

Predicting the impact of change on agro-ecosystems

- a one day meeting organised by the Agricultural Ecology Special Interest Group
of the British Ecological Society



Tuesday 5th October 2010
Rothamsted Research, Harpenden UK



The post war intensification of agriculture largely occurred with little prior analysis of the impact on wildlife adapted to the farmed landscape. Farmland species and the ecosystem services they deliver will continue to be impacted by current and future changes in farming practices. This meeting will focus on methodologies that have the potential to assess the ecological impacts of a number of these changes in parallel and so equip policy makers with tools for trading-off alternative land use options or mitigating against negative effects. There will be a £15.50 registration fee.

Programme

10.30 Arrival, coffee and introduction

11.00 Prof. Guy Poppy, Head of School of Biological Sciences, University of Southampton, UK.

“Addressing food production and wider ecosystem services using environmental risk assessment and plant science”

11.40 Dr. Nathalie Colbach, Leader of UMR Biology and management of weeds, INRA Dijon, France.

“Modelling the effects of cropping systems and environment on weed dynamics using functional relationships: application to the design of sustainable systems”

12.20 Dr. David Bohan, Senior Researcher, Rothamsted Research, UK.

“Assessing ecological risks from laboratory effects studies”

13.00 Lunch

14.00 Dr. Alan Bond, Senior Lecturer in Environmental management, University of East Anglia.

“Ecological impact in perspective: examining the role of Sustainability Appraisal in land use management”

14.40 Dr. Simon Butler, Research Fellow, Centre for Agri-environmental Research, Reading, UK

“Resource requirements and risk: a trait-based assessment framework”

15.20 Speakers tbc

“Lessons learnt from the Farm Scale Evaluation of GMHT Crops”

16.00 Closing remarks and depart

If you would like to attend please complete and return (with a cheque for £15.50 made payable to 'Rothamsted Research') to:
Jonathan Storkey, Plant & Invertebrate Ecology, Rothamsted Research, Harpenden, Hertfordshire, AL5 2JQ

Name: _____ Affiliation: _____

Address: _____

e-mail: _____

Special dietary requirements: _____