**Curriculum Vitae (summary) – Prof. Dr. Anthony Whitbread**

**Full Name** Prof. Dr. Anthony M. Whitbread

**Address** Research Program - Resilient Dryland Systems (RDS)

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**Nationality** Australian

**Academic qualifications**

1997 Doctor of Philosophy, University of New England, Armidale, Australia

“The effects of cropping system and management on soil organic matter and nutrient dynamics, soil structure and the productivity of wheat.”

1993 Bachelor of Rural Science (Hons), University of New England, Armidale, Australia. Four year degree program majoring in soil science, agronomy and animal production. Honours thesis topic “The effect of grazing animals on soil physical conditions and water relations.”

**Professional Employment History**

2014- Research Program Director, Resilient Dryland Systems, ICRISAT India

2011- Professor, Crop Production Systems in the Tropics, Department of Crop Sciences, Georg-August-University Göttingen, Germany

2007 – 2011 Senior Scientist, Farming Systems, CSIRO Sustainable Ecosystems, Waite Precinct, Adelaide South Australia

2003 – 2006 Senior Scientist, Farming Systems, CSIRO Sustainable Ecosystems, Brisbane, Queensland Australia

1999 – 2003 Scientist, Farming Systems, CSIRO Sustainable Ecosystems and Agricultural Production Systems Research Unit (APSRU), Toowoomba, Queensland Australia

1997 – 1999 Research Fellow, University of New England, Armidale, Australia, Lao-IRRI office, Vientiane, LAO PDR, Ubon Ratchathani Rice Research Centre, Ubon Ratchathani, Thailand

1993 – 1996 PhD Candidate, University of New England, Armidale and Douglas McMaster Research Station, Warialda, Australia

**Honours and Awards**

2014 CSIRO Impact from Science Award

2014 Australian Museum Eureka prize for Sustainable Agriculture.

2008 CSIRO Team Award

2006 CSIRO Learning Culture Award

1997 The Alf Anderson Plant Nutrition Award

**Scientific / Professional Appointments (last 5 years)**

2014- Expert reviewer and Panel Chair for Food Security- r4d program, Swiss National Science Foundation (SNF) (www.r4d.ch).

2013-14 Director, Centre for Section for Tropical and Subtropical Agriculture and Forestry (SeTSAF)” http://www.uni-goettingen.de/de/24288.html

2013- Associate Editor, Food Security: the Science, Sociology and Economics of Food Production and Access to Food (www.springer.com/life+sciences/agriculture/journal/12571?detailsPage=editorialBoard)

2012 Co-Chair, Tropentag 2012 (http://www.tropentag.de/)

2009 - 2012 External reviewer for National Research Foundation (NRF) Republic of South Africa

**Publishing History**

Prof. Whitbread has authored more than 50 journal articles and book chapters, >100 refereed conference and industry publications, several consultancies for Australian government and industry bodies as well as a large body of extension material written for farmers in Australia and Southern Africa. Top 10 publications in last 3 years:

1. Whitbread AM, Davoren C, Gupta VVSR, Llewellyn R, Roget D. (2015). Long-term cropping system studies support intensive and responsive cropping systems in the low rainfall Australian Mallee. *Crop and Pasture Science* 66 *http://dx.doi.org/10.1071/CP14136.*
2. Holzworth DP et al. (2014) APSIM - Evolution towards a new generation of agricultural systems simulation. *Environmental Modelling & Software* 62: 327-350*.*
3. Hoffmann MP, Jacobs A, Whitbread AM (2015) Crop modelling based analysis of site-specific production limitations of winter oilseed rape in northern Germany. *Field Crops Research* 178, 49-62.
4. Kirkegaard JA, Hunt JR, McBeath TM, Lilley JM, Moore A, Verburg K, Robertson M, Oliver Y, Ward PR, Milroy S, Whitbread AM (2014) Improving water productivity in the Australian Grains industry—a nationally coordinated approach. Crop and Pasture Science 65, 583–601http://dx.doi.org/10.1071/CP14019.
5. Kamanga BCG, Waddington SR, Whitbread A, Almekinders CJM, Giller KE (2013) Improving the efficiency of use of small amounts of nitrogen and phosphorus fertiliser on smallholder maize in central Malawi. Experimental Agriculture 50, 229-249. DOI 10.1017/S0014479713000513.
6. Tscharntke T, Clough Y, Wanger TC, Jackson L, Motzke I, Perfecto I, Vandermeer J, Whitbread A (2012) Global food security, biodiversity conservation and the future of agricultural intensification. *Biological Conservation* 151, 53-59.
7. Bell LW, Lawrence J, Johnson B, Whitbread AM (2012) Exploring short-term ley legumes in subtropical grain systems: production, water use and water-use-efficiency of tropical and temperate options. Crop and Pasture Science, 63, 819-832.
8. Whitbread AM, Ayisi KK, Bopape MP, Odhiambo JO, Maluleke N, Pengelly BC (2011). Evaluating lablab (*Lablab purpureus* L. Sweet) germplasm to identify short season accessions suitable for crop and livestock farming systems in southern Africa. African Journal of Range and Forage Science 28(1), 21-28.
9. Hayman PT, Whitbread AM, Gobbett DL (2010) The impact of El Niño Southern Oscillation on seasonal drought in the southern Australian grainbelt. *Crop and Pasture Science* 61, 528-539.
10. Whitbread A, Robertson M, Carberry P, Dimes J (2010) How farming systems simulation can aid the development of more sustainable smallholder farming systems in Southern Africa. European Journal of Agronomy 32, 51-58. 0.1016/j.eja.2009.05.004

A complete list of publications at: <http://scholar.google.com/citations?user=FsWOGFcAAAAJ>