([URL](#))

Hadji-Lazaro, P et al. (2022). Taking the Temperature of European Green Deal. *Foundations for European Progressive Studies Brussels*

Svartzman, R., Espagne, E., Gauthey, J., Hadji-Lazaro, P., Salin, M., Allen, T., ... Vallier, A. (2021) A “Silent Spring” for the Financial System? Exploring Biodiversity-Related Financial Risks in France. *Banque de France working paper* ([URL](#))

TECHNICAL SKILLS

Computer skills

R, Julia, Python, Latex, Mathematica

Applications

Macroeconomic Modelling (Input-Output, SFC modeling), System Dynamics, Statistics and Econometrics

LANGUAGES

French (native language) ; English (fluent written and spoken) ; German (moderate) ; Spanish (entry-level)