



ENVIRONMENTAL POLICY OPTIONS

Uncertainty, Adaptation & Flexible Decisions

Wednesday 19 and Thursday 20 July 2023
Free two-day open workshop
Durham University Business School, Durham, UK

Sponsored by

Features

- Practical presentations and case applications by experts from leading universities
- Tutorial & featured presentations by global thought leaders
- Two panel discussions by leading experts
- Roundtable (break-out) discussions where participants choose their area of interest and interact to address key issues & challenges (Climate/Environment Policy or Renewables/Energy Transition)
- Networking reception & dinner, coffee breaks, luncheons to interact in a relaxing atmosphere
- Workshop is provided free to the public (if registered by 30 April); networking reception & dinner at St Chad's College in Durham on 19 July available at cost.

Benefits of attending

- Learn how to make flexible decisions under uncertainty and adapt to climate change
- Deal with climate uncertainty and adaptation to limit downside risks
- Translate organisational plans into forward-looking strategies that enhance stakeholder wealth and public welfare
- Understand and communicate the advantages of an options perspective and forward-looking dynamic thinking compared to standard (cash flow) analysis
- Learn how to structure decisions, policies & agreements to face uncertainty and maintain flexibility
- Learn about successful case applications in Environment Policy & Energy Transition
- Benefit from experiences of leading universities and organisations across the globe
- Consider the benefits and challenges of using real options thinking in your policies
- Meet and interact with international thought leaders and peers.

Day one: Wednesday 19 July
ENVIRONMENTAL POLICY

7:45 Registration & Coffee

8:20 Welcome remarks

8:30 Ecosystem Accounting and Biodiversity
Alejandro Caparros (Durham University, UK)

9:00 EU Bioeconomies and Sustainable Development,
Justus Wesseler (Wageningen University, Netherlands)

9:30 Climate Change, Policy Financing and Sovereign
Debt Sustainability, Stavros Zenios (University of
Cyprus)

10:00 Incentives via Alternative Green Bond Designs,
Maximilian Schreiter (HHL, Germany)

10:30 Morning coffee break

11:00 Real Options in Environmental Policy, Yuri
Lawryshyn (University of Toronto, Canada)

11:30 Real Environmental (Switching) Options
Dean Paxson (University of Manchester, UK)

12:00 Real Options, Climate Uncertainty and
Adaptation, Alistair Hunt (University of Bath, UK)

12:30 Luncheon

1:30 Green Technology Transition in the Presence of
Uncertainty, Michael Leiblein (Ohio State University,
USA)

2:00 Measuring the Social Cost of Carbon under
Uncertainty, Christian Gollier (Toulouse School of
Economics, France)



2:30 Afternoon coffee break

2:45 What We Know and Don't Know About Climate
Change and Implications for Policy, Robert S. Pindyck
(MIT, USA)

3:45 Panel Discussion on Environmental Policy
Moderators: Laura Marsiliani and Lenos Trigeorgis
(Durham University, UK)

Panelists include:

Emma Black
(Newcastle University & CEO of Cascade, UK)

Alejandro Caparros
(Durham University, UK)

Christian Gollier
(Toulouse School of Economics, France)

Robert S. Pindyck
(MIT, USA)

Julian Williams
(Durham University, UK)

Stavros Zenios
(University of Cyprus)



5:00 Move to Durham Cathedral (outside the
entrance)

5:20 Tour of historic Durham Cathedral, Castle and
Palace Green

6:20 Networking drinks reception at The Quad of St
Chad's College

7:00 Dinner at St Chad's College dining hall
(Moulsdale Hall)

Day two: Thursday 20 July

ENVIRONMENTAL POLICY OPTIONS

8:30 Welcome & coffee

9:00 Carbon Reduction Through Industrial Symbiosis,
Jacco Thijssen (University of York, UK)

9:30 Climate Policy Toward Carbon Reduction and
Greener Cities Adaptation, Tine Compennolle (University
of Antwerp, Belgium)

10:00 Real Sustainability Options, Miriam Pedol
(Assicurazioni Generali S.p.A., Italy)

10:30 Morning coffee break

11:00 Land Use and Habitat Preservation under
Uncertainty, Elizabeth Whalley (Warwick University, UK)

11:30 Roundtable discussions

A. Climate/Environment Policy (lead by Yuri Lawryshyn &
Alistair Hunt)

B. Renewables/Energy Transition (lead by Laura
Marsiliani & Dean Paxson)

12:30 Luncheon

RENEWABLES AND ENERGY TRANSITION

1:30 Alternative Firm Environmental Policies for Energy
Transition, Babak Jafarizadeh (University of California
at Berkeley, USA)

2:00 Wind to Hydrogen: Toward a Sustainable
Economy in England, Mi Tian (University of Exeter, UK)

2:30 Renewables and the Flexible Use of Green
Hydrogen in Brazil, Luiz Brandao (PUC-Rio, Brazil and
U. of Texas at Austin, USA)

3:00 Afternoon Coffee Break

3:30 Investment Incentives in Renewable Energy,
Artur Rodrigues (University of Minho, Portugal)

4:00 Subsidies for Renewable Energy Facilities,
Roger Adkins (University of Bradford, UK)

4:30 Green Investment under Subsidy Retraction Risk,
Roel Nagy (University of Antwerp, Belgium)

5:00 Panel Discussion on Environmental Policy
(Real Options Perspective)
Moderators: Dean Paxson (University of Manchester)
and Lenos Trigeorgis (Durham University, UK)

Panelists include:

Alistair Hunt (University of Bath, UK)

Yuri Lawryshyn (University of Toronto, Canada)

Artur Rodrigues (University of Minho, Portugal)

Jacco Thijssen (University of York, UK)

Elizabeth Whalley (Warwick University, UK)

Closing remarks

