

The UCC Climate Change Research workshop aims to bring together diverse elements of **climate change mitigation, climate change adaptation and climate change observation research** in UCC to share knowledge, leverage UCC research strengths in this area and explore collaborative opportunities. The potential for UCC to participate in national and international climate change initiatives (e.g. Climate Change Knowledge & Innovation Community) will be explored. The Climate Change Research workshop is an initiative by the ERI Energy Policy & Climate Change thematic area led by Dr Brian Ó Gallachóir.

Programme

9.00	Welcome by Professor Alan Dobson (Director, ERI) & Dr Brian Ó Gallachóir (School of Engineering & ERI)
Session I Chair: Dr Brian Ó Gallachóir (School of Engineering & ERI)	
9.10	<i>Modelling to inform Irish climate change mitigation policy</i> Dr Paul Deane (School of Engineering & ERI)
9.25	<i>The Composition and Sources of Atmospheric Particles and Their Role in Earth's Climate</i> Dr John Wenger (Dept of Chemistry & ERI)
9.40	<i>Climate Ireland- Enabling adaptation to Climate Change</i> Dr Barry O'Dwyer (Coastal & Marine Research Centre & ERI)
9.55	<i>GHG fluxes from Terrestrial Ecosystems - peatlands, grasslands and forestry</i> Professor Ger Kiely (School of Engineering & ERI)
10.10	Flash presentations <i>The Status of Ireland's Climate, 2012</i> Dr Ned Dwyer (Coastal & Marine Research Centre & ERI) <i>New approaches to measuring the aerosol direct effect in radiative forcing</i> Dr Dean Venables (Dept of Chemistry & ERI) <i>The Politics of Global Warming</i> Professor Graham Parkes (Dept of Philosophy) <i>The Law of Adaptation to Climate Change: Towards a Sustainable and Integrated Coastal and Ocean Management</i> Dr Fariborz Safari (Faculty of Law) <i>Financial market assessment of carbon liabilities</i> Ms. Celine McInerney (Dept of Accounting)
10.30	Coffee and networking break (with poster presentations)

Session 2

Chair: Dr Paul Bolger (Environmental Research Institute)

11.00	<i>The future direction of adaptation research in supporting EU and Irish policy implementation</i> Dr Stefan Gray (Coastal & Marine Research Centre & ERI)
11.15	<i>Potential for biomethane technologies to treat waste, substitute for fossil fuel, & reduce GHG emissions</i> Dr Jerry Murphy (School of Engineering & ERI)
11.30	<i>The role of social science in climate change research</i> Dr Colin Sage (Dept of Geography & ERI)
11.45	<i>Climate technology – Ireland’s opportunity?</i> Dr Fionn Rogan (School of Engineering & ERI)
12.00	Flash presentations <i>Earth Observation systems for Climate Change</i> Dr Fiona Cawkwell (Dept of Geography & ERI) <i>Wind energy and CO₂ emissions</i> Dr Paul Leahy (School of Engineering & ERI) <i>Legal Frameworks for climate justice, human rights and natural disasters</i> Dug Cubie (Faculty of Law) <i>Incoherent broadband Cavity Enhanced Absorption Spectroscopy: Application in Climate research</i> Dr Raghunandan, Ranjini (Dept of Physics & ERI)
12.20	Climate Change Research – EU & National funding opportunities & the Climate KIC Dr Sonia Monteiro (UCC Research Office) & Dr Paul Bolger (ERI)
12.30	Breakout group - Opportunities for UCC in climate change research
13.00	Light lunch & networking (with poster presentations)