

Climate Change and Upland Management

Losehill Hall - Peak District National Park Centre for Environmental Learning
Castleton, 19-20 November 2007



Conference Programme

Monday 19 November 2007

9:30 –10:00	reception
10.00	Welcome <i>Tom Tew, Chief Scientist, Natural England</i>
10.10	Moors for the Future Partnership <i>Chris Dean, Programme Manager, Moors for the Future</i>
10.25	Moors for the Future conference introduction <i>Aletta Bonn, Charlie Horsford & Jonathan Walker, Research Team, Moors for the Future</i>
10.30	Climate change and carbon flux scenarios for Britain <i>Pete Smith, University of Aberdeen</i>
11.10	tea & coffee
Carbon & Water	
11.40	Carbon budgets of upland peat - is peat the new black gold? <i>Fred Worrall & Martin Evans, University of Durham, The University of Manchester</i>
12.00	Water colour & DOC – what are the mechanisms? <i>Helen O'Brien, Nottingham Trent University</i>
12.20	Defra Soil Strategy for England - Peat Programme <i>Judith Stuart, Soil Policy Specialist, DEFRA</i>
12.40	Natural England Programme – Land managers as carbon managers? <i>David Thompson, Senior Specialist Climate Change, Natural England</i>
13.00	lunch
14.00	Moors for the Future research & knowledge transfer <i>Aletta Bonn, Charlie Horsford & Jonathan Walker, Research Team, Moors for the Future</i>
14.20	Heavy metal flux from upland peats: implications with climate change <i>James Rothwell, Manchester Metropolitan University</i>
14.40	Moorland hydrology and environmental change <i>Joseph Holden, University of Leeds</i>
15.00	Climate change, upland management and flood protection <i>Bill Donovan, Environment Agency, University of Lancaster</i>
15.20	tea & coffee
16.00 Workshops	
I Climate Change & Water	A changing climate for Yorkshire Water land management? <i>Mike Pearson, Land & Programme Manager, Yorkshire Water</i>
	Discussion <i>chair: Geoff Nickolds, PDNPA Member, Moors for the Future Chair</i>

Moors for the Future Partnership.

Peak District National Park Authority, Natural England, National Trust, United Utilities, Severn Trent Water, Yorkshire Water, Environment Agency, Derbyshire County Council, Sheffield City Council and Moorland Owners.

II	Climate Change & Carbon
III	Climate Change & Wildfire
Plenum	
17.10	
17.45	
19.15	
Poster Session & drinks	
20.00– 21.00	
evening	

Restoration and Carbon trading opportunities
Judith Stuart, Soil Policy Specialist, DEFRA

Discussion

chair: Judith Stuart, Soil Policy Specialist, DEFRA

Increasing water supplies for moorland
fire fighting in the Peak District
Keith Massey, Water Management Consultants Ltd

Discussion on wildfire management issues
and knowledge transfer

chair: Sean Prendergast, Head of Field Services, PDNPA

Plenum - Reports from sessions

dinner

The Environmental Change Network –
Bleaklow as new long-term monitoring site?
Mike Morecroft, Environmental Change Network

Science meets the Eye!

Celebration of Science in the Peak District competition
please see notes

bar



Tuesday, 20 November 2007

8.00	
Climate Change & Biodiversity	
9.00	
9.40	
10.00	
10.20	
10.40	
11.10	
11.30	
11.50	

breakfast

Climate change and biodiversity – adaptive management?
Chris Thomas, University of York

Effects of climate change on upland plant communities
Bridget Emmet, CEH Bangor

Climate change and upland birds
James Pearce-Higgins & Colin Beale, RSPB, Macaulay Institute

Natural England's framework for science, research and evidence -
Integrated science to support integrated solutions
Kevin Charman, Science Planning Principal Specialist, Natural England

tea & coffee

Biodiversity on the moors
Geoff Eyre, Moorland Association

The role of land management in the uplands
Mark Osborne, JM Osborne

Conflicts in management - conservation or services?
Rob Marrs, University of Liverpool

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12.10 Workshops	
I Management & Sustainability	Managing sustainable populations on grouse moors: economic viability & conservation <i>chair: Jon Stewart, Derbyshire and Peak District Team Leader, Natural England</i>
II Management & Rewilding	Rewilding – an option? How much management is needed? <i>chair: Sophie Milner, High Peak Estate Ecologist, National Trust</i>
III Management & Conservation	Strategic conservation management: how to adapt to climate change? <i>chair: Jane Chapman, Head of Environment, Heritage and Recreation Strategy, PDNPA</i>
IV Management & Services	Upland management: for what? <i>chair: Tim Baynes, Head of Moorland Policy, Countryside Alliance</i>
13.00	lunch
Upland Management for Multiple Benefits	
14.00	Visitors in the uplands <i>Catherine Flitcroft, British Mountaineering Council</i>
14.20	Red grouse and climate change <i>Dan Chapman, University of Leeds (RELU)</i>
14.40	The economics of hill farming and its contribution to supporting biodiversity <i>Martin Dallimer, University of Sheffield (RELU)</i>
15.00	tea & coffee
15.30	Ecosystem services in uplands – sustainable management <i>David Raffaelli, UKPopNet Director, University of York</i>
15.50	Plenary discussion
16.30	Farewell

Please see additional notes for **Science meets the Eye!** This Celebration of Science in the Peak District competition is an innovative award to promote science beyond the scope of the conference to the general public.



This conference is supported by additional funding from Environment Agency, National Trust, Natural England, Peak District National Park Authority, United Utilities and Yorkshire Water.

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