



CAPER
Committee on Air
Pollution Effects Research

CAPER 2017

43rd Annual Conference

Newcastle University
10th - 11th April 2017



Programme

CAPER 2017: Newcastle University

Monday 10 th April 2017			
13:00	Welcome Lunch - 'Nu-Food' Reception, Rm G.11 -Agriculture Building		
14:00	Excursion to Cockle Park Farm and Palace Leas Experimental Plots		
16:30	Return to Newcastle University		
19:00	Dinner - 'El Coto' Restaurant (included in fee)		
Tuesday 11 th April 2017			
All presentations will take place in the Clement Stephenson Lecture Theatre, Agriculture Building			
Time	Lead Speaker	Affiliation	Title
09:00	Simon Peacock	Newcastle University	Welcome to CAPER and delegate information
09:05	Gina Mills	Centre for Ecology and Hydrology, Bangor	Introduction from CAPER chair
09:15	Ulli Dragosits	Centre for Ecology and Hydrology, Edinburgh	Identification of key atmospheric N sources at designated sites - Case studies across England, Wales and Northern Ireland
09:35	Ed Carnell	Centre for Ecology and Hydrology, Edinburgh	Evaluating N deposition to designated sites in Northern Ireland for spatial targeting of ammonia mitigation
09:55	Laurence Jones	Centre for Ecology and Hydrology, Bangor	Developing plant-based metrics of N impact in dune wetlands
10:15	Richard Payne	University of York	Peatland vegetation and N deposition: Initial results for a new national survey
10:20	<i>Chair</i>		<i>Discussion</i>
10:30	Tea/Coffee - 'Nu-Food' Reception Rm G.11-Agriculture Building		
11:00	Felicity Hayes	Centre for Ecology and Hydrology, Bangor	Interactions between ozone and nitrogen, heat stress, drought and/or flooding: Current experiments at CEH Bangor
11:20	Divya Pandey	Stockholm Environment Institute, University of York	Understanding and modelling the impacts of ground-level ozone on wheat physiology
11:40	Stephanie Osbourne	Centre for Ecology and Hydrology, Bangor	Profiling the physiological response of wheat (<i>Triticum aestivum</i> L.) to chronic ozone pollution, and applications in ozone flux modelling
12:00	Rob Turner	Bangor University	Climate-smart grass: Quantifying the tipping points for grassland ecosystems functioning in response to extreme stress events
12:20	<i>Chair</i>		<i>Discussion</i>
12:30	Lunch - 'Nu-Food' Reception, Rm G.11-Agriculture Building		
13:30	Mike Ashmore	Stockholm Environment Institute, University of York	KEYNOTE PRESENTATION - Plants Pollution People and Policy

14:20	Simon Bareham	Natural Resources Wales, Bangor	Air quality Science to support policy outcomes
14:40	Khalid Aazam	Natural Resources Wales, Port Talbot	Sustainable Management of Natural Resources
15:00	Tea/Coffee - 'Nu-Food' Reception, Rm G.11 - Agriculture Building		
15:30	Claire Campbell	Scottish Environment Protection Agency, Stirling	From research to regulatory practice
15:50	Gina Mills	Centre for Ecology and Hydrology, Bangor	New and updated flux-based critical levels for ozone and their applications in the UK
16:10	Felicity Hayes	Centre for Ecology and Hydrology, Bangor	New flux based ozone critical levels for semi-natural vegetation
16:30	<i>Chair</i>		<i>General Discussion – Science to Policy: The Next Steps</i>
End			
17:30	CAPER Steering Committee - Common Room, G.02 Agriculture Building		
19:00	CAPER Dinner - 'The Earl of Pitt Street' (included in fee)		
Wednesday 12th April 2017			
All presentations will take place in the Clement Stephenson Lecture Theatre, Agriculture Building			
Time	Lead Speaker	Affiliation	Title
09:00	Simon Peacock	Newcastle University Morgan Biodiversity	Potential inputs of NH ₃ -N at Palace Leas Experimental Grassland Plots, Cockle Park Farm, Northumberland
09:20	Tariq Khan	Park, Rawalpindi, Pakistan	Indoor Pollution: An imperative threat to human health, role of interior plants in mitigation
09:40	Laurence Jones	Centre for Ecology and Hydrology, Bangor	Benchmarking botanical indicators against national survey data
10:00	Gina Mills	Centre for Ecology and Hydrology, Bangor	'The Global Tropospheric Assessment Report'
10:20	<i>Chair</i>		<i>General Discussion</i>
10:30	Tea/Coffee - 'Nu-Food' Reception, Rm G.11 Agriculture Building – Packed Lunches		
Depart			

