



Ministerie van Volkshuisvesting,
Ruimtelijke Ordening en
Milieubeheer



Centre for
Ecology & Hydrology
NATURAL ENVIRONMENT RESEARCH COUNCIL

NITROGEN SIDE EVENT

at the COP 15 to the United Nations Framework Convention on Climate Change
(The Bella Center, Copenhagen 7-18 December, 2009)

OPTIONS FOR INCLUDING NITROGEN MANAGEMENT IN CLIMATE POLICY DEVELOPMENT

Monday, 7th December 2009, 6 pm - 7pm
U.S. Center, Hall C5

This side event aims to bring the impact of nitrogen on climate change and its environmental impacts to the forefront by addressing four main objectives:

1. To highlight the important role of nitrogen in climate processes, including not only the direct effects of nitrous oxide and other nitrogen related emissions such as nitrogen oxide (impacting ozone), ammonia, and aerosols, but also linkages between the nitrogen and carbon cycles.
2. To describe innovative nitrogen management strategies relevant to mitigating climate change, while limiting the environmental impacts.
3. To highlight the anthropogenic perturbations of the nitrogen cycle, which cross ministerial boundaries, and which will require engagement of science and policy communities in different areas: human health, air and water quality, biodiversity, agriculture and energy.
4. To discuss ways forward in the development of synergistic nitrogen management strategies in relation to climate change mitigation.

PROGRAMME

Moderator: *Jill Baron* (US Geological Survey, Colorado State University, USA)

1. **Welcome address:** by *Kilaparti Ramakrishna* (United Nations Environment Programme)
2. **Overview of the topics described in four objectives:** "Nitrogen management for climate and the environment" by *Jan Willem Erisman* (Energy Research Centre of The Netherlands, Free University Amsterdam, The Netherlands)
3. **Panel session and discussion:** "How to develop innovative nitrogen strategies to mitigate climate change". Comments and introduction of panelists by the moderator: *Jan Willem Erisman*, *Kilaparti Ramakrishna*, *Eric Davidson* (The Woods Hole Research Center, USA) and *Jean Pierre Ometto* (Center for Earth System Science, Brazil).
4. **Wrap up and next steps:** The Moderator.

Reception hosted by Centre for Ecology & Hydrology, United Kingdom.

ORGANIZERS: **International Nitrogen Initiative (INI)**, in cooperation with Ministry of Housing and Spatial Planning and Environment (VROM) of The Netherlands, United Nations Environment Programme - Global Partnership on Nutrient Management (UNEP/GPNM), The David and Lucile Packard Foundation, Centre for Ecology and Hydrology, United Kingdom, Scientific Committee on Problems of the Environment (SCOPE), International Geosphere-Biosphere Programme (IGBP), European Science Foundation Nitrogen in Europe Research Networking Programme (NinE-ESF).