Nitrous Oxide: from enzymes to global warming

Understanding the implications for your organisation

Friday 22nd February, 2008

Zuckerman Institute for Connective Environmental Research (ZICER building), University of East Anglia

10.00 am	Welcome: Vice Chancellor, Professor William Macmillan
10.10 am	Setting the Scene; putting Nitrous Oxide (N_2O) into context Professor David Richardson, Dean Faculty of Science
	Introducing Nitrous Oxide from a historical perspective to the current global issue.
10.25 am	Climate Change – the relationship between Nitrous Oxide and CO_2 Dr Bruce Tofield, CRed (Community Carbon Reduction) & School of Environmental Sciences
	Exploring the relationship between carbon sequestration and its impact upon N_2O release.
10.40 am	Soil - the significance of N_2O emissions Dr Elizabeth Baggs, NERC Advanced Research Fellow, School of Biological Sciences (Plant & Soil Science), University of Aberdeen
	Discussing the sources of nitrous oxide, the main controls and drivers and the implications for management and mitigation.
10.55 am	Nitrous Oxide Focus Group – current and future objectives Professor David Richardson
11.10 am	Questions over Coffee
11.25 am	From the Soil to the Stratosphere – the science behind nitrous oxide and its impact on global warming
	The Production and Consumption of N_20 – where does it come from? Professor Andrew Thomson, FRS /Dr Nick Watmough
	N_2O production in different environments – the consequences for environmental management Professor Julian Andrews/Dr Kevin Hiscock
	The Stratospheric Sink of N_2O – the impact upon climate change Dr Jan Kaiser/Dr Parvadha Suntharalingam
	Questions
12.45 pm	Lunch and networking
1.30 pm	Breakout Workshops
2.15 pm	Access to the research and funding opportunities for businesses UEA Research and Business Services
2.30 pm	Coffee/Tea
2.45 pm	Closing Remarks
3.00 pm	Close

To register for this meeting please call 01603 591574 or email andrea.walker@uea.ac.uk
Website: www.nitrousoxide.org

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