



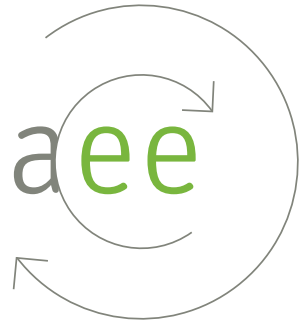
ANAEE FINAL OPEN MEETING

24-25 NOVEMBER 2009
SANDY PARK CONFERENCE CENTRE
EXETER, DEVON, ENGLAND



ANALYSIS AND EXPERIMENTATION ON ECOSYSTEMS

anaee



Synopsis of the meeting

Designing the next generation of experiments to understand and manage ecosystem responses to climate and socio-economic change

There is new interest in the development of integrated infrastructures for terrestrial ecosystem research at the European scale. This is driven by the increasingly important science and policy agendas of land use and climate change, and the availability of new technologies that are essential to drive forward the science, but are too expensive to be developed in an uncoordinated way.

The **ANalysis and Experimentation on Ecosystems** (ANAEE) project is a design study, funded by the EU FP7, to look at how such infrastructures should be developed. ANAEE has focussed on four different, but integrated, research platforms: long-term, field scale experiments; controlled-environment ecotrons; analytical facilities; data management and modelling infrastructures; enabling the experimental study of ecosystem responses to change.



This final meeting of the ANAEE project will explore the science issues involved in experimental ecosystem research, and the infrastructure required to enable such research, setting the scene for a major leap forward in Europe's research capabilities.

OBJECTIVES OF MEETING

- To bring together new thinking in experimental terrestrial ecosystem research, enabling a more integrative, quantitative approach to ecosystem change and its management under changing climatic and socio-economic conditions.
- Present findings of ANAEE studies of the different kinds of research platforms.
- Discuss the requirement for European research infrastructure to enable next generation research.

To register:

<https://www.northwyke.bbsrc.ac.uk>





Agenda of the Anae Final meeting

TUESDAY 24TH NOVEMBER

Session 1 **CHAIR, ABAD CHABBI**

- 11:00** **INTRODUCTION TO ANAE**
Gilles LEMAIRE (INRA,FR)
- 11:15** **SIMULATING EFFECTS OF CLIMATE CHANGE ON PLANT COMMUNITIES IN THE ARCTIC**
Terry CALLAGHAN (Royal Swedish Academy of Sciences, Sweden)
- 11:45** **COFFEE BREAK**
- 12:15** **INTEGRATING BIODIVERSITY AND ECOSYSTEM FUNCTION RESEARCH WITH GLOBAL CHANGE BIOLOGY**
Pete MANNING (University of Newcastle, UK)
- 12:45** **TRADE-OFFS BETWEEN CARBON SEQUESTRATION AND OTHER ECOSYSTEM SERVICES**
HENRY JANZEN (Agriculture and Agri-food Canada, CANADA)
- 13:15** **LUNCH**

Session 2 **Chair, Jacques ROY**

- 14:00** **HOW TO BUILD A FARM PLATFORM**
Les FIRBANK (North Wyke Research, UK)
- 14:30** **NEW TECHNOLOGIES FOR SOIL SYSTEM RESEARCH**
Ingrid KÖGEL-KNABER (Technical University Munich, GERMANY)
- 15:00** **UNDERSTANDING COMPLEX ECOSYSTEM PROCESSES USING ECOTRON EXPERIMENTS**
Regis FERRIERE (CEREEP, FR)
- 15:30** **ECOSYSTEM FUNCTION AND MULTIFACTOR INTERACTIONS: AN EXPERIMENTAL APPROACH**
Claus BEIER (Risø National Laboratory, DANEMARK)
- 16:00** **TEA**
- 16:30** **LAND USE CHANGE AND ECOSYSTEM FUNCTION: AN EXPERIMENTAL APPROACH**
Marcus FISHER (University of Bern, GERMANY)
- 17:00** **SIMULATING EFFECTS OF CLIMATE CHANGE IN TEMPERATE GRASSLANDS**
Philip GRIME (University of Sheffield, UK)
- 17:30** **WINE AND CHEESE RECEPTION**
- 20:00** **CONFERENCE DINNER**

WEDNESDAY 25TH NOVEMBER

Session 3 **CHAIR, JENNIE DUNGAIT**

- 9:00** **FEEDBACK FROM WORKING GROUPS: *IN SITU***
Abad CHABBI (INRA, FR)
- 9:15** **FEEDBACK FROM WORKING GROUPS: *IN VITRO***
Jacques ROY (CNRS, FR)
- 9:30** **FEEDBACK FROM WORKING GROUPS: *IN ANALYTICA***
Alessandro PICOLLO (University of Naples, ITALY)
- 9:45** **FEEDBACK FROM WORKING GROUPS: *IN SILICA***
Les FIRBANK (North Wyke Research, UK)
- 10:00** **PROGRESS ON INTEGRATION WITH OTHER EUROPEAN RESEARCH PLATFORMS**
Wouter Los, Lifewatch
- 10:30** **COFFEE BREAK**
- 11:00** **PANEL DISCUSSION**
- 11:30** **AFTER ANAE**
Abad CHABBI (INRA, FR)
- 11:45** **CLOSING REMARKS**
Steve ALBON (The Macaulay Land Use Research Institute, UK)
- 12:00** **LUNCH**
- 12:45** **FIELD TRIP TO DARTMOOR DEPARTS**
- 13:00** **FIELD TRIP TO NORTH WYKE DEPARTS**
- 17:00** **ARRIVE EXETER**



Venue

Sandy Park Conference Centre, Exeter, Devon,
ENGLAND

<http://www.sandy-park.co.uk/>



Travel

Exeter Airport

<http://www.exeter-airport.co.uk/>

Exeter St David's Train Station

<http://www.nationalrail.co.uk/stations/exd.html>

Collections from public transport to the venue will be organised



Accommodation

Ashbury Golf Hotel, Okehampton, Devon
(ca. 30 miles from Exeter)

<http://www.manorhousehotel.co.uk/hotel-ashbury.asp>



Organisers

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