



Research Conference

Tuesday, April 15th to Thursday, April 17th

Event Brief

Climate Challenges: Unlocking Opportunities for Sustainable Growth

ABSTRACT | AGENDA | PARTICIPANTS' AFFILIATION

The UM6P FGSES Research Conference on **Climate Challenges: Unlocking Opportunities for Sustainable Growth** offers a unique platform to explore the complexities of climate issues and their impact on economic and policy landscapes. Taking place over 2 and half days, the event will gather experts from diverse disciplines, ensuring a comprehensive and holistic approach to tackling climate-related challenges.

The conference agenda reflects the breadth and depth of the topics addressed, spanning uncertainty in climate macroeconomics, adaptation strategies, macro-finance implications, and the role of production networks in shaping climate outcomes. Participants will have the opportunity to engage in discussions that bridge theoretical insights with practical applications, fostering innovative solutions for sustainable development.

The event will also delve into critical cross-cutting themes such as water management and renewable energy, emphasizing the importance of interdisciplinary dialogue. By integrating perspectives from academia, policy, and industry, the conference aims to catalyze actionable strategies that are not only globally relevant but also attuned to regional specificities.

PhD students and FGSES faculty are strongly encouraged to attend, as the conference provides a valuable opportunity to engage with cutting-edge research, collaborate with global experts, and contribute to shaping the dialogue on climate challenges. This event is a chance to enrich their academic work, expand professional networks, and bring fresh perspectives to ongoing debates within the field.

This gathering underscores UM6P's and the FGSES commitment to advancing knowledge and collaboration at the intersection of climate science and sustainable growth and especially in the context of Africa. Attendees will benefit from a rich exchange of ideas, connecting with a global network of thought leaders and practitioners dedicated to addressing one of the most pressing issues of our time. The conference promises to be a landmark event for those seeking to contribute to meaningful and impactful climate solutions.

Agenda

Venue : B-B1-01

DAY 1: Tuesday, April 15th, 2025

08:30- 09:00	Welcome Coffee and registration- Hall next to seminar room B-B1-01
09:00- 09:30	Welcome address Karim El Aynaoui- Executive Vice President of Mohammed VI Polytechnic University and Dean of its Humanities, Economics and Social Sciences Cluster
09:30- 10:30	Keynote: Climate Policy and Inequality Rick van der Ploeg- Oxford University

Session 1: Uncertainty in Climate Macroeconomics

10:30- 11:30	Uncertainty in the Analytic Climate Economy Christian Traeger- University of Oslo
11:30- 12:00	Coffee break- Hall next to seminar room B-B1-01
12:00- 13:00	Using Machine Learning to compute all constrained Pareto optimal carbon tax rules in a stochastic OLG model Simon Scheidegger- HEC Lausanne
13:00- 14:00	Lunch break- Student Center 2

Session 2: Heterogeneity and Climate Policy

14:15- 15:15	A Macro Study of the Unequal Effects of Climate Change Stephie Fried- Federal Reserve of San Francisco
15:15- 16:15	EU Carbon Pricing: Unravelling the Intersection of Production Networks and Heterogeneous Agents Josselin Roman- European Commission Joint Research Centre
16:15- 16:45	Coffee break- Hall next to seminar room B-B1-01
16:45- 17:45	Measuring Deep Uncertainty in Theory and Evidence: House Prices Under Rising Seas Michael Barnett (Arizona State University)

DAY 2: Wednesday, April 16th, 2025

Session 3: Macro-Transition and Climate Policy

09:00-10:00	Workers' Perception of The Energy Transitions a Survey Experiment Valentina Bosetti- Bocconi University
10:00-11:00	Optimal Climate Policy as if the Transition Matters Simon Dietz- London School of Economics and Political Science
11:00-11:30	Coffee break- Hall next to seminar room B-B1-01
11:30-12:30	Voluntary Preference Shifts and the Green Transition in General Equilibrium Katheline Schubert- Paris School of Economics
12:30-13:30	Lunch break- Student Center 2

Session 4: Macro-Finance Meets Climate Economics

14:00–15:00	The New Keynesian Climate Model Gauthier Vermandel- Institut Polytechnique de Paris
15:00–16:00	The Green Metamorphosis of a Small Open Economy Evi Pappa- Carlos III University of Madrid
16:00–16:20	Coffee break- Hall next to seminar room B-B1-01
16:20-17:20	Unveiling the Green Equity Premium: A Macro-Financial Outlook Rhys Bidder- King's College London

Plenary Session: Energy Transition, Water Management and Scarcity

Venue: B-G0-01

17:30-19:00	Round Table: Hicham Laabassi (Senior Project Manager at Masen), Rick van der Ploeg (Oxford University), Valentina Bosetti (Bocconi University), Evi Pappa (Carlos III University of Madrid)
20:00-22:00	Dinner (Speakers and invited faculty only)

DAY 3: Thursday, April 17th, 2025

Session 5: Role of Climate Dynamics in Shaping Economic Decisions

9:00- 10:00	Robustness to Model Uncertainties Drives More Rapid CO2 Emissions Reductions David Anthoff- University of California at Berkeley
10:00- 11:00	Climate Shift Uncertainty and Economic Damages Manuel Linsenmeier- Princeton University
11:00- 11:15	Coffee Break- Hall next to seminar room B-B1-01
11:15- 12:15	Air Quality Modeling Daniel Westervelt- Columbia University
12:15- 12:30	Closing Remarks Ghassane Benmir- IE and UM6P

Participants	Affiliation
David Anthoff	University of California at Berkeley
Michael Barnett	Arizona State University
Rhys Bidder	King's Business School
Valentina Bosetti	Bocconi University
Simon Dietz	London School of Economics and Political Science
Stephie Fried	Federal Reserve of San Francisco
Manuel Linsenmeier	Princeton University
Evi Pappa	Carlos III University of Madrid
Josselin Roman	European Commission - Joint Research Centre
Simon Scheidegger	HEC Lausanne
Katheline Schubert	Paris School of Economics
Christian Traeger	University of Oslo
Rick van der Ploeg	Oxford University
Gauthier Vermandel	Institut Polytechnique de Paris
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