



Joint SAC and SEPA Biennial Conference

**Agriculture and the Environment IX
Valuing Ecosystems: Policy, Economic
and Management Interactions**

3-4 April 2012, Edinburgh

LIST OF POSTER PRESENTATIONS

A case-study of a multifunctional and urban forest in Belgium: the 'Bois de Lauzelle'
O Baudry and M Davadan

A new typology of marine ecosystem services
C Baulcomb, A Boehnke-Henrichs, R Koss, S Hussain and D de Groot

Mapping ecosystem services at a county scale: including wildlife watching and nature experience in local decision making and strategic planning
C Bellamy and J Winn

Application of an ecosystems approach to river basin management planning in the Don and Rother Management Catchment
PA Bowker

The role of geodiversity in supporting the Scottish Biodiversity Strategy
PMC Bruneau and JE Gordon

Surface water protection by productive buffers: landscape impacts of improved agro-ecosystem service delivery
B Christen

Riparian margins: can they enhance pollinators in grasslands?
LJ Cole, DI McCracken, D Robertson and W Harrison

Reduced tillage on an organic farm: improving the efficiency of resource use and delivery of ecosystem services
O Crowley and TF Döring

Application of organic waste to land in Scotland – benefits, risks and reality?
AP Cundill, C Erber, KE Dobbie and JA Shepherd

Evidence based research to improve our prosperity and well being
L Dawson and C Bestwick

in association with:



Land Use Policy Group: the Common Agricultural Policy and ecosystem services

M de la Torre, R Blaney and P Pitkin

Legume based plant mixtures for delivery of multiple ecosystem services: an overview of benefits

TF Döring, J Storkey, JA Baddeley, O Crowley, SA Howlett, H McCalman, H Pearce, S Roderick and HE Jones

Legume based plant mixtures for delivery of ecosystem services: pollinators

RJ Brown, TF Döring, J Storkey, J Smith, HE Jones and SG Potts

Legume based plant mixtures for delivery of multiple ecosystem services: weed diversity and weed control

TF Döring, J Storkey, JA Baddeley, O Crowley, SA Howlett, H McCalman, H Pearce, S Roderick and HE Jones

Assessing ecosystem services vulnerability under different environmental and socio-economic conditions

C Guerra, MJ Metzger, J Alonso, C Paredes and J Honrado

The Scottish Wetland Inventory: a tool to help understand, improve and restore wetland ecosystem services in Scotland

LI Harris

Sustainably delivering multiple ecosystem services in a private sector commercial forest plantation

A Heald

Delivering ecosystem services in National Trust landscapes: developing a land capability process

K Hearn and R Thompson

A systems approach to ecosystem service valuation and delivery: meaning in complexity

AP Hejnowicz, DG Raffaelli, MA Rudd and PCL White

Ecosystem services and decision making: ecosystems services evaluation for Birmingham's green infrastructure

O Hölzinger, R Coles, M Christie and N Grayson

The legacy of intensive agriculture: implications for ecosystem service provision from agri-environment schemes

CA Horrocks, KV Heal, L Cardenas, J Dungait and B Harvie

Assessing the potential of adaptive co-management for ecosystems services delivery: the case of ecological networks in the Dee Valley, Scotland

LM Lozada-Ellison, A Gimona, D van der Horst and G Schwarz

The Rural Diffuse Pollution Plan for Scotland: maximising the potential for additional benefits

J MacDonald, J Bowes, S Field, M Aitken, S Arnott, A Johnstonova, R Badger, J Garritt, N Shah, T Nisbet and A Vinten

Supporting an ecosystem service approach at the local/catchment scale

CJA Macleod, J Martin-Ortega, D Jorda and A Vinten

Supporting an ecosystem service approach at the national scale

CJA Macleod

Payment for water ecosystem services in Latin America: a quantitative review

J Martin-Ortega, E Ojea and C Roux

Valuing ecosystem interactions for policy effectiveness

A McVittie

Management tools for delivering multiple benefits from rural land use

D Miller, W Towers and I Brown

Realising land's potential

D Miller, I Brown, D Donnelly, S Dunn, R Hough, K Matthews, L Sutherland and W Towers

Cultural ecosystem services of woodlands in Britain

J Morris and L O'Brien

Mitigation methods for reducing multiple environmental pollutants

JP Newell Price, D Harris, DR Chadwick, TH Misselbrook, SG Anthony, RD Gooday, MJ Taylor, JR Williams and BJ Chambers

Valuing the contribution of woodland to flood risk and other ecosystem services

T Nisbet, G Valatin, J Starling and S Marrington

The effectiveness of field wetlands in retaining pollutants from agricultural runoff: case studies from the UK

M Ockenden, C Deasy, J Quinton, N Favaretto, B Surridge and C Stoate

Managing conflicts and complementarities: securing ecosystem services from uplands into the future

MS Reed, K Hubacek, A Bonn, T Burt, J Holden, LC Stringer, N Beharry-Borg, S Buckmaster, D Chapman, P Chapman, GD Clay, S Cornell, AJ Dougill, A Evely, EDG Fraser, N Jin, B Irvine, M Kirkby, W Kunin, C Prell, CH Quinn, W Slee, S Stagl, M Termansen, S Thorp and F Worrall

Developing modern multifunctional agroforestry systems for sustainable intensification

J Smith, T Döring, BD Pearce and MS Wolfe

Using Bayesian belief networks for ecosystem services decision support

R Smith, J Dick and M Scott

Payments for Ecosystem Services: developing a Best Practice Guide

S Smith, P Rowcroft, H Rogers, T Quick, M Everard, L Couldrick and M Reed

Reconciling food production and bird conservation: two case studies to inform future policy

C Stoate, RB Bradbury and AJ Morris

The ecology of hemp production relative to alternative break crops

C Stoate, J Szczur and J Partridge

Going local: community visualisation of ecosystem services

CCD Tingle, AP Bartlett and D Williams

Integrating trees into farming systems

MJ Townsend OBE

Assessment and evaluation of surface soil erosion under an agricultural soil ecosystem in the Sudan Savannah

S Usman

Characteristics of the surface soil ecosystem: linkage to understanding soil dynamic functions

S Usman, PJ Burt, SS Noma and B Usman

WFD and the disproportionality principle: a national scale assessment for diffuse pollution mitigation in Scottish lochs

AJA Vinten, J Martin-Ortega, K Glenk, P Booth, BB Balana, M MacLeod, M Lago, D Moran and M Jones

Ecosystem services delivered by SUDS

R Wade, R Jose and L Lundy

A multidisciplinary critique of the ecosystem services-based cost-benefit analysis for environmental policy evaluation

G Wegner and U Pascual

Improving manure nitrogen management: benefits to ecosystem services

JR Williams, BJ Chambers, FA Nicholson, RE Thorman, D Harris and DR Chadwick

Analysis of Scottish Rural Development Policy: stakeholders influence of uptake

AL Yang, MDA Rounsevell, C Haggett and R Wilson