

Climate & Biodiversity Conference

Impact of climate risk and biodiversity loss
on financial stability and monetary policy

May 22-23, 2024
Paris



CONFERENCE VENUE

Banque de France
31, Rue Croix des Petits Champs
Room: Espace Conférence
75001 Paris

ORGANIZING COMMITTEE

Emmanuelle ASSOUAN (Banque de France)
Olivier de BANDT (Banque de France)
Jean BOISSINOT (Banque de France)
Laurent CLERC (ACPR)
Fany DECLERCK (TSE)
Stéphane DEES (Banque de France)
Ulrich HEGE (TSE)

CONFERENCE SECRETARIAT

Email: BDF-Biodiversity@tse-fr.eu

Wednesday, May 22, 2024

09:00 – 09:15

Registration and Welcome Coffee

09:15 – 09:30

Welcome address by Emmanuelle ASSOUAN (Banque de France)

SESSION 1: MACROECONOMICS OF BIODIVERSITY – Chair: Olivier DE BANDT (Banque de France)

The design of public policies and their impact on supply/demand and biodiversity

09:30 – 10:20

KEYNOTE on BIODIVERSITY FINANCE

Caroline FLAMMER (Columbia)

10:20 – 11:05

Anouch MISSIRIAN (TSE), Christopher COSTELLO (University of California), Olivier DESCHENES (University of California), Gavin McDONALD (University of California), and Michael MELNYCHUK (University of Washington)

Demand vs. Supply Side Preservation Policies: The Case of Ocean Biodiversity and Fisheries

Discussant: Anna CRETI (Dauphine University)

11:05 – 11:30

Coffee break

11:30 – 12:20

KEYNOTE on CLIMATE FINANCE

Patrick BOLTON (Imperial College London)

12:20 – 13:30

Lunch

SESSION 2: MACROECONOMICS OF CLIMATE CHANGE AND GREENFLATION – Chair: Stéphane DEES (Banque de France)

Disparities in climate risk exposure, inflation consequences of the ecological transition and insights for macroeconomic modelling

13:30 – 14:15

Adrien BILAL (Harvard), and Esteban ROSSI-HANSBERG (University of Chicago)

Anticipating Climate Change Across the United States

Discussant: Charles SERFATY (Banque de France)

14:15 – 15:00

Jean-Guillaume SAHUC (Banque de France), **Frank SMETS** (ECB), and Gauthier VERMANDEL (Polytechnique)

The New Keynesian Climate Model

Discussant: Francesca DILUISO (Bank of England)

15:00 – 15:30

Coffee break

SESSION 3: BANKING REGULATION AND CLIMATE RISK – Chair: Laurent CLERC (ACPR-Banque de France)

Climate risks, the role and exposure of financial intermediaries, and consequences for prudential regulation

15:30 – 16:15

Martin OEHMKE (LSE), and Marcus M. OPP (Stockholm School of Economics)

Green Capital Requirements

Discussant: Magdalena ROLA-JANICKA (Imperial)

Presentation: 30 minutes for speakers - 10 minutes for discussant and 5 minutes for questions

16:15 – 17:00 Hyejoon JUNG (NY Fed), **João A. C. SANTOS** (NY Fed) and Lee SELTZER (NY Fed)
US Banks' Exposures to Climate Transition Risks
Discussant: Maria LOUMIOTI (University of Texas, Dallas)

17:00 – 18:30 **PANEL ON MONETARY POLICY, BIODIVERSITY AND CLIMATE – Chair: Annick MASOUNAVE (Agefi)**

Maud ABDELLI (WWF, Greening Financial Regulation Initiative Lead)

Orith AZOULAY (Natixis, Global Head of CIB Green and Sustainable)

Mathieu LEFEBVRE (WAGA-ENERGY, CEO)

Olivier GARNIER (Banque de France, Director General Statistics, Economics and International)

Christian GOLLIER (TSE)

19:45 **Dinner** (*upon invitation*)

Thursday, May 23, 2024

08:45 – 09:00 **Welcome Coffee**

09:00 – 09:50 **KEYNOTE on the CLIMATE-BIODIVERSITY NEXUS – Chair: Ulrich HEGE (TSE)**
Geoffrey HEAL (Columbia University)

SESSION 4: NATURE AND THE RISK & VALUATION OF FINANCIAL ASSETS – Chair: Jean BOISSINOT (Banque de France)

Nature and biodiversity loss and its impact on the pricing and risk of financial assets

09:50 – 10:35 Alexandre GAREL (Audencia Business School), Arthur ROMEC (Toulouse Business School), Zacharias SAUTNER (University of Zurich), and **Alexander F. WAGNER** (University of Zurich)
Do Investors Care About Biodiversity?
Discussant: Marie BRIERE (Amundi, Dauphine University)

10:35 – 11:00 **Coffee break**

11:00 – 11:45 **Andreas G.F. HOEPNER** (University College Dublin), Johannes KLAUSMANN (University of Virginia), Markus LEIPPOLD (University of Zurich), and Jordy RILLAERTS (University of Zurich)
Beyond Climate: The Impact of Biodiversity, Water, and Pollution on the CDS Term Structure
Discussant: Jean-Paul RENNE (HEC Lausanne)

SESSION 5: FINANCING THE ECOLOGICAL TRANSITION – Chair: Edith GINGLINGER (Dauphine University)

Public finances and the challenge of the energy and ecological transition

11:45 – 12:30

Luigi LOVINO (Bocconi University), Thorsten MARTIN (Frankfurt School of Finance & Management), and **Julien SAUVAGNAT** (Bocconi University)
Corporate Taxation and Carbon Emissions
Discussant: Jean BOISSINOT (Banque de France)

12:30 – 13:15

Stéphane DEES (Banque de France), and **Caterina SEGHINI** (Swiss Finance Institute)
The Green Transition and Public Finances
Discussant: Fanny HENRIET (AMSE)

13:15 – 13:30

Concluding Remarks by **Christian GOLLIER (TSE)**

End of the conference