PUBLICATIONS,
CONTRIBUTIONS TO CONFERENCES
AND CONSULTANCY REPORTS

JANUARY - DECEMBER 2013
Summary

The report reviews research and consultancy (and related) outputs from the Royal Agricultural University in 2013. The output in total, of some 140 contributions, shows a pleasing increase to the long-term annual average (since 2001) of around 100 contributions during the year.

The appointment of additional academic staff in 2012, with research degree qualifications, and more of a track record for research, has started to make a difference to the output total. A number of new staff feature in the report.

Contributions are again dominated by staff from the School of Agriculture with research projects involving, in particular, MSc postgraduates and PhD students. There is continuing research and consultancy in the School of Real Estate and Land Management. The School of Business and Entrepreneurship has also become more involved, towards the corporate goals of RDAP acquisition.

Of note is the higher number of papers in peer-reviewed journals, of particular importance to the HEFCE REF exercise.

During the year Dr John Conway, the RAU Director of Research, working with Professor Ros Gaskell completed a Research Excellence Framework (REF) submission for the Royal Agricultural University to the Higher Education Funding Council (HEFCE). The REF funding judgement is expected in December 2014.

J.S. Conway
W. Paul Davies
18 March 2014
# Publications, Contributions to Conferences and Consultancy Reports: January - December 2013

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PUBLICATIONS, CONTRIBUTIONS TO CONFERENCES AND CONSULTANCY REPORTS: JANUARY 2013 - DECEMBER 2013

1 Peer Reviewed Papers


2 Books and Book Chapters


3 Conference contributions


Swindell, J. (2013). Education flows in many directions, all routes are valid, none is the best. Online Educa Berlin 2013, ICWE. Berlin, Germany.


4 Other Publications


5 Research Reports


6 Consultancy Reports


Moore-Colyer, M.J.S. (2013). The effect of ad libitum or restricted hay with or without the molassed-based supplement (Horslyx) on the intake and behaviour of normal and stereotypic horses. Report for Calltech Ltd.


7 Miscellaneous Publications


8  **External talks**


**Manning, L.** (2013). The survival of the small farm: a women’s perspective. Royal Agricultural University. Cirencester. 4 October.


### Appendix 1.1 Current PhD Research Degree Projects

<table>
<thead>
<tr>
<th>Student</th>
<th>PhD Study Area</th>
<th>Supervisors</th>
<th>Expected Submission date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Axe, M.</td>
<td>Carbon sequestration evaluation in UK farm hedgerows</td>
<td>R.N.Baines, I.Grange, J.S.Conway</td>
<td>2014</td>
</tr>
<tr>
<td>Moyo, H.</td>
<td>Strategies for soil-fertility building through improved legume cropping</td>
<td>W.P.Davies, N.Cannon, J.S.Conway</td>
<td>2014</td>
</tr>
<tr>
<td>Vijaya Bhaskar, A.V.</td>
<td>Bi-cropping and green manuring to reduce tillage, suppress weeds and improve soil organic matter when grown in an arable rotation</td>
<td>N.Cannon, W.P.Davies, J.S.Conway</td>
<td>2014</td>
</tr>
<tr>
<td>Rial-Lovera, K.</td>
<td>Sustainable conversion from organic to low input conventional farming</td>
<td>N.Cannon, W.P.Davies, J.S.Conway</td>
<td>2015</td>
</tr>
<tr>
<td>Alo, A.</td>
<td>Climate change impacts on agriculture</td>
<td>J.S.Conway, R.N.Baines</td>
<td>2016</td>
</tr>
<tr>
<td>Odueke, Oluwakemi B.</td>
<td>Effects of non-thermal food pasteurization, packaging and storage on food safety and quality.</td>
<td>R.N.Baines, K.Farag</td>
<td>2016</td>
</tr>
</tbody>
</table>
### Appendix 1.2 Current MSc by Research Degree Projects

<table>
<thead>
<tr>
<th>Student</th>
<th>Study Area</th>
<th>Supervisors</th>
<th>Submission date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roberts, K.</td>
<td>Behavioural and genetic probes of altered brain function in horses performing stereotypic behaviour</td>
<td>A.J.Hemmings</td>
<td>2014</td>
</tr>
</tbody>
</table>

### Appendix 1.3 Recent PhD Research Degrees Awarded by Coventry University (RAU)

<table>
<thead>
<tr>
<th>Student</th>
<th>PhD Study Area</th>
<th>Supervisors</th>
<th>Submission date and university</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doel, J.M.</td>
<td>Forage legume pre-cropping on wheat performance in the Cotswolds</td>
<td>G.P.F.Lane, W.P.Davies, J.S.Conway</td>
<td>Awarded 2013</td>
</tr>
<tr>
<td>Alharbi, Talal</td>
<td>Accessibility of Public Buildings for wheelchair user in The Middle East: Jordan as a case study</td>
<td>A.Parsa</td>
<td>Approved to be awarded early 2014</td>
</tr>
<tr>
<td>Janik, I.A.</td>
<td>Improving mastitis detection and measurement for better milk quality</td>
<td>C.J.Gaskell, S.A.Chadd, H.Martin</td>
<td>Approved To be awarded early 2014</td>
</tr>
<tr>
<td>Burbi, S.</td>
<td>Greenhouse gas (GHG) mitigation</td>
<td>R.N.Baines</td>
<td>Approved To be awarded</td>
</tr>
<tr>
<td>at farm level</td>
<td>J.S.Conway</td>
<td>early 2014</td>
<td></td>
</tr>
</tbody>
</table>
## Appendix 2  History of Contributions

<table>
<thead>
<tr>
<th>Contributions</th>
<th>2013</th>
<th>2012</th>
<th>2011</th>
<th>2001 (June) to 2010 (December)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Refereed Journals</strong></td>
<td>21</td>
<td>19</td>
<td>9</td>
<td>12</td>
</tr>
<tr>
<td><strong>Books and Book Chapters</strong></td>
<td>5</td>
<td>2</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td><strong>Conference Contributions</strong></td>
<td>62</td>
<td>39</td>
<td>42</td>
<td>33</td>
</tr>
<tr>
<td><strong>Other Publications</strong></td>
<td>6</td>
<td>13</td>
<td>14</td>
<td>11</td>
</tr>
<tr>
<td><strong>Research Reports</strong></td>
<td>2</td>
<td>6</td>
<td>1</td>
<td>9 (3 yr av.)</td>
</tr>
<tr>
<td><strong>Consultancy Project Reports</strong></td>
<td>8</td>
<td>14</td>
<td>17</td>
<td>19</td>
</tr>
<tr>
<td><strong>External Talks</strong></td>
<td>18</td>
<td>12</td>
<td>28</td>
<td>11</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>139</td>
<td>105</td>
<td>114</td>
<td>100</td>
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</tbody>
</table>
## Appendix 3 Staff Contributions by School

### Staff Contributions from the different Schools of Study in 2013

<table>
<thead>
<tr>
<th>Department</th>
<th>SOA</th>
<th>RELM</th>
<th>SBE</th>
<th>IDL</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contributions</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refereed Journals</td>
<td>16</td>
<td>3</td>
<td>2</td>
<td></td>
<td>21</td>
</tr>
<tr>
<td>Books and Book Chapters</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Conference Contributions</td>
<td>37</td>
<td>15</td>
<td>9</td>
<td>1</td>
<td>62</td>
</tr>
<tr>
<td>Other Publications</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Research Reports</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Consultancy Project Reports</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Miscellaneous Publications</td>
<td>11</td>
<td>1</td>
<td>5</td>
<td></td>
<td>17</td>
</tr>
<tr>
<td>External Talks</td>
<td>13</td>
<td>1</td>
<td>1</td>
<td>3</td>
<td>18</td>
</tr>
<tr>
<td>Totals</td>
<td>88</td>
<td>27</td>
<td>21</td>
<td>4</td>
<td>139</td>
</tr>
</tbody>
</table>

### Schools

- **SOA**  School of Agriculture
- **RELM** School of Real Estate and Land Management
- **SBE**  School of Business and Entrepreneurship
- **IDL**  School of International and Distance Learning
## Appendix 4  Current Postdoctoral Fellows at RAU

### Current Postdoctoral Fellows at RAU

<table>
<thead>
<tr>
<th>Postdoc</th>
<th>From</th>
<th>Study</th>
<th>Co-workers</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Ivy Wu</td>
<td>Shandong Agricultural University (SDAU) PR China</td>
<td>Food Safety in China</td>
<td>Jonathan Turner Paul Davies</td>
<td>2013/14</td>
</tr>
<tr>
<td>Dr. Rosmiza Mohd Zainol</td>
<td>Universiti Kebangsaan Malaysia (UKM) Malaysia</td>
<td>Utilisation of Rice Crop Straw in Asia</td>
<td>Paul Davies</td>
<td>2014/15</td>
</tr>
<tr>
<td>Dr Negin Minaei</td>
<td>Islamic Azad University (IAU) Iran</td>
<td>Building Ergonomics and Architecture Design</td>
<td>Ali Parsa</td>
<td>2013/15</td>
</tr>
</tbody>
</table>