

Workshop on Sustainable Development and Resilience of Energy Markets (February 20-21, 2025)



FINAL PROGRAM

DAY ONE: Thursday 20 February

Macquarie University City Campus, 123 Pitt Street, Angel Place, Level 24

10.00-10.45am	Registration, Coffee and Morning Tea
10.45-11.00am	Stephane Goutte and Stefan Trück Welcome and Opening Remarks

	Geopolitical and Climate Risks
11.00-11.40am	Tony Klein (Technische Universität Chemnitz) Novel geopolitical shocks to energy markets: An overview
11.40-12.20pm	Matteo Malavasi (University of New South Wales) The Impact of Extreme Weather Events on Pro-Environmental Beliefs and Actions in Australia
12.20-1.00pm	Pavel Shevchenko (Macquarie University) Dynamic Integrated Climate-Economy Models

1.00-2.00pm Lunch

	Energy Systems and Transformation Chair: Andrea Paltrinieri
2.00- 2.40pm	Andrea Paltrinieri (Universita Cattolica del Sacro Cuore) The natural gas market: a systematic review
2.40- 3.20pm	Reza Aghdam (Macquarie University) Dynamics of Energy-Affluence Nexus in Scandinavian Countries: Time-Sensitivity and Circularity Analysis
3.20- 4.00pm	Kevin Nixon (Macquarie University) Weather Risk Management: Considering the Options

4.00-4.30pm Afternoon tea

	Climate, Energy and the Environment Chair: Stephane Goutte
4.30- 5.10pm	Fatemeh Nazifi (Macquarie University) What Drives Emerging Carbon Credit Markets? An Empirical Analysis
5.10- 5.50pm	Ibtissem Khelifati (Université Paris Saclay) Energy security challenges with respects to climate change and crisis
5.50- 6.30pm	Stefan Trück (Macquarie University) Wind Droughts in Wholesale Electricity Markets: Frequency, Severity, and Price Impact

7.00pm Conference dinner

The Little Snail

3/50 Murray St, Pyrmont NSW 2009, Australia

Please allow 15-20 minutes to walk from the Macquarie University City Campus to the restaurant, located near Darling Harbour. Alternatively, it is 5-10 minutes by taxi.

DAY TWO: Friday 21 February

Macquarie University City Campus, 123 Pitt Street, Angel Place, Level 24

9.30am	Plenary Session Dianna Englund, Sustainability Solutions Director, S&P Global Sustainability and Climate Resilience
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10.30-11.00 Break /Morning Tea

	Electricity Markets Chair: Tony Klein
11.00-11.40pm	Santosh Sapkota (Macquarie University) Flexibility premiums in price setting of wholesale electricity markets: a quantile regression approach
11.40-12.20pm	Rabindra Nepal (University of Wollongong) Tail Risk Connectedness in the Australian National Electricity Market
12.20-1.00pm	Lin Han (Macquarie University) The Value of Dispatchability and Earnings-at-Risk of Electricity Generators under Energy Transition

1.00-2.00pm Lunch

	Sustainability and Energy Sector Performance Chair: Rabindra Nepal
2.00-2.40pm	John Inekwe (Macquarie University) Electricity Sector Performance in Africa – the Role of Political Uncertainty
2.40-3.20pm	Muhammad Tayyab Ayaz (University of Wollongong) Energy uncertainty and Energy Consumption in Asia: the moderating role of oil prices

3.20-3.45pm	Stephane Goutte & Stefan Trück New Journal: Development and Sustainability in Economics and Finance Closing Remarks
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