

Elise KREMER, Economist

✉ elise.kremer@outlook.fr

🇫🇷 French

📍 Paris, France

📅 CV last updated on 2025-08-22




Professional Experience

- 10/2024
Paris, France
- Research Economist**, *Center for Climate and Nature (CCN), Financial Stability and Operations Directorate, Banque de France*
- Scenario design of nature-related stress tests, integrating ecosystem services and nature degradation into macroeconomic and financial stability frameworks
 - Model development to capture climate- and nature-related financial risks, informing monetary and supervisory policy analysis
 - Collaboration with French research institutes and international institutions to promote capacity building on nature-modelling
 - Contribution to the NGFS Task Force on Nature
 - Supervision of PhD students and interns
- 01/2023 – 10/2024
Milan, Italy
- Postdoctoral researcher**,
RFF-CMCC European Institute on Economics and the Environment (EIEE)
- Agent-based integrated assessment modeling to evaluate macro-financial implications of climate policies and energy crises
 - Project management and scientific support for international research consortia
- 09/2017 – 12/2022
Paris, France & Bielefeld, Germany
- PhD candidate**, *Paris 1 Panthéon-Sorbonne University & Bielefeld University*
- Agent-based macroeconomic modeling and data analysis of systemic risk and financial instability
- 09/2020 – 09/2022
Paris, France
- Assistant lecturer**, *University Paris 1 Panthéon-Sorbonne*
- Teaching of undergraduate courses in macroeconomics and statistics

Education

- 2017 – 2022
- European Doctorate in Economics Erasmus Mundus (EDEEM), with high honors**, *Paris 1 Panthéon-Sorbonne University & Bielefeld University (French-German joint degree)*
- PhD Thesis: "Financial innovations and macroeconomic stability: an assessment of contingent convertible bonds"
- 2016 – 2017
- M.Phil (Master 2) in Economic and social research, with high honors**, *Paris 1 Panthéon-Sorbonne University*
- Master thesis: "The modelling of the financial sector in stock-flow consistent models"
- 2015 – 2016
- M.A. (Master 1) in Empirical and Theoretical Economics, with honors**, *Paris 1 Panthéon-Sorbonne University & Paris School of Economics*
- Master thesis: "Should Sweden join the Eurozone? A synthetic control analysis"

Publications

Kremer, E. and Tinel B. (2022). "Contingent convertible bonds and macroeconomic stability in a stock-flow consistent model", *Metroeconomica*, 73(4), 1112– 1154. <https://doi.org/10.1111/meca.12392> 

Work in progress

Kremer E., Reissl S., Fierro L., Lamperti F., Emmerling J., Roventini A., "Energy price shocks in the European Union: macroeconomic impacts, distributional effects and policy responses". Submitted to *Energy Economics*

Fierro L., Reissl S., Lamperti F., Campiglio E., Drouet L., Emmerling J., **Kremer E.**, Tavoni M., "Macro-financial transition risks during deep mitigation pathways: evidence from a hybrid agent-based integrated assessment model". Submitted to *Communications Earth & Environment*

Kremer E., "Contingent convertible bonds and financial contagion in an agent-based model". Work in progress.

Conferences and research paper presentations

07/2024 Milan, Italy	International Conference of the Economic Policy in Complex Environment (EPOC) Network Energy price shocks in the European Union: inflation, distributional effects and policy insights
07/2024 Leuven, Belgium	29th annual Conference of the European Association of Environmental and Resource Economists (EAERE) Energy price shocks in the European Union: inflation, distributional effects and policy insights
11/2023 Venice, Italy	16th annual Conference of the Integrated Assessment Modeling Consortium (IAMC) Energy price shocks in the European Union: inflation, distributional effects and policy insights
10/2023 Online	7th annual Conference of the European Climate and Energy Modelling Platform (ECEMP) Energy price shocks in the European Union: inflation, distributional effects and policy insights
09/2023 Leeds, United Kingdom	35th annual Conference of the European Association for Evolutionary Political Economy (EAEPE) Contingent convertible bonds and financial contagion in a stock-flow consistent agent-based model
11/2022 Pisa, Italy	"ABM4Policy" Workshop, Scuola Superiore Sant'Anna Contingent convertible bonds and financial contagion in a stock-flow consistent agent-based model
10/2019 Berlin, Germany	23rd annual Forum for Macroeconomics and Macroeconomic Policies (FMM) Contingent convertible bonds and macroeconomic stability in a stock-flow consistent model
06/2019 Paris, France	"Financialized Globalization" Workshop, Paris 1 Panthéon-Sorbonne University Contingent convertible bonds and macroeconomic stability in a stock-flow consistent model
06/2018 Bristol, United Kingdom	"History, money and the macroeconomy in political economy" Workshop, University of the West of England Contingent convertible bonds and macroeconomic stability in a stock-flow consistent model

Skills

**Data analysis
softwares**
R, Stata, SAS

**Programming
languages**
Python, Java, C++

Office Pack

Languages

French
Native

English
C1

German
B1

Italian
A1