



**PUBLICATIONS,
CONTRIBUTIONS TO CONFERENCES
AND CONSULTANCY REPORTS**

JANUARY - DECEMBER 2015

Summary

The report reviews published research, consultancy reports; related conference outputs, and external talks from students and staff of the Royal Agricultural University in 2015.

Contributions are again dominated by staff from the School of Agriculture, Food and Environment with research projects involving PhD students; extremely pleasing to note a peer reviewed journal paper by undergraduate student Daisy Irons (third year student on the BSc (Hons) Agriculture degree programme), for research carried out during her sandwich placement at Rothamsted.

It has also been helpful having postdoctoral researchers working at RAU and contributing to research papers and publications, namely Dr Rosmiza Mohd Zainol (- seconded from Universiti Kebangsaan Malaysia (UKM), Malaysia); Dr Negin Minaei (- from Islamic Azad University (IAU), Iran), and Dr Karen Rial-Lovera (continuing at RAU currently following her PhD studies).

There is growing research and consultancy in the School of Real Estate and Land Management. The School of Equine Science and Management has continued the excellent start made last year by recruiting 2 new MSc by Research postgraduates and 2 new PhD students.

Compared to last year, a similar number of papers in refereed journals were published in 2015 (at 30 / 2014:27) – 14 from SAFE colleagues; 11 from RELM; 3 from SEMS, and 2 from SBE. The book contributions were published by Rita Walsh in SBE; Professor Meriel Moore-Colyer in SEMS, and Professor Sarah Sayce and Will Manley in RELM.

Dr J.S. Conway, Director of Research

Professor W. Paul Davies, Chair of RAU Research Committee

9 February 2016

PUBLICATIONS, CONTRIBUTIONS TO CONFERENCES AND CONSULTANCY
REPORTS: JANUARY - DECEMBER 2015

INDEX

	Page
1. PEER REVIEWED JOURNALS	4
2. BOOKS AND BOOK CHAPTERS	7
3. RESEARCH REPORTS	8
4. CONSULTANCY PROJECT REPORTS	8
5. CONFERENCE TALKS	10
6. OTHER PUBLICATIONS	12
7. EXTERNAL TALKS	13

APPENDICES

1.	1.1	Current PhD Research Degree Projects	15
	1.2	Current MSc by Research Degree Projects	17
	1.3	Recent PhD submissions	17
	1.4	PhD Research Degree awarded by Coventry	18
	1.5	MSc by Research Degree awarded by Coventry	18
2.		History of Contributions	19
3.		Staff Contributions by School	20

PUBLICATIONS, CONTRIBUTIONS TO CONFERENCES AND CONSULTANCY REPORTS: JANUARY 2015 - DECEMBER 2015

1. Peer Reviewed Journals

- Beniston, J.W., Shipitalo, M., Lal, R., Dayton, E.A., **Hopkins, D.W.**, Jones, F., Joynes, A. and **Dungait, J.A.J.** (2015). Carbon and macronutrient losses during accelerated erosion under different tillage and residue management. *European Journal of Soil Science*, **66**, 218-225. [doi:10.1111/ejss.12205](https://doi.org/10.1111/ejss.12205)
- Chang, X.** (2015). *Lycoris*, the Basis of the Galanthamine Industry in China. *Journal of Agriculture and Allied Science*, **4** (3), 1-8.
- Enticott, G., Maye, D., Carmony, P., **Naylor, R.**, Ward, K., Hinchcliffe, S., Wint, W., Alexander, N., Elgin, R., Ashton, A., Upton, P., Nicholson, R., Goodchild, T., Brynton, L., and Broughan, J. (2015). Farming on the edge: farmer attitudes to bovine tuberculosis in newly endemic areas. *Veterinary Record*. [doi: 10.1136/vr.103187](https://doi.org/10.1136/vr.103187)
- Feber, R., Johnson, P. J., Bell, J., Chamberlain, D., Firbank, L., Fuller, R., **Manley, W.**, Mathews, F., Norton, L., Townsend, M. and Macdonald, D. (2015). Organic Farming: Biodiversity Impacts Can Depend on Dispersal Characteristics and Landscape Context. *Plos one*, 26 August 2015. [doi:10.1371/journal.pone.0135921](https://doi.org/10.1371/journal.pone.0135921)
- Fu, W., **Turner, J.C.**, Zhao, J. and Du, G. (2015). Ecological footprint (EF): An expanded role in calculating resource productivity (RP) using China and the G20 member countries as examples. *Ecological Indicators*, **48**, 464-471. [doi:10.1016/j.ecolind.2014.09.023](https://doi.org/10.1016/j.ecolind.2014.09.023)
- Hall, S. and **Hopkins, D.W.** (2015). Microbial biomass and respiration of soil, peat and decomposing plant litter in a raised mire. *Plant, Soil & Environment*, **61**, 405-409. [doi:10.17221/311/2015-PSE](https://doi.org/10.17221/311/2015-PSE)
- Huston, S.** and **Jadevicius, A.** (2015). Capitalisation: reflections and practice for project appraisal. *International Journal Series in Multidisciplinary Research*, **1** (2). <http://www.ijseries.com/index.php/IJSMR/article/view/10>
- Huston, S.**, **Jadevicius, A.** and **Minaei, N.** (2015). Talent and private rented sector bottlenecks: a preliminary regional investigation. *Property Management*, **33** (3): 287 – 302. <http://www.emeraldinsight.com/doi/pdfplus/10.1108/PM-09-2014-0039>

- Huston, S.**, Rahimzad, R. and **Parsa, A.** (2015). Smart sustainable urban regeneration: framework, partnerships and funding models. *Cities*, **48**, November, 66–75. doi: 10.1016/j.cities.2015.05.005
<http://www.sciencedirect.com/science/article/pii/S0264275115000645>
- Huston, S.**, Wadley, D. and Fitzpatrick, R. (2015). Urban bohemianism: a structured literature review and compte rendu. *Space and Culture*, **18** (3): 311-323.
[doi 10.1080/09640568.2015.1035776](https://doi.org/10.1080/09640568.2015.1035776)
- Jaddevicius, A.** and **Huston, S.** (2015). Property market modelling and forecasting - simple vs. complex models. *Journal of Property Investment and Finance*, **33** (4). <http://dx.doi.org/10.1108/JPIF-08-2014-0053>
- Jaddevicius, A.** and **Huston, S.** (2015). ARIMA modelling of Lithuanian house price index. *International Journal of Housing Markets and Analysis*, **8** (1) 1, 135-147. <http://www.emeraldinsight.com/doi/abs/10.1108/IJHMA-04-2014-0010>
- Lauducina, V.A., Sun, B., Dennis, P.G., Badalucco, L., Rushton, S.P., Newsham, K.K., O'Donnell, A.G., Hartley, I.P. and **Hopkins, D.W.** (2015). Responses to increases in temperature of heterotrophic microorganisms in soils from the maritime Antarctic. *Polar Biology*, **38**, 1153-1160.
[doi:10.1007/s00300-015-1673-4](https://doi.org/10.1007/s00300-015-1673-4)
- Manning, L.** (2015). Categorizing food related illness: have we got it right? *Critical Reviews in Food Science and Nutrition*.
[doi:10.1080/10408398.2015.1038776](https://doi.org/10.1080/10408398.2015.1038776)
- Manning, L.** and Smith, R. (2015). Providing authentic(ated) food: An opportunity driven framework for small food companies to engage consumers and guarantee the integrity of the food supply chain. *International Journal of Entrepreneurship and Innovation*, **16** (2), 97-110.
<http://dx.doi.org/10.5367/ije.2015.0180>
- Manning, L.** (2015). Determining value in the food supply chain. *British Food Journal*, **117** (11), 2649–2663. <http://dx.doi.org/10.1108/BFJ-02-2015-0049>
- Moore-Colyer, M.J.S.**, Taylor, J. and James, R. (2015). The effect of steaming and soaking on the respirable particle, bacteria, mould and nutrient content in hay for horses. *Journal of Equine Veterinary Science*, August.
[doi:10.1016/j.jevs.2015.09.006](https://doi.org/10.1016/j.jevs.2015.09.006)
- Moore-Colyer, M.J.S.**, **Hemmings, A.** and Hewer, N. (2015). A preliminary investigation into the effect of *ad libitum* or restricted hay with or without Horslyx on the intake and switching behaviour of normal and crib-biting horses. *Livestock Science*. July.
<http://dx.doc.org/10.1016/j.lisci.2015.07.021>
- Mottram, T.T.F.** (2015). Animal board invited review: precision livestock farming for dairy cows with a focus on oestrus detection. *Animal* November. 1,1-10.
[doi:10.1017/S1751731115002517](https://doi.org/10.1017/S1751731115002517)

- Moyo, H., Davies, W.P., Cannon, N.D. and Conway, J.S.** (2015). Influences of one-year red clover ley management on subsequent cereal crops *Biological Agriculture and Horticulture*, **31** (3), 193-204.
[doi:10.1080/01448765.2014.1001792](https://doi.org/10.1080/01448765.2014.1001792)
- Moyo, H., Davies, W.P., Cannon, N.D. and Conway, J.S.** (2015). Influences of two-year red clover-grass ley management on nitrogen economy and following wheat performance. *Biological Agriculture and Horticulture*, (online 19 August). [doi:10.1080/01448765.2015.1057865](https://doi.org/10.1080/01448765.2015.1057865)
- Naylor, R., Manley, W., Maye, D., Enticott, G., Ilbery, B. and Hamilton-Webb, A.** (2015). The Framing of Public Knowledge Controversies in the Media: A Comparative Analysis of the Portrayal of Badger Vaccination in the English National, Regional and Farming Press. *Sociologia Ruralis*, 20 September.
[doi: 10.1111/soru.12105](https://doi.org/10.1111/soru.12105)
- Newsham, K.K., **Hopkins, D.W.**, Carvalhais, L.C., Fretwell, P.T., Rushton, S.P., O'Donnell, S.P. and Dennis, P.G. (2015). Relationship between soil fungal diversity and temperature in the maritime Antarctic. *Nature Climate Change*, on-line 28 September. [doi:10.1038/nclimate2806](https://doi.org/10.1038/nclimate2806).
- Roberts, K., Hemmings, A., Moore-Colyer, M.** and Hale, C. (2015). Cognitive differences in horses performing locomotor versus oral stereotypic behaviour, *Applied Animal Behaviour Science*, **168**, 37-44.
<http://dx.doi.org/10.1016/j.applanim.2015.04.015>
- Rosmiza, M.Z., Davies, W.P.**, Rosniza-Aznie, C.R., Jabil, M.J., Mazdi, M., Wan Toren, W.J. and Che Rosmawati, C.M. (2015). Stagnation of rice straw agribusiness development in Malaysia: The entrepreneurs perspectives. *Mediterranean Journal of Social Sciences*, **6** (4), 523-530.
[doi:10.5901/mjss.2015.v6n4p523](https://doi.org/10.5901/mjss.2015.v6n4p523)
- Rosmiza, M.Z., Davies, W.P.**, Rosniza-Aznie, C.R., Jabil, M.J., Mazdi, M., Wan Toren, W.J. and Che Rosmawati, C.M. (2015). Developing more green agribusiness: The case for exploiting Malaysia's under-utilised rice straw. *Mediterranean Journal of Social Sciences*, **6** (3), 532-540.
[doi:10.5901/mjss.2015.v6n3s2p532](https://doi.org/10.5901/mjss.2015.v6n3s2p532)
- Stroud, J., **Irons, D.**, Watts, C. and Whitmore, A. (2015). *Lumbricus terrestris* abundance is not enhanced after three years of compost amendments on a reduced tillage wheat cultivation conversion. *Applied Soil Ecology*.
[doi:10.1016/j.apsoil.2015.10.007](https://doi.org/10.1016/j.apsoil.2015.10.007)
- Tavri, P., **Sayce, S.** and Hands, V. (2015). Organisational Behaviour Change Towards Waste Reuse In The UK Third Sector. *International Journal of Computational Methods and Experimental Measurements*. **3** (4), 291-304.
- Turley, M and **Sayce, S.** (2015). Energy performance certificates in the context of sustainability and the impact on valuations. *Journal of Property Investment and Finance*. **33** (5), 446-455.

Zhang, C.Y., Topolansky, F., and Baird, T. (2015). Competitiveness in a saturated market. A case study of the Scottish craft beer industry. *International Journal of Business and Social Science*, **6** (8), 28-46.
<http://www.ijbssnet.com/journal/index/2710>

2. Books and Book chapters

Crossman, G.K. and **Walsh, R.E.** (2015). *The relationship between the government and the horse industry: a comparison of England, Sweden and the Netherlands*. In C. Vial and R. Evans (eds.). *The new equine economy in the 21st century*. Wageningen Academic Publishers. EAAP 136, 145-156. [online 17 December]. doi 10.3920/978-90-8686-824-7_13.

Feber, R., Johnson, P., Tattersall, F., **Manley, W.** Hart, B., Smith, H. and Macdonald, D. (2015). *How can field margin management contribute to invertebrate biodiversity?* In D.W. Macdonald and R.E. Feber (eds.). *Wildlife Conservation on Farmland. Vol 1 Managing for Nature on Lowland Farms*. Oxford University Press. ISBN 978-01-9874-548-8. 43–64.

Feber, R., Johnson, P., Firbank, L., Norton, L. **Manley, W.**, Chamberlain, D., Fuller, R., Mathews, F. and Macdonald, D. (2015). *Does organic farming affect biodiversity?* In D.W. Macdonald and R.E. Feber (eds.). *Wildlife Conservation on Farmland. Vol 1 Managing for Nature on Lowland Farms*. Oxford University Press. ISBN 978-01-9874-548-8. 108–132.

Moore-Colyer, M.J.S. (2015). *Feeding for Performance*. In Williams, J., and Evans, D. (editors). *Training for Equestrian performance*. Wageningen Academic Publishers. ISBN 978-90-8686-258-0. 221-243.

Wilkinson, S., **Sayce, S.** and Christensen, P. (2015). *Developing Property Sustainably*. London. Routledge.

3. Research Reports

Chang, X. (2015). Assessment and Optimization of Microwave Assisted Extraction (MAE) of Galanthamine and other Alkaloids from Daffodils for the UK Pharmaceutical Industry. Final report to BBSRC.

Hamilton-Webb, A. and **Naylor, R.** (2015). Farm Level Risk Management - Lessons Learned. Report to Defra.

Kamalongo, D. (2015). Improving Sustainable Production of Home-grown forage for livestock: Evaluation of new field bean (*Vicia faba*) and spring wheat (*Triticum aestivum*) variety mixtures as bi-crop opportunities. Annual Report to The John Oldacre Foundation. September.

Maye, D., Enticott, G., **Naylor, R.**, Ilbery, B., Kirwan, J., Clark, M., **Manley, W.**, Trewby, I., Mitchell, A., Blackwell, R. (2015). Social science study to accompany the Badger Vaccine Deployment Project. Report to Defra.

McKenna, P. (2015). Optimising Red Clover (*Trifolium pratense*): Evaluation of varieties for soil fertility – building capacity under different cutting regime strategies. Annual Report to The John Oldacre Foundation. October.

Naylor, R., Hamilton-Webb, A., Little, R., Maye, D., **Edwards, E., Charles, J., Foy, R., Curzon, S.,** Reed, M., **Manning, L.** and **Hemmings, A.** (2015). Exotic Disease Compensation Review: Behaviours Project - Part 2 (Primary Research) SE4309. Report to Defra.

Naylor, R. and **Hamilton-Webb, A.** (2015). Enhanced Management of Persistent Breakdowns - Process Evaluation. Report to Defra.

4. Consultancy Project Reports

Baines, R., Story, S., Edwards, E., Ingledeu, J. and Rafael, A. (2015). Scoping study for agribusiness incubation model(s) for Mozambique. For the Foreign and Commonwealth Office, Department for International Development and CEPAGRI.

Chang, X. (2015). Growing daffodils for Alkaloid Production. Report to the Kildare Trust. July.

Chang, X. (2015). Daffodil Planting and Sampling Protocol 2015. For Agroceutical Products Ltd.

- Chang, X.** (2015). Protocols of Daffodil Fresh Sample Preparation and Alkaloid Extraction for GC-MS / HPLC Analysis. For Agroceutical Products Ltd.
- Donaldson, A. and **Rajah, K.** (2015). UK Agricultural Machinery Demand Projections. For Agricultural Engineering Association, Peterborough.
- Edwards, E., Brough, C.,** Silcock, P., Webster, S and Kidd, C. (2015). Assessment of the organic dairy industry in the UK and the role played by OMSCo in supporting the industry. For the Organic Milk Suppliers Cooperative.
- Edwards, E.** and **Overbury, T.** (2015). An investigation into the relationship between controlled traffic farming and soil health in the arable sector. For BASF.
- Edwards, E.** and Silcock, P. (2015). Identification of suitable species for symbiotic cropping and spin off benefits for livestock in solar PV parks. For Solstice Renewables Ltd.
- Foy, R.** and **Edwards, E.** (2015). Chapel Meadow Yard: Sheep Welfare Report. For Poole Farming.
- Hamilton-Webb, A.,** and **Naylor, R.** (2015). Faster Women Evaluation. Report to Gloucestershire County Council.
- Hopkins, D.** and **Ingledeu, J.** (2015). Scoping study of organic farming in Ghana. For Sunshine Organics.
- Hopkins, D., Story, S., Edwards, E.,** Kramalowski, E. and Lawrie, S. (2015). Building high level capacity in agriculture and agricultural education through private sector partnerships for agri-business incubation: Tanzania Scoping Study. For the Foreign and Commonwealth Office.
- Huston, S., Minaei, N.** and **Jadevicius, A.** (2015). Retaining talent in Herefordshire – accommodation constraints in an emerging regional hub. Research report commissioned by Kielder Trust ('HTKT').
- Martin, H.** (2015). The effect of a novel potential crop fertiliser on early stages of plant growth. Royal Agricultural University.
- Martin, H.** (2015). The effect of a potential new fertiliser product on the growth and productivity of a grass crop. Royal Agricultural University.
- Martin, H.** (2015). Project 2: Exploration of composting techniques and testing of allelochemicals using coffee grounds. Royal Agricultural University.
- Martin, H.** (2015). Patent application (pending) GB1518160.5. Plant growth enhancing composition and method for producing it. Royal Agricultural University.
- Walsh, R.** and **Brunyee, J.** (2015). *Guernsey Farm Business Survey - 2014*. The Commerce and Employment Department, States of Guernsey.

5. Conference Talks

Conway, J.S. (2015). *Developing inclusive learning environments*. Invited keynote. ADSHE Annual Conference. June.

Daniels, S. and Proudman, C.J. (2015). Trends in ivermectin and moxidectin egg reappearance in client owned horses over a four year period: a retrospective study. *Proceedings of the WAAVP 2015 conference*. 16-20 August, 367. Liverpool.

Davies, W.P. (2015). Challenges for Organic Cereal Supply. In *Organic cereals: supply chain opportunities and challenges* Seminar. Campden BRI. Chipping Campden. June.

de Lavis, I. and **Daniels, S.** (2015). A histological study of G-cell concentrations in the fundic and pyloric regions of the equine stomach: A pilot study. *Proceedings of the Alltech-Hartpury Student Conference*. 22 April. Gloucester.

Ferdausi, A., **Chang, X.**, Hall, A. and Jones, M. (2015). Transcriptomic and tissue culture approaches for production of Amaryllidaceae alkaloids. 3rd International Conference on Integrative Biology, Biological System Open Access. http://www.omicsgroup.org/journals/2329-6577/2329-6577.S1.003_005.pdf

Grange, I. and Wilson A. (2015). How much additional biomass carbon does Ivy (*Hedera Helix*) contribute to woodlands? A preliminary study. Farm Woodland Forum Annual Conference, 'Woodfuel from Agroforestry'. Organic Research Centre, Newbury, 18-19 May.

Grange, I. (2015). Soil Assessment Approaches for Improved Productivity. UK China Agri-Tech Workshop 8 July, British Embassy, Beijing, China.

Hopkins, D. W. (2015). *Healthy Soils for Health Agriculture*. (keynote lecture). Tropical Agriculture Association SOILS Symposium, Cirencester. October.

Hopkins, D. W. (2015). *Large and Sustained Applications of Compost and Slurry – Too Much of a Good Thing?* 5th International Symposium on Soil Organic Matter. Göttingen, Germany. September.

Hopkins, D. W. (2015). *Soil Carbon Dynamics in Long-Term Grassland Experiments*. Association for Applied Biologists conference on Long-term Experiments in Agriculture. Newcastle upon Tyne. May.

Hopkins, D. W. (2015). *What can we still learn about soils from long-term field experiments*. (Invited speaker). SEESoil meeting. East Malling. April.

Huston, S. Minaei, N., Jadevicius, A. and **Parsa, A.** (2015). Regional emerging hubs-catalysts, drivers and constraints. *22nd European Real Estate Society*. Istanbul, 24-27 June.

- Huston, S.** Puying, L. and **Parsa, A.** (2015). International Competitiveness of China's Construction Firms. *22nd European Real Estate Society*. Istanbul, 24-27 June.
- Huston, S.** and Lahbash, E. (2015). Investigating the UAE residential valuation system: a framework for analysis. *World Academy of Science Engineering and Technology (WASET) conference on Urban Planning and Regional Development*. Dubai, 11-12 March.
- Jadavicius, A., Huston, S.** and Baum, A. (2015). Two centuries of farmland prices in England. *22nd European Real Estate Society*. Istanbul, 24-27 June.
- Jadavicius, A.** and **Huston, S.** (2015). Measuring Duration of Commercial Property Cycles in the UK: Smoothing and Volatility [16007]. *American Real Estate and Urban Economics Association (AREUEA) conference*. Washington DC, 6-9 July.
- Lahbash, E, **Parsa, A.** and **Huston, S.** (2015). Residential valuation: Emirati perspectives. *22nd European Real Estate Society*, Istanbul, 24-27 June.
- Li. P., **Parsa, A., Huston, S.** and Kashyap, A. (2015). The International Competitiveness of Chinese Construction Firms. *European Real Estate Society (ERES) Conference*. Istanbul, 24-27 June.
- Manning, L.** (2015). *Health and well-being vulnerability of the socio-economically disadvantaged: the role of food*. Corporate Responsibility and Sustainable Development Symposium, Ryerson University, Toronto. 7-10 June.
- Manning, L.** (2015). *What is the water footprint of an apple?* National Association of Cidermakers Conference. Gloucester. 24 February.
- Moore-Colyer, M.J.S.** and Muirhead, V. (2015). *Managing the stable environment for the equine athlete – improving the hygienic quality of straw bedding*. European Equine Health and Nutrition Congress. Bruges, Belgium. March.
- Moore-Colyer, M.J.S.** (2015). *A better way to feed the performance horse*. Key note paper British Society of Animal Science. Chester. April.
- Mottram, T.T.F.** (2015). *The effect of husbandry system on rumen pH in dairy cows*. 66th Conference of the European Association of Animal Production. Warsaw. September.
- Rajah, K.K.** (2015). *Overcoming Complexity for business success in the next 20 years*. International Seminar in Business and Management. UAlg ESGHT, Universidade Do Algarve, Escola Superior De Gastao, Hotelaria E Turismo, Faro, Portugal. 9 March.
- Rial-Lovera, K., Davies, W.P., Conway, J.S.** and **Cannon, N.** (2015). Advancing soil management in a changing climate: A recent UK experience. Elsevier. Global Cleaner Production & Sustainable Consumption Conference. Barcelona, Spain. 1-4 November.

- Rial-Lovera, K., Davies, W.P., Conway, J.S. and Cannon, N.** (2015). Reflections on soil cultivation influences on wheat performance in a changing climate. SCI Agriscience Young Researchers Conference. Syngenta, Jealott's Hill. 8 July.
- Reyhaneh, R., **Parsa, A.** and **Huston, S.** (2015). Evaluating mega urban regeneration projects: developing a new model. 3rd International Congress on Civil Engineering, Architecture and Urban Development, Shahid Beheshti University. Tehran, Iran. 29-31 December.
- Roberts, K., **Hemmings, A., Moore-Colyer, M.** and Hale, C. (2015). Differential brain function in horses performing locomotor versus oral stereotypic behaviour. Behaviour. Cairns. August.
- Soon, J.M. and **Manning, L.J.** (2015). Holistic risk assessment: Enabling food policy. EFSA Journal **13**(10), 1310, 88. http://www.efsaexpo2015.eu/wp-content/uploads/2015/10/20150914b_EFSAJournal-Supplement_web.pdf
- Swallow, K.** (2015). Woodland moss species richness in the Cotswolds: a pilot study. Postgraduate Conference. University of Worcester. 26 June.
- Swallow, K.** (2015). Phytosociology of ancient woodland indicator species in the Cotswolds. Postgraduate Research Student Conference. University of Gloucestershire. 22 June.
- Swallow, K.** (2015). Biodiversity Value of Ancient Woodland Flora: not quite as it seems. British Ecological Society Annual Meeting. Edinburgh. 13-16 December.
- Topolansky, F.,** Fularczuk, A. and Gonzalez Triay, M. (2015). Would the Niagara Region Benefit from Specialising in Riesling? *International Conference on Marketing and Business Development Journal*. **1**(1), 57-68. ISSN: 2344 – 5130.
- Zhang, C.Y.** (2015). Evaluating my practice of engaging students learning. *HEA Annual Conference: Inspire – sharing great practice in Social Science teaching and learning*. Manchester. 3-4 December.

6. Other Publications

- Conway, J.S.** (2015). Geotrail, Newborough to Abermenai Point. / Llwybyr Niwbwrch i Drwyn Abermenai. Swn y Mor **16**, 12-13.
- Conway, J.S.** (2015). DSA Changes. PATOSS Bulletin. **28** (1), 21-24.

- Conway, J.S.** (2015). DSA Changes and university environments for SpLD students. *PATOSS Bulletin*. **28** (2), 26-28.
- Hopkins, D.W.** (2015). Soil science education in the UK tertiary sector. *The Geographer*. Summer 2015, 21.
- Jadevicius, A.** and **Huston, S.** (2015). The UK's labour productivity – Review. April.
- Maskell, E.** (2015). GuildHE and TSEP. *Making Student Engagement a Reality: Turning Theory into Practice*. GuildHE, London. 17. Available at <http://www.guildhe.ac.uk/wp-content/uploads/2015/11/6472-Guild-HE-Student-Engagement-Report-36pp.pdf>
- Maskell, E.** (2015). ‘Completing our picture: our journey from listening to partnership in student engagement. *Higher Education Academy*, 6 March [Blog]. Available at <https://www.heacademy.ac.uk/completing-our-picture-our-journey-listening-partnership-student-engagement>
- Rajah, K.K.** (2015). En reconocimiento a los agricultores del Condado de Huelva. *Revista – Regadíos 04*, November, 14-15. Huelva, Spain.
- Sayce, S.** (2015). A valuable resource. *RICS Property Journal*. July/August. 8.

7. External Talks

- Chang, X.** (2015). Growing Daffodils for Alkaloids. (Invited Talk for Research Collaboration). UNIVGUK.
- Hopkins, D.W.** (2015). Gobabeb Field expedition seminar (invited speaker) “Field Expedition 2014 – Pearyland, Northern Greenland, Gobabeb Desert Research and Training Centre, Namibia. April.
- Hopkins, D.W.** (2015). North West Agriculture & Forestry University seminar series (Invited speaker) “What can we still learn about soils from long-term field experiments”, Yangling, Shaanxi Province, People’s Republic of China, June.
- Hopkins, D.W.** (2015). Hector and Andrew Stewart Memorial Lecture, (invited guest lecturer) “Soils and the End of the Earth, and a Few Places in Between”, Institute of Agriculture, University of Western Australia, Perth, Australia, March.
- Manning, L.** Farming and the Environment. Ross Civic Society. 8 April.

Manning, L. (2015) Lessons for the broiler sector from the 2013 horsemeat incident, South West Poultry Association, Bristol. 21 April.

Moore-Colyer, M.J.S. (2015). Improving Stable Hygiene, Equine Health – September/October, 53.

Moore-Colyer, M.J.S. (2015). Avoid coughing this winter! British Showjumping Magazine. 5, 36.

Moore-Colyer, M.J.S. (2015). British Dressage Clean nutritious forage for dressage horses. November.

Rajah, K.K. (2015). With all this technological development in agriculture, what is its impact on business? Agritechnica Forum, Hannover. 11 November.

Appendix 1.1 Current PhD Research Degree Projects

Student	PhD Study Area	Supervisors	Submission date
Rahimzad, R.	Financing of mega-urban regeneration projects in the UK, US and South Korea	A Parsa S Huston	2015
Odueke, Oluwakemi B.	Effects of non-thermal food pasteurization, packaging and storage on food safety and quality.	R Baines S Chadd	2016
Alo, A.	Nigerian Smallholder Farmer Awareness of Climate Change and Attitudes to Climate Smart Farming	R Baines J Conway N Cannon	2017
Roberts, Kirsty	Behavioural Probes of Equine Brain Function	M Moore-Colyer A Hemmings	2017
Hamilton-Webb, Alice	Farmers' experiences of flooding and attitudes towards climate change: A study in the county of Gloucestershire	J. Conway R. Naylor	2017
O'Connor, Niamh	The role of current and future food systems in alleviating food poverty in urban areas- an inclusive food system model	R Baines S Chadd	2017
Curzon, Sally	Examining models of risk communication and disease management: the case of biosecurity measures on English dairy farms	R Naylor	2017
Kamalongo, Donwell	Wheat-bean intercropping	N Cannon P Davies J Conway	2017
McKenna, Patrick	Investigation of red clover (<i>Trifolium pratense</i> , L.) cultivars and landraces	N Cannon P Davies J Conway J Dooley	2017

Li, Puying	International competitiveness model to analyse and improve the international competitiveness of Chinese construction firms.	A Parsa S Huston	2017
Ghasemi, Sarah	Development of anti-microbial coatings to control foodborne pathogens on poultry products	R Baines	2017
Labash, Ebraheim	UAE residential valuation systems, audit, investigation and future pathways	A Parsa S Huston	2017
Jellason, Patrick	Environmental challenges and linkages to small scale farmers in Sub-Saharan Africa; implications for food security	R Baines J Conway	2017
Sennuga, Samson	Use of ICT amongst extension workers and farmers and its relevance to sustainable development in Nigeria	R Baines J Conway R Naylor	2017
Newman, Ivan	tbc	J Conway	2018
Al-Nadhari, Najma	The Attraction of London Property to GCC Investors	A Parsa S Huston	2018
Johns, Sarah	Development of an in vitro foregut model for horses	M Moore-Colyer A Hemmings	2018
White, Samuel	Detection, identification and modification of a range of allergenic epitopes in hay fodder, that cause respiratory diseases when fed to horses	M Moore-Colyer A Hemmings	2018

Appendix 1.2 Current MSc by Research Degree Projects

Student	Study Area	Supervisors	Submission date
Dolman, Sarah		M Moore-Colyer A Hemmings	2016
Orchard, Emily		M Moore-Colyer A Hemmings	2016

Appendix 1.3 PhD submitted

Student	PhD Study Area	Supervisors	Submission date
Munyeche, N.	Improving market supply from smallholder producers in Zambia and South Africa	R Baines J Turner P Davies	Awaiting viva
Axe, M.	Carbon sequestration evaluation in UK farm hedgerows	R Baines I Grange J Conway	Awaiting viva
He, Fan	Social capital in China: Labour migration and use in the mining sector.	K Rajah J Turner Y Zhang	Making corrections after viva

Appendix 1.4 PhD Research Degree Awarded by Coventry University

Student	PhD Study Area	Supervisors	Submission date
Rial-Lovera, K.	Sustainable conversion from organic to low input conventional farming	N Cannon P Davies J Conway	Awarded November 2015

Appendix 1.5 MSc by Research Degree Awarded by Coventry University

Student	PhD Study Area	Supervisors	Submission date
Ledingham, B.	Farming Solar Energy: A Useful Contribution to Mitigating Climate Change? An Analysis of Solar PV in GB Agriculture	A Parsa	Awarded November 2015

Appendix 2 History of Contributions

	Recording Period					
	2015	2014	2013	2012	2011	2001 (June) to 2010 (December)
Contributions						Average per year
Refereed Journals	30	27	21	19	9	12
Books and Book Chapters	5	1	5	2	3	5
Research Reports	7	5	2	6	1	9
Consultancy Project Reports	18	10	8	14	17	19
Conference Contributions	34	33	62	39	42	33
Other Publications	9	14	6	13	14	11
External Talks	10	22	18	12	28	11
Total	113	112	139	105	114	100

Appendix 3 Staff Contributions by School

Staff Contributions from the different Schools of Study in 2015

Department	SAFE	RELM	SBE	SEMS	Other	Total
Refereed Journals	14	11	2	3		30
Books and Book Chapters	0	3	1	1		5
Research Reports	3	4	0	0		7
Consultancy Project Reports	14	2	2	0		18
Conference Contributions	18	10	3	3		34
Other Publications	4	2	1	0	2	9
External Talks	6	0	1	3		10
Totals	59	32	10	10	2	113

Schools

SAFE	School of Agriculture, Food and Environment
RELM	School of Real Estate and Land Management
SBE	School of Business and Entrepreneurship
SEMS	School of Equine Management and Science
Other	Registry