

PUBLICATIONS, CONTRIBUTIONS TO CONFERENCES AND CONSULTANCY REPORTS: JANUARY 2012 - DECEMBER 2012

1 REFEREED JOURNALS

Azo, W.M., Lane, G.P.F., **Davies, W.P.D. & Cannon, N.D.** (2012). Bi-cropping white lupins (*Lupinus albus* L.) with cereals for wholecrop forage in UK organic farming: the effect of seed rate and harvest dates on crop yield and quality. *Biological Agriculture and Horticulture* **28**(2), 86-100.

Azo, W.M., Lane, G.P.F., **Davies, W.P. and Cannon, N.D.** (2012). Predicting dry matter and crude protein yields of lupin and cereal mono- and bi-crops using a computer model. *Biological Agriculture and Horticulture*. **27**, 3-4, 278-293.

Conway, J.S. and Mabvuto-Ngwira, P. (2012). 'Geotourism opportunities for sustainable development and poverty alleviation in developing countries,: The potential of Victoria Falls as a Geopark'. Proceedings of the *10th European Geoparks Conference 'Sustainability Through Knowledge Communicating Geoparks'*. Rangnes, K [ed]. P123-130. Langesund, Norway.

Conway, J.S. and Wood, M. (2012). 'The legacy of mining - archaeological, environmental and social impact - at Parys Mountain, Anglesey'. Proceedings of the *10th European Geoparks Conference 'Sustainability Through Knowledge Communicating Geoparks'*. Rangnes, K [ed]. P86-92..

Curry, N. and **Fisher, R** (2012) The Role of Trust in the Development of Connectivities Amongst Rural Elders in England and Wales, *Journal of Rural Studies*. DOI: 10.1016

Enticott, G., Maye, D., Ilbery, I., **Fisher, R.** and Kirwan, J. (2012) Farmers' Confidence in Vaccination against Bovine Tuberculosis. *Veterinary Record*. DOI: 10.1136/vr.100079

Fisher, R. Maye, D., Ilbery, B., Enticott, G. and Kirwan, J. (2012) The spatial distribution of bovine tuberculosis in England. *Geography*. **97** (2), 68-77

Garg, A and **Rajah K.K.** (2012), "Management Education for Engineers: Research issues in the context of South Africa", *IEEE Engineering Management Review*, Volume 40 No. 2.

Hemmings, A.J. (2012) The Genetic Basis of Unwanted Behaviour: a glimpse into the future of genetic screening. *Equine Health*. **1** [7] 20-21

Manning L., (2012), "Environmental Footprint a restraint on animal welfare?", Proceedings of the UFAW International Symposium. Historic Dockyards, Portsmouth, UK 2011 *Animal Welfare*, Vol. 21, Supplement 1, (May 2012)

- Murray, J.M.D., Dunnett, C., **Moore-Colyer, M.J.S** and Longland, A.C. (2012) In vitro assessment of three fibrolytic enzyme preparations as potential feed additives in equine diets. *Animal Feed Science and Technology*, 171. 192-204 DOI: 10.1016/j.anifeedsci.2011.10.006
- Ngwira M., **Parsa A.**, Menase D. (2012) Effectiveness of Property Asset Management in Scottish Councils. *Journal of Corporate Real Estate* vol.14, No 2. Pp105-120
- Schroeder, R.; **Aguiar, L.K.** and **Baines, R.** (2012) Carbon Footprint in Meat Production and Supply Chains. *Journal of Food Science and Engineering*. Vol. 2 (11): 652-665. (ISS: 2159-5828).
- Soon, J.M., **Manning, L., Davies, W.P., Baines, R.** (2012) "Fresh Produce-Associated Outbreaks: A Call for HACCP on Farms?", *British Food Journal* Vol. 114, No. 4, pp. 553- 597
- Soon, J.M., **Davies, W.P., Chadd, S.A. and Baines, R.N.** (2012). A Delphi-based approach to developing and validating a farm food safety risk assessment tool by experts. *Expert Systems with Applications*. Volume 39, Issue 9, July 2012, Pages 8325–8336.
- Soon, J. M. and **Baines, R. N.** (2012). Public and private food safety standards: Facilitating or frustrating fresh produce growers. *Laws* 2012 (in press) www.mdpi.com/journal/laws/
- Soon, J. M. and **Baines, R. N.** (2012). Aquaculture farm food safety and diseases risk assessment (AquaFRAM): Development of a spreadsheet tool for salmon farms. *Aquacultural Engineering* 49: 35-45
- Soon, J. M., **Baines, R. N.** and Seaman, P. (2012). Meta-analysis of food safety training on hand hygiene knowledge and attitudes among food handlers. *Journal of Food Protection* 75(4): 793-804.
- Soon, J. M. and **Baines, R. N.** (2012). Food safety training and evaluation of handwashing intention among fresh produce farm workers. *Food Control* 23: 437-448
- Turner, C., Knobloch, H., Richards, J., Richards, P., **Mottram, T.T.**, Marlin, D., and Chambers, M.A. (2012) Development of a device for sampling cattle breath *Biosystems Engineering* Vol. 112 No. 2 pp. 75-81

2 BOOKS AND BOOK CHAPTERS

Hale C.E., Warren H. and **Hemmings A.J.** (2012). The fermentation of hay and starch when incubated in vitro with faecal inocula from either normal healthy horses or horses with a history of laminitis. EWEN. Wageningen Academic Publishers.

Manning L. (2012), IFST Guide to Good Manufacturing Practice; Editor of 6th Edition. Publication Date 2013 (ISBN 10) 111831820X / (ISBN-13) 9781118318201

Moore-Colyer, M.J.S. (2012) Foundations of Equine Performance. International Equine Institute, University of Limerick, Ireland.

3 CONFERENCE CONTRIBUTIONS

Aguiar, L.K.; Caleman, S. Q., and **Manning, L.** (2012) Sustainability: who is driving it? In Conference proceedings of the International Wageningen Chain and Network Management Conference. Ede-Wageningen. Holland. May.

Axe M, **Grange I, Baines RN, Conway, JS** (2012) Annual production and destination of shoots from a flailed hedge. International Symposium on Hedgerows: Hedgerow Futures, Staffordshire University, 3-5 September 2012.

Axe M, **Grange I, Baines RN, Conway, JS** (2012) Carbon sequestration by an agricultural hedgerows – methods and rationale. International Symposium on Hedgerows: Hedgerow Futures, Staffordshire University, 3-5 September 2012.

Axe M, **Grange I, Baines RN, Conway, JS** (2012) Carbon Sequestration by Agricultural Hedgerows. British Society for Soil Science Conference, 4 Sept 2012

Baines, R.N. and Soon J.M. (2012) Private Food Safety and Quality Standards – Facilitating or Frustrating Fresh produce Growers. *IV International Symposium on Improving the performance of Supply Chains in the Transitional Economies; 1st – 4th July 2012, Cebu, Philippines.*

Burbi S, **Baines RN, Conway, JS, (2012)** Sustainable Communities - The case of farmers in the South West region. CREST Young Researchers meeting Sept 2012

Conway, JS. 2012 “North Wales Soil Trails – Soils RIGS in action.” Invited talk at “Soils, Geodiversity and Soils Educational site networks” SW England Soils Discussion Group meeting, Rothamsted Research, North Wyke 20th March.

Conway, JS. 2012 “Soils in public view... what do we want them to see?” invited talk at Welsh Soils Discussion Group, IBERS, Nov 2012

Davies, W.P. (2012). Developing University Partnerships for International Co-operation: Lessons from a Successful UK-China Collaboration. Presentation at

the China Annual Conference for International Education 2012 (CACIE 2012), October 19 to 21 2012, Beijing, PR China

Davies, W.P., Baines R.N and P.J. Batt (2012) Sustainable Development of Supply Chains through Public-Private- Partnerships: Evaluating University Project Contributions. (2012) *IV International Symposium on Improving the performance of Supply Chains in the Transitional Economies; 1st – 4th July 2012, Cebu, Philippines.*

Fisher, R. (2012) The role of social capital in increasing farmers' response capacity: the case of bovine tuberculosis. RGS-IBG Conference, Edinburgh, June 2012

Hemmings, A. (2012) Equine Behavioural Neuroscience: research goals for the next decade and beyond. Invited Plenary Address, International Society for Equitation Science, Annual Conference, Royal DICK Veterinary School, Edinburgh

Hemmings, A. (2012) Potential contribution of the DRD1 locus to equine oral stereotypy development. Alltech Equine Symposium, Hartpury College, Gloucestershire

Hemmings, A and Hendry, L. (2012) Brain function in relation to health welfare and performance. Horses Inside Out Annual Conference, Royal Agricultural College, Cirencester

Longland, A.C., Ince, J.C., **Moore-Colyer, M.J.S.** and Harris, P.A. (2012) Degradation of grass and grass fructan by equine gastrointestinal digesta in vitro. In: Forages and grazing in horse nutrition. EAAP publication No. 132. Ed. M.Saastamoinen, M.J. Fradinho, A.S. Santos and N. Miraglia. Pp 107-109.

Manning L. (2012), "Water Challenges in the UK", CLA Big Breakfast, Three Counties Show, June 2012

Manning L. (2012), "Auditing is not Inspection", Risk Management and the role of the Auditor, IFST Conference, Eastwood Park Conference Centre Falfield, Wotton-under-Edge, Gloucestershire GL12 8DA, 11th October 2012.

Moore-Colyer and Payne, V. (2012) Palatability and ingestion behaviour of 6 polo ponies offered a choice of dry, soaked and steamed hay for 1 hour on three separate occasions. Proceedings of the British Society of Animal Science. Nottingham UK, April 2012.

Moore-Colyer, M.J.S. and Fillery, B.G. (2012) The effect of three different treatments on the respirable particle content, total viable count and mould concentrations in hay for horses. In: Forages and grazing in horse nutrition. EAAP publication No. 132. Ed. M.Saastamoinen, M.J. Fradinho, A.S. Santos and N. Miraglia. Pp 101-107

Morris, D. P. (2012) Impacts of 2012 Olympics Equestrian Events of the touristic development of Cirencester (Gloucestershire) Impacts des épreuves équestres des Jeux Olympiques de 2012 sur le développement touristique de Cirencester (Gloucestershire) Equi-meeting Tourisme Ecole Nationale d'Equitation Saumur France May 2012

Munyeche, N., **Baines R.N.** and Todeschini L. (2012) Improving Smallholder Farmers Participation in the Pyrethrum Industry in Tanzania: Lessons from Ludewa District *IV International Symposium on Improving the performance of Supply Chains in the Transitional Economies; 1st – 4th July 2012, Cebu, Philippines*

Parkes, S (2012) 'Energy Performance Certificates (EPCs) & Display Energy Certificates (DECs)'. Proceedings of The Royal Institute of Chartered Surveyors National Rural Conference 21 June 2012.

Soon, J. M. and **Baines R. N.** (2012) Farm food safety risk assessment (FRAMP) tool: Development and testing on fresh produce farms. Presented at 8th IAFP European Symposium on Food Safety, Warsaw, Poland, 21st – 23rd May 2012.

Soon, J. M. and **Baines R. N.** (2012) HACCP for Space Flight or Cucumber Production? A Delphi Study of On-Farm HACCP and Food Safety Hazard Assessments. Poster 16. Presented at 8th IAFP European Symposium on Food Safety, Warsaw, Poland, 21st – 23rd May 2012.

Soon J. M. and **Baines R. N.** (2012) Systematic Review and Meta-Analysis of Food Safety Training on Hand Hygiene Knowledge and Attitudes among Food Handlers. Poster 17. Presented at 8th IAFP European Symposium on Food Safety, Warsaw, Poland, 21st – 23rd May 2012.

Soon, J. M., Pavez Schulbach, B. and **Baines, R. N.** (2012) Hatchery to harvesting – Farm food safety and biosecurity practices: Case study of a Chilean salmon farm. Session 3, poster 25. Presented at 8th IAFP European Symposium on Food Safety, Warsaw, Poland, 21st – 23rd May 2012.

Swindell. J Associated Schools of Construction International Conference 2012 Moving from campus learning to distance learning: will the virtual campus become the only campus? ASC/CHOBE, Birmingham, UK

Swindell. J. Online Educa Berlin 2012 conference presentation Why are we so obsessed with the technological detection of plagiarism? ICWE Berlin (pending, due Dec 2012) Will be published as: **Swindell J.** (in press 2012) Why are we so obsessed with the technological detection of plagiarism? in proceedings of Online Educa Berlin 2012, ICWE Berlin (CD ROM)

Topolansky, F, Gonzalez Triay, M and Mortaz, M (2012). Agribusiness Challenges in Developing Countries. An Iranian Case Study. Proceedings of 5th EuroMed

Conference of the EuroMed Academy of Business “Building new business models for success through innovation, entrepreneurship, competitiveness and responsibility”, 4th - 5th October 2012, Glion-Montreux, Switzerland.

Wood, M & **Conway JS.** (2012) Cultural and archaeological heritage of the Parys copper mine, Anglesey. p303-4 Proceedings of 11th European Geopark Conference 'smart inclusive sustainable growth, Arouca, Portugal 19-21st Sept (ed) Artur Sa , Daniela Rocha, Alexandra Paz & Vania Correia

Wood, M & **Conway JS.** (2012) Developing an integrated geo-cultural trail 301-2 in Proceedings of 11th European Geopark Conference 'Smart inclusive sustainable growth, Arouca, Portugal 19-21st Sept (ed) Artur Sa , Daniela Rocha, Alexandra Paz & Vania Correia

4 OTHER PUBLICATIONS

Conway, J.S. and Wood, M. (2012). “*Geotrail around Porth Amlwch / Llwybr deaaregol o Porth Amlwch.*”. *Swm y Mor*. Issue 12 p12-13.

Conway, J.S. and Wood, M. (2012). “*Geotrail around Parys Mountain / Llwybr deaaregol o amgylch Mynydd Parys*”. *Swm y Mor*. Issue 13 p12-13.

Conway J & Wood M.(2012) World's largest copper mine supports new Geopark project. *European Geopark Magazine* Issue 9

Cowap CD, Heuf M, Gladwin N, King G, **Lewis DB**, Warnett M, Paul R, Fane P, Eyles R, Mathieson S, Wallis A, Lumby G, Robertson A, Reynolds A and Mannix F ((2012). Valuation of Renewable Energy Projects. RICS Guidance Note. RICS.

Foot, K. (2012) Closer to the Community: Localism & Neighbourhood Planning; The Impacts for Rural Land Management. *RICS Land Journal*. September/October: 16-17

Manning L. 2012 The role of social media in risk communication during a food product recall [Download Working paper No 1 Social media](#)

Manning L.2012 Virtual water content and poultry meat production [Download Working paper No 2 VWC and poultry meat production](#)

Moore-Colyer, M.J.S. Prevention of and long term solutions for respiratory problems. *Equine Health* Sept /Oct 2012

Moore-Colyer, M.J.S Winter Forages – The dilemma of feeding your horse this winter. *Equine Health*. Nov / Dec 2012.

Moore-Colyer, M.J.S Be ahead of the opposition. Pointer 2012

Parkes, S (2012) A decade of change: The 10 years from 2008 to 2018 will be a period of profound transformation of the regulations relating to energy efficiency and the impact they have on properties. RICS Land Journal, Nov-Dec 2012. P10-11. RICS Publication.

5 RESEARCH REPORTS

Jones Laurence, Lisa Norton, Jasper Kenter, Chris Short, Carol Morris, David Howard, Jonathan Storkey, Carly Stevens, Alison Browne, Deanna Donovan, Gavin Siriwardena, Julian Harlow, David Robinson, **Will Manley**, Zbigniew Grabowski, Graham Willis and Zoe Austin. (2012) Scale dependence of stocks and flows in the valuation of ecosystem services. Valuing Nature Network, NERC. Report 15 Nov 2012

Maye, Damian Gareth Enticott, Rhiannon Fisher, Brian Ilbery, James Kirwan, Ruth Blackwell, **Will Manley**, Andy Mitchell and Iain Trewby. (2012) Social science study to accompany the Badger Vaccine Deployment Programme Phase 4: Vet interview analysis. Interim Report

Maye, Damian Gareth Enticott, **Rhiannon Fisher**, Brian Ilbery, James Kirwan, Ruth Blackwell, **Will Manley**, Andy Mitchell and Iain Trewby. (2012) Social science study to accompany the Badger Vaccine Deployment Programme Phase 4: Vet interview analysis. Interim Report

Mills, J., **Gaskell, P.**, Short, C., **Manley, W.**, Kambites, C., Lewis, N., Clark, M & Boatman, N. (2012) Attitudes to Uplands Entry Level Stewardship. Natural England Commissioned Report
NECR091 <http://publications.naturalengland.org.uk/publication/212041>

Moyo, H. and **Davies, W.P.** An Interim Report on fertility-building crop trials at Moreton-in-Marsh 2011-2012. Research Report for the *John Oldacre Foundation*.

Vijaya Bhaskar, A.V., **Cannon, N., Davies, W.P. and Conway, J.S.** (2012). Influences of cultivation techniques and undersown legumes on organic wheat establishment and performance. Interim Report to the John Oldacre Foundation of field studies at RAC Harnhill Manor Farm. December 2012.

6 CONSULTANCY PROJECT REPORTS

Baines R., Bernet M., **Finch H.J.S.**, Kidd C. and Patrick J. (2012). Sierra Leone Commercial Rice Project. BDC.

Bullock J.M., Chapman D., Schafer S., Roy D. and Girardello M. [NERC Centre for Ecology & Hydrology, Wallingford, UK], Haynes T., Beal S. and Wheeler B. [NatureBureau, Newbury, UK], Dickie I., Phang Z. and Tinch R. [Economics for the environment consultancy, London, UK.], Čivić K., Delbaere B, Jones - Walters L., Hilbert A. and Schrauwen A. [European Centre for Nature Conservation, Tilburg, Netherlands], Prank M., Sofiev M., Niemelä S. and Räisänen P. [Finnish Meteorological Institute, Helsinki, Finland], Lees B. and Skinner M. [Allergy Therapeutics, Worthing, UK], **Brough C.W. and Finch H.J.S.** [Royal Agricultural College] (2012). Assessing and controlling the spread and the effects of common ragweed in Europe. NERC.

Finch H.J.S, Jones J., Kidd C. and **Lewis D.** (2012). Poland Farm Project. BDC.

Finch H.J.S and Munyeche N. (2012) Agricultural Practice in Ludewa District, Tanzania. BDC

Lewis D and Hyder Consulting (2012). Environmental Impact Assessment for Dyfnant Forest, Wales.

7 EXTERNAL TALKS

Lewis, D. Trees for Farms – Why what where? Conference funded and organised by the Woodland Trust.

Manning L. 2012 LEAF Sustainable Drainage Day – 28th March 2012

Manning L. 2012 LEAF Day – Loddington – 26th June 2012

Manning L. 2012 Hereford Botanical Society 11th August 2012

Manning L. 2012 Wye Valley Water Group 29th November 2012

Martin, D. Talk at RICS National Rural Conference on 21 June 2012 on (current status of) RICS/RAC Rural Land Market Survey and RICS/RAC Farmland Market Directory of Land Prices.

Moore-Colyer, M.J.S. (2012) The nutritive value of fibre for racehorses. Irish Thoroughbred Breeders Expo. Leopardstown, Dublin, Ireland.

Moore-Colyer, M.J.S. (2012) The benefits of quality fibre for racehorses. Irish Thoroughbred Breeders Expo. Leopardstown, Dublin, Ireland.

Moore-Colyer, M.J.S. (2012) Causes and Prevention of Recurrent Airway Disorder in Stabled Horses. Nottingham Veterinary School. April 2012.

Moore-Colyer, M.J.S 2012. Research up-date on feeding fibre. Gastrointestinal anatomy and Physiology. Royal Agricultural College June 2012.

Moore-Colyer, M.J.S. (2012) Causes and Prevention of Recurrent Airway Disorder in Stabled Horses. Royal Dick School of Veterinary Sciences, Edinburgh University, Scotland. Oct 2012.