

## Curriculum vitae: Beatrice Isabel Conradie

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### Aug 2019

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Nationality: South Africa

Languages: Afrikaans, English

### Awards

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1. Award for the “most scientific” paper presented at the 53rd annual conference of the South African Society for Agricultural Extension, Kimberley, 9-11 July 2019.
2. **Tomlinson Medalist** for 2019, Agricultural Economics Association of South Africa.
3. Best paper published by a member of the Agricultural Economics Association of South Africa during 2017/18 on wage elasticities, with colleagues at Stellenbosch.
4. Third best contributed paper to the annual conference of Agricultural Economics Association of South Africa in 2014, with Simon Lee and David Lindeque (both undergraduates at the University of Cape Town).
5. Best paper published by a member of the Agricultural Economics Association of South Africa in 2013, with Martina Treurnicht, Karen Esler and Mirijam Gaertner (Stellenbosch University).
6. **Researcher of the year** (2009), Saasveld Campus, Nelson Mandela Metropolitan University.
7. Best paper published by a member of the Agricultural Economics Association of South Africa in 2009, with Jenifer Piesse (Kings College, London) and Colin Thirtle (Imperial College London).
8. SR Swart prize for the best paper in Agrekon in 2009, with Jenifer Piesse (Kings College, London) and Colin Thirtle (Imperial College London).

### Employment and education

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1. *University of Cape Town*
  - a. Associate Professor, since 2013
  - b. Senior lecturer, 2003 – 2012, with six months spent at Saasveld Campus of Nelson Mandela Metropolitan University at the same rank in 2009
  - c. Lecturer, 2000 – 2002
  - d. Temporary lecturer, 1999
2. *Colorado State University*
  - a. PhD, 1998 – 2002
3. *Lanko Fruit Packers, Louterwater, Langkloof*
  - a. Extension officer, 1990 - 1994
4. *Stellenbosch University*
  - a. M.Sc Agric., cum laude, 1995 – 1996
  - b. Hons. B.Sc. Agric, 1989
  - c. B.Sc. Agric, 1984 – 1988

## Management

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### 1. *Directorships*

- a. Acting director of the Centre for Social Science Research, Nov- Dec 2013, Sept - Nov 2016. The CSSR is an interdisciplinary research unit specialised in survey data and qualitative methods.
- b. Director of the Sustainable Societies Unit in the Centre for Social Science Research since 2012. The Sustainable Societies Unit study problems at the human environment interface and workplace inequality.

### 2. *Internal committees*

- a. Readmission Review Committee, Commerce Faculty, University of Cape Town, 2007-2008, 2010-2015, 2017-2018, acting chair Aug 2017.
- b. Assessor for Student Disciplinary Tribunal, University of Cape Town, 2013-2015.
- c. Knowledge Cooperative Steering Committee, University of Cape Town, 2014-2017.
- d. Undergraduate convener, School of Economics, University of Cape Town, 2006.
- e. Curriculum advisor, School of Economics, University of Cape Town, 2000-2005, 2008, since 2018.
- f. Open Day organiser, Commerce Faculty, University of Cape Town, 2003-2006.
- g. Research and Innovation Committee, NMMU Saasveld, 2009.
- h. Curriculum Committee, Microeconomics, School of Economics, University of Cape Town, 2010-2015.

### 3. *External reviews*

- a. Faculty Review of Science and Agriculture University of the Free State, 2016
- b. Standard setting committee for Quantitative literacy for the National Benchmark Test, 2012
- c. External review of the Centre for Higher Education Development, 2012
- d. Project reference group (project 2170) for the Water Research Commission, 2012
- e. External examiner, Agricultural Economics, Stellenbosch University, 2012
- f. Review panel for Academic Development Programme, Commerce, University of Cape Town, 2010.

### 4. *Peer reviewing for NRF rating*

- a. Abiodun Ogundeji of Free State University, 2019
- b. IB Oluwatayo of University of Limpopo, 2017
- c. PK Chauke of University of Venda, 2016
- d. Peter Jacobs of the HSRC and Ed Mungata of University of Pretoria, 2015
- e. Michael Aliber of the University of Fort Hare, 2014
- f. Johan van Rooyen of Stellenbosch University, 2014

### 5. *Committees of the Agricultural Economics Association of South Africa*

- a. Panel judging the best masters thesis produced by an agricultural economics student in South Africa during the past year (2019)
- b. Agrekon editorial board, since volume 55 (2016)
- c. Panel judging the best article produced by a member of the agricultural economics association of South Africa during the past year (2011)

## Teaching

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1. *Subjects taught (\*and convened)*
  - a. Introduction to microeconomics: 1999 -2002\*, 2008, 2009\* (NMMU), 2017
  - b. Intermediate microeconomics: 2004 – 2006\*, 2008, 2010-2011\*
  - c. Resource Economics (3rd year): 2003-2006\*, 2008 -2015\*, since 2017\*
  - d. Policy analysis (4th year): 2013-2015
  - e. Research Tools for Development students (masters): 2009 – 2015\*, since 2017
  - f. Other applied micro: Game ranch management: 2009; Economics for engineers: 2008
2. *PhD students graduated*
  - a. Craig Galloway on “Sustainable dairy farming in the Eastern Cape: Investigating productivity and attitudes”. Study leader Karen Esler, Stellenbosch University. Graduated December 2017.
3. *Masters students graduated*
  - a. David Kapya on “Productivity of the agro-processing sector in Zambia”. Graduated with an MCom from UCT in December 2016.
  - b. Kavisha Pillay on “Structural changes in the farm labour force in South Africa” Graduated with an MCom from UCT in June 2015.
  - c. Chris Harrison on “The demand for green electricity in Cape Town”. Graduated cum laude with a MCom from UCT in December 2013.
  - d. Talisa McMillan on “Indicators of success in the SMME sector”. Graduated cum laude with a MCom from UCT in December 2012.
  - e. Amy Thom on “Urban agriculture’s Social enterprise potential”. Graduated with an MPhil in PPE from UCT in June 2012.
4. *Honours long papers supervised*
  - a. Mariska Oosthuizen on “Early indications of climate change in the West Coast wine industry” 2018.
  - b. Ivo Wustro on “Stability of farmers’ risk perceptions: A follow up study of attitudes in one community in the Karoo” 2018.
  - c. Stefan Zimmermann on “Further explorations of the effect of drought on productivity in the Karoo” 2018.
  - d. Martin Dyer on “Efficiency in the SMME retail sector” 2016.
  - e. Victoria Delbridge on “Competing definitions of food security” 2015.
  - f. Simon Lee on “Productivity in the wine industry” 2015.
  - g. Hugh van Niekerk on “Productivity on dairy farms” 2014.
  - h. Josie Matterson on “Burial societies as a financial instrument” 2014.
  - i. Melissa Newham on “Viability of a carbon tax for South Africa” 2012.
  - j. Hafsa Jumare on “Climate change mitigation in small scale agriculture” 2012.
  - k. David Labushagne on “Farm worker equity schemes in KZN” 2012.
  - l. Inge Conradie on “Farm worker livelihoods and identities in the Karoo”, 2012
  - m. Amelia Midgley on “Badger friendly certification of South African honey”, 2011.
  - n. Alex Bailey on “Predator control in the Southern Cape”, 2011.
  - o. Kate Still on “Rhino farming as a conservation strategy”, 2011.
  - p. Maria Garcia on “Travel cost models to value plant biodiversity on the Agulhas Plain” 2010
  - q. Geoffrey Wilmot on “The cost of predation on farms in the Eastern Cape” 2008.
  - r. Daniel Wigglesworth on “The effect of statutory minimum wages on mechanization in agriculture” 2006 (UCT sociology).
  - s. Rosemary Leaver on “Supply elasticity of tobacco production in Zimbabwe” 2001.

#### 5. *Current supervision (all levels)*

- a. Catherine Namome on “The economics of tobacco and feasible alternatives for Uganda. PhD first year of registration 2013. Study leader Corne van Walbeek
- b. Lesego Moshikaro on “Performance of South Africa’s automotive industry”. M Com first year of registration 2016. Co-supervised by Anthony Black.
- c. Rebecca Dube on “The productivity impact of Zimbabwe’s radical land reform programme on agro-processing in that country”. First year of registration 2018.
- d. Jen Cleary on “Technical progress in small grains research”, honours, 2019.
- e. Craig Eckleton on “Effects of the drought on dairy productivity in the Eastern Cape”, honours, 2019.
- f. Matthew Fainman on “Real incomes in the wild fynbos industry”, honours, 2019.
- g. Georgina Richards on “Explaining total factor productivity in the South African sugar industry”, honours, 2019.
- h. Ben Rideout on “Modelling climate change adaptation for the Karoo”, honours, 2019.

#### 6. *Dissertations examined*

- a. MCom on “Farm labour markets” for University of the Western Cape, 2008
- b. MCom on “Aids stigma in the workplace” for University of Cape Town, 2008
- c. PhD on “The productivity of KZN’s dairy industry” for Stellenbosch University, 2010.
- d. MCom on “Primary commodity dependence and agricultural diversification...” for University of Natal, PMB, 2011.
- e. MSc Agric on “Technical and allocative efficiency in determining organisational forms in agriculture: A case study of corporate farming” for Stellenbosch University, 2013.
- f. MCom on “Farmers perceptions of the impact of legislation on farm workers’ wages and working conditions” for Rhodes University, 2012.
- g. M Phil on “Urban agriculture and food systems” for the African Climate and Development Institute at UCT, 2014.
- h. MCom on “Cost benefit analysis as a project appraisal technique for local government in South Africa: The case of the proposed developments at the Garden Route Dam” for University of Cape Town, 2014.
- i. MSc Agric on “Analysis of the factors affecting technical efficiency of smallholder maize farms in Ethiopia” for Free State University, 2014.
- j. M Com on “Labour conditions on Eastern Cape farms” for Rhodes University, 2014.
- k. MSc on “A full water footprint assessment: the case of the lower Sundays River Valley citrus farms” for Rhodes University, 2015.
- l. MCom on “Perceived labour shortages in the presence of unemployment: A case of the Sundays River Valley Citrus Farms” for Rhodes University, 2015.
- m. PhD on “Agricultural Productivity, efficiency and growth in Botswana” for the University of New England, Australia, 2016.
- n. M Com on “Estimating the marginal value of agricultural irrigation water: A methodology and application to the Berg River Catchment” for University of Cape Town, 2017.
- o. M Com on “Assessing the impact of minimum wage on South Africa’s earnings distribution” for University of Cape Town, 2018
- p. M Com on “Evaluating the effect of illegal cycad (*Encephalartos* species) trade for South Africa” for Rhodes University, 2019.

#### 7. *Teaching innovations*

- a. Conradie, B., 2013. Eco3009F – the case for undergraduate research. Presented at the UCT Undergraduate Research Experience symposium, 24 October.
- b. Conradie, B., 2011. Diagnosing and correcting problems with argument / coherence in student writing. Seminar series of the Commerce Education Group, 10 May.
- c. Conradie, B. Skelly, L., Paxton, M., 2010. What do graduate attributes mean for the classroom? The case of graduate attributes for academic literacy in 3rd year Economics.

- Seminar series of the Commerce Education Group, 11 May.
- d. Conradie, B., Pym, J., Fourie, C., 2008) Is Commerce Academic Development worth it? Seminar series of the Commerce Education Group, 26 August.
  - e. Conradie, B., 2006. Critical framing in university textbooks: The case of Woody Allan as labour (L) in Intermediate Microeconomics. Seminar series of the Commerce Education Group, 6 June.

## Research overview

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1. *National research foundation rating*
  - a. C1 (established researchers), 2015
2. *Research impact*
  - a. 626 Google Scholar citations, 14 August 2019
  - b. h-index of 12, 14 August 2019
3. *Funding raised*
  - a. NRF incentive grant for rated researchers (2016 – 2017)
  - b. Red Meat Research and Development Trust for the Karoo Management Survey (2015, 2016-2018)
  - c. University of Cape Town equipment grant awarded by the University Research Committee (2013, 2014)
  - d. Fauna and Flower International grant to study wildflower harvesting, 2009 – 2010
  - e. Agulhas Biodiversity Initiative grant to study nature based tourism on the Agulhas Plain, 2010
  - f. National Agricultural Marketing Commission grant to study historical productivity in the Western Cape, 2007
  - g. NRF grant to conduct the Breede Labour Survey, 2003 – 2007
4. *Research interests*
  - a. Total factor productivity analysis, since 2006
  - b. Climate change impacts, since 2019
  - c. Biodiversity conservation, 2008 – 2013
  - d. Farm labour markets, 2003 – 2007, 2017 – 2018
  - e. Human wildlife conflict, 2011 – 2017
  - f. Farm water use, 1999 – 2003

## Journal articles

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1. Conradie B., Piesse, J., Stephens, J. **in press**. Efficiency, vulnerability and land use change in the Karoo region of South Africa. *Environmental Development*
2. Wustro, I., Conradie, B. **in press**. How stable are farmers' risk perceptions? A follow up study of one community in the Karoo. *Agrekon*
3. Conradie, B., 2019. Land use and redistribution in the arid west: The case of Laingsburg Magisterial District. *Agrekon* 58 (3): 281-291.
4. Conradie, B., 2019. Designing for successful land reform for the extensive grazing sector. *South African Journal of Agricultural Extension*, 47(2): 1-12.
5. Conradie, B., Piesse, J., Thirtle, C., Vink, N., 2019. South African wine grape production, 2005–2015: regional comparisons of scale and technical efficiencies and total factor productivity. *Agrekon*, 58(1): 53-65.

6. Gandanziwa, C., Conradie, B., Meyer, F. 2019. Quality adjusting machinery data in South Africa. *Agrekon*, 58(1): 42-52.
7. Conradie, B., Hansen, I., Oosthuizen, M., 2019. Experiences with and the viability of a recycling pilot project in a Cape Town township. *Development Southern Africa* 36: 99-110.
8. Galloway, C., Conradie, B., Esler, K., Prozesky, H., 2018. Are private and social goals aligned in pasture-based dairy production? *Journal of Cleaner Production* 175: 402-408.
9. Nattrass, N., Conradie, B., 2018. Predators, livestock losses and poison in the South African Karoo. *Journal of Cleaner Production* 194(1): 777-785.
10. Piesse, J., Conradie, B., Thirtle, C., Vink, N., 2018. Efficiency in wine grape production: comparing old and new regions of South Africa. *Agricultural Economics* 49(2): 203-212.
11. Galloway, C., Conradie, B., Prozesky, H., Esler, K., 2018. Opportunities to improve sustainability on commercial pasture-based dairy farms by assessing environmental impact. *Agricultural Systems* 166:1-9.
12. Kapya, D., Conradie, B., Black, A., 2018. Can agro-processing lead re-industrialization in Sub-Saharan Africa? A two-stage approach to productivity analysis. *African Journal of Agricultural and Resource Economics* 13(3):199-208.
13. Conradie, B., Piesse, J., Thirtle, C., Vink, N., 2018. Labor Demand in the Post-apartheid South African Wine Industry. *Journal of Agricultural Economics* 69(3): 815-832.
14. Conradie, B., Nattrass, N., 2017. The robustness of self-report data on predation: A comparison of two Karoo surveys. *African Journal of Agricultural and Resource Economics* 12(3): 217-229.
15. Conradie, B.I., 2016. The implications of a weak public extension service for the productivity performance of Karoo agriculture. *South African Journal of Agricultural Extension* 44(2): 99-109.
16. Conradie, B.I., Piesse, J., 2016. Ranking perceived risk to farmers: How important is the environment? *African Journal of Agricultural and Resource Economics* 11(4): 263-276.
17. Dyer, M., Mills, R., Conradie, B., Piesse, J., 2015. Harvest of Hope: The contribution of peri-urban agriculture in South African townships. *Agrekon* 54(4): 71-84.
18. Conradie, B., Piesse, J., 2015. Productivity benchmarking of free-range sheep operations: Technical efficiency, correlates of productivity and dominant technology variants for Laingsburg, South Africa. *Agrekon* 54(2):1-17.
19. Conradie, B.I., Landman, A.M., 2015. Wool versus mutton in extensive grazing areas. *South African Journal of Agricultural Extension* 43(1):22-31
20. Nattrass, N., Conradie, B., 2015. Jackal Narratives: The politics and science of predator control in the Western Cape, South Africa. *Journal of Southern African Studies* 41(4): 753-771.
21. Nattrass, N., Conradie, B., Conradie, I., 2015. The Koup fencing project: Community-led job creation in the Karoo. *African Journal of Agricultural and Resource Economics* 10(2): 131-145.
22. Conradie, B., Piesse, J., Thirtle, C., Vink, N., Winter, K., 2013. Explaining declining total factor productivity in the Karoo districts of the Western Cape, 1952 to 2002 *Agrekon* 52(S1): 1-23.
23. Conradie, B., Treurnicht, M., Esler, K., Gaertner, M., 2013. Determinants of participation in a landscape-scale conservation initiative on the Agulhas Plain, Cape Floristic Region. *Biological Conservation* 158: 334 – 341.
24. Conradie, B.I., Piesse, J., 2013. The effect of predator culling on livestock losses: Ceres, South Africa, 1979 – 1987. *African Journal of Agriculture and Resource Economics* 8(4): 265-274.
25. Garcia, M., Conradie, B., 2013. An estimate of the recreational value of the Agulhas Plain, South

- Africa, with special reference to the value of plant biodiversity. *South African Journal of Economics and Management Sciences* 16(2): 170-182.
26. Thom, A.E., Conradie, B.I., 2013. Urban agriculture's enterprise potential: Exploring vegetable box schemes in Cape Town. *Agrekon* 52(S1): 64-86.
  27. Conradie, B.I., 2012. Are hunting clubs the solution to small stock depredation? The case of Ceres, 1979 and 1980 *Agrekon* 51(1):96-113.
  28. Howells, M., Jonsson, S., Käck, E., Lloyd, P., Bennet, K., Leiman, A., Conradie, B., 2010. Calabashes for kilowatt-hours: Rural energy and market failure. *Energy Policy* 38(6): 2729-2738.
  29. Eggers, J., McEwan, A., Conradie, B., 2010. Pinus saw timber tree optimisation in South Africa: A comparison of mechanised tree optimisation (harvester/processor) versus current manual methods. *Southern Forests* 72(1):23-30.
  30. Conradie B., Piesse J., Thirtle, C., 2009. What is the Appropriate Level of Aggregation for Productivity Indices? Comparing District, Regional and National Measures. *Agrekon* 48(1): 9-20.
  31. Conradie B., Piesse J., Thirtle, C., 2009. District level total factor productivity in agriculture: Western Cape Province, South Africa, 1952 – 2002. *Agricultural Economics* 40(3): 265-280.
  32. Louw, K., Conradie, B., Howells, M., Dekenah, M., 2008. Determinants of electricity demand for newly electrified African households. *Energy Policy* 36(8): 2812-2818.
  33. Conradie, B., 2007. What do we mean when we say casualisation of farm work is rising? Evidence from fruit farms in the Western Cape. *Agrekon* 46(2): 173-197.
  34. Conradie, B., Cooksen G., Thirtle, C., 2006. Efficiency and farm size in Western Cape wine grape production: An enquiry into pooling small datasets. *South African Journal of Economics* 74(2): 334-343.
  35. Conradie, B., 2005. Wages and Wage Elasticities for wine and table grapes in South Africa. *Agrekon* 44: 138-156.
  36. Conradie, B., Hoag, D., 2004. A review of mathematical programming models of irrigation water values. *WaterSA* 30(3): 287-292.
  37. Conradie, B., Hoag, D., 1999. Increasing block prices and residential water demand: Challenges in estimation and practice. *Agrekon* 38: 425-432.
  38. Conradie, B., Eckert, J., Kleyhans, T., Griessel, H., 1996. Apple production systems for small-scale in the Western Cape. *Agrekon* 35: 1-11.

### **International conferences**

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1. Thirtle, C., Conradie, B., Piesse, J., Vink, N., 2018. Efficiency in old and new wine regions. Leader and follower advantage in technologies? Chinese Economic Association (Europe/UK) Conference, Peking University, 13-14 April.
2. Piesse, J., Conradie, B., Thirtle, C., Vink, N., 2018. Labour demand in the post-apartheid South African Wine Industry. Chinese Economic Association (Europe/UK) Conference, Peking University, 13-14 April.
3. Conradie, B., Piesse, J., Thirtle, C., Vink, N., 2016. Efficiency of old and new wine growing regions: Towards international comparisons. 10th annual conference of the American Association of Wine Economists. Bordeaux, France, 21-25 June.
4. Natrass, N, Conradie, B., 2014. Jackal narratives and predator control in the Karoo South Africa, with implications for farm level productivity. 9th World Merino Conference, Stellenbosch South

Africa, 29 April -1 May.

5. Conradie, B., 2014. Predator Problems and Practices: Karoo Predator Project at Baseline. 9th Africa Farm Management Congress, Cape Town, 16-20 November.
6. Cooksen, G., Conradie, B., Thirtle, C., 2006. Efficiency and farm size in Western Cape wine grape production: An enquiry into pooling small datasets. 26th conference of the International Association of Agricultural Economists. Gold Coast, Queensland, Australia, 12-18 August.
7. Howels, M., Louw, K., Conradie, B., Käck, E., Jonsson, S., 2005. An economic framework for energy transitions, Proceedings of the International Conference on the Domestic Use of Energy, Cape Town, 29 – 31 March.
8. Conradie, B., Hoag, D., 2003. The cost of meeting equity: Opportunity cost in the Fish-Sundays Scheme of South Africa. 25th International Conference of Agricultural Economists, Durban, 16-22 August.
9. Conradie, B., Frasier, M., Hoag, D., 1998. Increasing Block Pricing and Residential Water Demand: Challenges in Estimation and Practice. Intern-Conference Symposium of the International Association of Agricultural Economists, Badplaas, 10-16 August.

### Local conferences

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1. Conradie, B., Strauss, J., Wagner, N. 2019. Voeg lupiene waarde toe in die Swartland? Jack Human Week, Bewaringslandbou, Weskaap, 6-7 August.
2. Conradie, B., 2019. The financial and extension implications of a 30% land redistribution target for one Karoo community. Presented at the 53rd annual conference of the South African Society for Agricultural Extension, Sol Plaatje University, Kimberley, 9-11 July.
3. Marais, F., Bastian, R., Germishuys, H., Conradie, B., 2018. Determinants of success in small grain production (an application of TFP analysis). 9th Annual Departmental Extension and Advisory Service Symposium. Club Mykanos, 18 July.
4. Wustro, I., Conradie, B., 2018. How stable are farmers risk perceptions? A follow up study of one community in the Karoo. 56th annual conference of the Agricultural Economics Association of South Africa, Somerset West, 25-27 September.
5. Oosthuizen, M., Conradie, B., 2018. Preliminary indications of the negative effects of climate change on the West Coast wine industry's performance. 56th annual conference of the Agricultural Economics Association of South Africa, Somerset West, 25-27 September.
6. Conradie, B., 2018. Human dimensions of the drought in the Central Karoo. Invited address, Arid Zone Ecology Forum, Robertson, 18 October. **KEY NOTE**
7. Conradie, B., 2018. Guidelines for the commercialisation of smallholder sheep farming: Lessons from the Karoo for former homelands of the Eastern Cape. 52nd annual conference of the South African Society for Agricultural Extension, East London, 5-7 June.
8. Conradie, B., Piesse, J., Thirtle, C., Vink, N., 2017. The Cape wine industry's demand for labour in the post-apartheid period. 55th Annual Conference of the Agricultural Economics Association of South Africa, Durban, 19-21 September.
9. Conradie, B., 2017. The Cape Wine Industry's past and future contribution to growth. 40th SASEV conference, Simondium, 29-31 Augustus 2017. **KEY NOTE**
10. Conradie, B., Nattrass, N., 2016. The potential for land reform in the Central Karoo. Karoo Futures Colloquium, STIAS Stellenbosch, November.

11. Gerwel, H., Conradie, B., 2016. Determinants of efficiency of emerging farms: The case of wool in Transkei/Ciskei and interventions by the National Wool Growers Association. 54th annual conference of the Agricultural Economics Association of South Africa, Muldersdrift, Gauteng, 14-16 September.
12. Galloway, C., Conradie, B., 2016. Total factor productivity on commercial dairy farms, and how it relates to sustainability. 54th annual conference of the Agricultural Economics Association of South Africa, Muldersdrift, Gauteng, 14-16 September.
13. Namome, C., Conradie, B., Van Walbeek, C., Leiman, T., 2016. Productivity differentials of tobacco and non-tobacco farms in Uganda. 54th annual conference of the Agricultural Economics Association of South Africa, Muldersdrift, Gauteng, 14-16 September.
14. Conradie, B.I., 2016. Who fears what? An empirical investigation of the homogeneity of Karoo farmers' fears in 2012. 50th Commemorative conference of the South African Society for Agricultural Extension. Centurion, 5-8 June.
15. Dubrovsky, D.W., Vink, N., Piesse, J., Thirtle, C., Conradie, B., 2015. Agency cost and allocative efficiency: A case study of South African grain farms. 53rd annual conference of the Agricultural Economics Association of South Africa, Parys, North West, 30 September-2 October.
16. Gerwel, H., Conradie, B., Black, A., 2015. Spatial pattern of agricultural performance in the Eastern Cape Province of South Africa, 2002. 53rd annual conference of the Agricultural Economics Association of South Africa, Parys, North West, 30 Sept-2 Oct.
17. Van Niekerk, H., Conradie, B., Piesse, J., 2015. A study of group dynamics in the South African dairy industry: A sequential Malmquist approach. 53rd annual conference of the Agricultural Economics Association of South Africa, Parys, North West, 30 Sept-2 Oct.
18. Dyer, M., Mills, R., Conradie, B., Piesse, J., 2015. Total factor productivity of agriculture on the urban periphery of Cape Town. 53rd annual conference of the Agricultural Economics Association of South Africa, Parys, North West, 30 Sept-2 October.
19. Conradie, B., Piesse, J., 2014. Productivity benchmarking for extensive sheep farms: Technical efficiency, correlates of productivity and dominant technology variants for Laingsburg, South Africa. 52nd annual conference of the Agricultural Economics Association of South Africa, Mpekweni Beach Resort, Port Alfred, 1 October.
20. Lee, S., Lindeque, D., Conradie, B., 2014. The productive value of farmland in Gauteng with implications for land reform. 52nd annual conference of the Agricultural Economics Association of South Africa, Mpekweni Beach Resort, Port Alfred, 29 September.
21. Conradie, B., Natrass, N., 2014. Predator problems and practices: Karoo Predator Project at baseline. Arid Zone Ecology –Thicket Fusion Forum, Grahamstown, 8-11 September.
22. Natrass, N, Conradie, B., 2014. Jackal narratives and predator control in the Karoo South Africa. Arid Zone Ecology –Thicket Fusion Forum, Grahamstown, 8-11 September.
23. Black, A., Conradie, B., Gerwel, H., 2013. Growing trees in the desert: Declining Government Agricultural Spending and The Unfavorable Context for Land Reform. Land Divided: Land and South African Society in 2013, in comparative perspective. University of Cape Town, 24-27 March.
24. Thom, A. Conradie, B., 2012. Urban agriculture's enterprise potential: The demand for and viability of vegetable box schemes in Cape Town. Paper presented at the 50th annual conference of the Agricultural Economics Association of South Africa, Bloemfontein.
25. Conradie, B., 2012. Is lethal control of predators an effective strategy against livestock losses?: Ceres hunting club, 1979 to 1987. South African Wildlife Management Association conference,

Klein Kariba, 17-20 September.

26. Midgley, A., Conradie, B., 2012. The viability of sustainable wildflower harvesting as a business opportunity. Fynbos Forum, Cape St Francis, 17-19 July 2012.
27. Conradie, B., 2012. Teaching for Difference: The Case for Undergraduate Research. 1st Teaching and Learning Conference at the University of Cape Town, 25 October.
28. Conradie, B., 2011. The vicious circle hypothesis tested for sheep depredation: Ceres, 1979 – 1984. Arid Zone Ecology Forum, Nieuwoudtville, 3-6 October.
29. Conradie, B., 2011. Are hunting clubs the solution to sheep depredation in South Africa? 49th annual conference of the Agricultural Economics Association of South Africa, Wapadrand, Gauteng.
30. Joubert, J., Keen, J., Conradie, B., 2011. Economic viability of wind turbines for Western Cape farms, using Germany's example. Economics Society of South Africa, Stellenbosch.
31. Garcia, M., Conradie, B., 2011. Can responsible tourism unlock potential nature-based tourism revenue in Agulhas? Fynbos Forum, Still Bay, 31 May – 3 June.
32. Conradie, B., Treurnicht, M., Gartner, M., Esler, K., 2010. Conservation begins after breakfast: A logit model of landholder attitudes to conservation on the Agulhas Plain, CFR. 48th annual conference of the Agricultural Economics Association of South Africa, Cape Town.
33. Conradie, B., Nortje, B., 2010. Landholder perspectives on the threats to their survival on the Agulhas Plain. Fynbos Forum, Citrusdal, 3-6 August.
34. Conradie, B., Knoesen, H., 2010. Are we creating false expectations about the employment potential of the wildflower industry? Fynbos Forum, Citrusdal, 3-6 August.
35. Knoesen, H., Conradie, B., Bailey, R., 2009. Is sustainable harvesting of wild fynbos profitable? Fynbos Forum, Bredasdorp, 4-7 August.
36. Conradie, B., 2008. Interpreting the NAMC recommendations for the bee industry. Beekeepers Conference (BEECON), Honeywood Heidelberg, 17-19 July.
37. Pym, J., Fourie, C., Paxton, M., Conradie, B., 2008. Is Commerce AD worth it? 1st South African conference on the first-year experience, Stellenbosch. 8-10 September.
38. Grieve, J., Conradie, B., 2008. Biofuels as the next big switch: The feasibility of a South African biofuels industry. 46th annual conference of the Agricultural Economics Association of South Africa, Windhoek, Namibia.
39. Conradie, B., 2008. The decision to employ women on wine farms: A study of wine farms during the five years after the introduction of statutory minimum wages. DPRU conference, Muldersdrift, Gauteng, 27-29 October.
40. Conradie B., Thirtle, C., Piesse, J., 2007. What is the Appropriate Level of Aggregation for Productivity Indices? Comparing District, Regional and National Measures. 45th annual conference of the Agricultural Economics Association of South Africa, Johannesburg.
41. Conradie, B., 2006. What do we mean when we say that casualisation of farm work is rising?: Evidence from the Hex 1976 – 2005. 44th annual conference of the Agricultural Economics Association of South Africa, Grahamstown, 21-22 September.
42. Conradie, B., 2004. The effect of the level of the agricultural minimum wage in the Western Cape wine industry after one year. 42nd annual conference of the Agricultural Economics Association of South Africa, Somerset West, 21-23 September.

## **Books and book chapters**

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1. Black, A, Conradie, B, Gerwel, H., 2016. Is there a case for a greater support for agriculture? Chapter 9 in (ed) A. Black, "Towards employment intensive growth in South Africa" UCT Press.
2. Conradie, B., 2008. Opportunities for reforming the water sector: The case of the Fish-Sundays Scheme of the Eastern Cape. Chapter 6 in: Poverty and Water – Explorations of the reciprocal relationship, Hemson et al (eds). International studies in poverty research, CROP, Zed Books, New York. ISBN: 978 1 84277 961 3.
3. Conradie, B., 2002. The value of water in the Fish-Sundays Scheme of the Eastern Cape. Water research Commission report 987/01/02. ISBN: 1 86845 931 4.

## **Working papers and selected technical reports**

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1. Conradie B., 2018. Droogte knel Karoo produksie. Working paper 425 of the CSSR, University of Cape Town.
2. Galloway, C. Prozesky, H., Conradie, B., Esler, K., 2018. Perceptions and adoption of sustainable dairy practices in the Eastern Cape. Working paper 421 of the CSSR, University of Cape Town.
3. Conradie B., 2018. Comparing efficiency estimates from familiar stochastic frontier models. Working paper 420 of the CSSR, University of Cape Town.
4. Conradie, B., 2017. A review of stochastic production functions with inefficiency models for extensive livestock with an application to the Karoo. Working paper 406 of the CSSR, University of Cape Town.
5. Nattrass, N., Conradie, B., O’Riain, J., Drouilly, M., 2017b. Understanding the black-backed jackal. Working paper 399 of the CSSR, University of Cape Town.
6. Nattrass, N., Conradie, B., O’Riain, J., Drouilly, M., 2017a. A brief history of predators, sheep farmers and government in the Western Cape, South Africa. Working paper 398 of the CSSR, University of Cape Town.
7. Nattrass, N., Conradie, B., Conradie, I., 2014. The Koup fencing project: Community-led job creation in the Karoo. Working paper 345 of the CSSR, University of Cape Town.
8. Conradie, B., Piesse, J., 2014. Productivity benchmarking for extensive sheep farms: Technical efficiency, correlates of productivity and dominant technology variants for Laingsburg, South Africa. Working paper 344 of the CSSR, University of Cape Town.
9. Nattrass, N., Conradie, B., 2013. Jackal narratives and predator control in the Karoo. Working paper 324 of the CSSR, University of Cape Town.
10. Odendaal, R, Morar, J., Conradie, B., 2013. A cost benefit analysis of a technology bundle aimed at improving the resilience of urban households in Rocklands Mitchells Plain. Working paper 332 of the CSSR, University of Cape Town.
11. Conradie, B.I., Landman, A.M., 2013. A comparison of the performance under field conditions of woolled and mutton sheep flocks in a low rainfall region of South Africa. Working paper 331 of the CSSR, University of Cape Town.
12. Bailey, A., Conradie, B.I., 2013. The effect of predator culling on livestock losses: Caracal control in Cooper hunting club, 1976 – 1981. Working paper 320 of the CSSR, University of Cape Town.
13. Conradie, B.I., Piesse, J., 2013. The effect of predator culling on livestock losses: Ceres, South Africa, 1979 – 1987. Working paper 319 of the CSSR, University of Cape Town.
14. Thom, A.E., Conradie, B.I., 2012. Promoting urban agriculture for development: Suggestions for

designing the 'ideal' social enterprise box scheme in Cape Town. Working paper 316 of the CSSR, University of Cape Town.

15. Thom, A.E., Conradie, B.I., 2012. Urban agriculture, social enterprise and box schemes in Cape Town. Working paper 310 of the CSSR, University of Cape Town.
16. Garcia, M., Conradie, B., 2010. Nature-based tourism on the Agulhas Plain: A vehicle for integrated biodiversity conservation and sustainable economic development. Working paper 280 of the CSSR, University of Cape Town.
17. Conradie, B., 2010. Farmers' views of landscape initiatives: The case of the Agulhas Plain, CFR. Working paper 278 of the CSSR, University of Cape Town.
18. Knoesen, H., Conradie, B., 2009. Is ecological sustainability financially sustainable? The case of Flower Valley Farm on the Agulhas Plain, South Africa. [www.flowervalley.co.za](http://www.flowervalley.co.za)
19. Conradie, B., Knoesen, H., 2009. A survey of the cultivation and wild harvesting of fynbos in South Africa. Report to the Protea Producers of South Africa [www.flowervalley.co.za](http://www.flowervalley.co.za)
20. Conradie, B., Piesse, J., Thirtle, C. (2008) Total Factor Productivity at the District Level for the Western Cape, 1952 - 2002: Data and Methods. Working paper 50, Research papers Kings College London.
21. Conradie, B., Nortje, B., 2008. Survey of beekeeping in South Africa. Working paper 221 of the CSSR, University of Cape Town.
22. Conradie, B., 2004. Wages and wage elasticities for wine and table grapes in South Africa. SALDRU working paper 50, CSSR, University of Cape Town Centre for Social Science Research.
23. Conradie, B., 2003. Labour wages and minimum wage compliance in the Breerivier valley six months after the introduction of minimum wages. Working paper 51 of the CSSR, University of Cape Town.
24. Marais, C., Turpie, J., Mullins, D., Conradie, B., Khan, A., Goldin, J., Van Zyl, H., Grobbelaar, E., Vink, N., Ndzinge, V., 2001. A cost benefit analysis framework for the National Working for Water Programme. Water Affairs, Pretoria.
25. Conradie, B., Goldin, J., Leiman, A., Standish, B., Visser, M., 2001. Competition Policy and Privatisation in the South African Water Industry. DPRU Working Paper 01/45.

### **Selected academic seminars and workshops**

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1. Conradie, B., 2019. Land use and redistribution in the arid west: The case of Laingsburg magisterial district. CSSR seminar, 16 July.
2. Conradie, B., 2018. Productivity benchmarking to strengthen extension service delivery. CSSR seminar, 8 May.
3. Conradie, B., 2017. Do self-reported losses vary with the intensity of a human-wildlife conflict? Joint CSSR and iCwild seminar, 30 May.
4. Nattrass, N., Conradie, B., Conradie, I., 2014. The Koup fencing project: Community-led job creation in the Karoo. CSSR seminar, 7 October.
5. Conradie, B., 2013. Economies of scale, predation and the profitability of sheep farming in Laingsburg. CSSR seminar, 28 August.
6. Conradie, B., 2012. Is lethal control of predators an effective strategy against livestock losses? Zoology Department seminar series, 10 October.

7. Garcia, M., Conradie, B., 2011. The value of nature-based tourism and demand for responsible tourism on the Agulhas Plain. CSSR seminar series, 21 July.
8. Conradie, B. Piesse J., Thirtle, C., 2009. Disaggregated TFP growth for the Western Cape. Saasveld Research Club, 9 June.
9. Conradie, B. Piesse, J., Thirtle, C., 2007. Total factor productivity indices for the Western Cape, 1952-2002. Feedback to the National Agricultural Marketing Council, 10 December.
10. Conradie, B., 2007. Long and short run wage elasticities for the Breede, 2003 to 2007. CSSR seminar series, 7 December.
11. Conradie, B., 2006. Evidence of casualization in table grapes. School of Economics seminar series, 20 March.
12. Conradie, B., 2005. Wages and wage elasticities for wine and table grapes. School of Economics seminar series, 11 April.
13. Conradie, B., 2003. Experience with minimum wages in the Breerivier valley. School of Economics seminar series, 2 October.

## Outreach

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### 1. Popular and semi-popular articles

- a. Genis, A. 2018. Byt klimaatsverandering al die Weskus-wynbedryf? Landbouweekblad p36, 7 Desember.
- b. Conradie, B., 2018b. Its dry and its getting tougher. Staying productive in the drought affected Central Karoo. Red Meat/Rooivleis 9(5): 92-95.
- c. Conradie, B., 2018a. It is dry but you can farm it. Drought affected productivity benchmarking updates for the Karoo Red Meat/Rooivleis 9(4): 84-87.
- d. Conradie, B., Natras, N., 2017. The jackal files: Contested historical narratives of predator management in South Africa. With Nicoli Natrass. Red Meat/ Rooivleis 8(5): 70-71.
- e. Conradie, B., 2017b. 'n Nuwe kosteberaming vir predasieverliesse in die Karoo. Red Meat/ Rooivleis 8(4): 48-5.
- f. Conradie, B., 2017a. Productivity benchmarking – Laingsburg case study on sheep farmers. Red Meat/ Rooivleis 8(1): 54-58.
- g. Conradie, B., 2016. Bevindinge uit die Laingsburg bestuursopname van die Karoo Predasie Projek, Rondtes 1-3: 'n Fokus op produktiwiteit. [www.cssr.uct.ac.za/karoo-predator-project](http://www.cssr.uct.ac.za/karoo-predator-project)
- h. Conradie, B., 2015b. Effective predator control. Wool Farmer 3(4): 48-49.
- i. Conradie, B., 2015a. Is culling effective? Red Meat/ Rooivleis 6(5): 49-52.
- j. \_\_\_\_, 2015. Which pays better: Wool or mutton? Farmers Weekly p 28-29, 9 October.
- k. \_\_\_\_, 2015. Skiet op rooikatte dan maai hulle eers. Die Burger front page, 23 Junie.
- l. \_\_\_\_ 2014. The truth about jackal tales. Farmers Weekly, 21 March.
- m. Genis, A., 2013. Landbou-ekonome se invloed strek wyd. Landbouweekblad, 9 September.
- n. \_\_\_\_ 2013. Money matters most in saving land. Cape Argus, 22 January.
- o. \_\_\_\_ 2014. Fish Hoek Experiment: Shark nets may become permanent. Cape Times, 14 May.
- p. Treurnicht, M., Esler, K., Gaertner, M., Conradie, B., 2010. Wildflower farming on the Agulhas Plain. Veld and Flora September.
- q. Conradie, B., 2008. Shaping the future of the bee industry a summary report. The South African Bee Journal 80(3): 75-82.
- r. Conradie, B. 2007. Verskille in die benadering tot arbeid op groot en klein wynplase. CSSR incidental paper, University of Cape Town [www.uct.ac.za/CSSR/](http://www.uct.ac.za/CSSR/)
- s. Conradie, B., 2005. Arbeidstendense op wyn-en tafeldruifplase na die instelling van die

- minimum loon. CSSR incidental paper, University of Cape Town [www.uct.ac.za/CSSR/](http://www.uct.ac.za/CSSR/)
- t. Conradie, B. (2006) Vooruitsigte vir minimum lone vir die landbou, wat boere daarvan dink en hoe dit hulle arbeidsbesluite affekteer. CSSR incidental paper, University of Cape Town [www.uct.ac.za/CSSR/](http://www.uct.ac.za/CSSR/)
2. *Policy briefings:*
- a. National Wool Growers' Association (Western Cape) on grazing conditions in the Karoo. Contact: Cobus Uys, venue Aan de Doorns Winery, Worcester, 31 January 2018.
  - b. Agri Western Cape chairman (Cornie Swart) and CEO (Carl Oppermann) on the crisis in the Karoo. Contact: Dean Gouws. The Deli, Beaufort West, 8 November 2017.
  - c. Alan Winde, MEC for Economic Opportunities in the Western Cape on the drought and economic situation in the Central Karoo. Long Street Offices, Cape Town, 16 October 2017.
  - d. Knersvlakte Nature Reserve Advisory Committee about the impact of predators on farming performance in extensive areas. Contact: Adriaan Fortuin. Nieuwoudtville, 12 July 2013.
  - e. Predator Management Forum about predator management research on farmland. Contact: Thys Delpport, Worcester, 7 August 2012.
  - f. Gerrit van Rensburg, Western Cape MEC of Agriculture about predator management. Contact: Thys Delpport. Elsenburg, 7 September 2012.
  - g. Knersvlakte Nature Reserve Advisory Committee about Strandveld farmers' views of conservation. Contact: Adriaan Fortuin. Nieuwoudtville, 30 November 2010.
3. *Selected invited talks*
- a. Wat doen die droogte aan die gemeenskap? *Land Care* Droogte werkswinkel, Prince Albert, 28 November 2017.
  - b. Monitoring the socio-economic impact of public works programmes. SANBI's Landscape Initiative Knowledge Exchange. Kleinmond, 27 October 2015.
  - c. Die Koup Projek en hoeveel skuld moet die jakkals kry? Agterpakhuis Landbouvereniging velddag, Biedouvallei, 25 August 2015.
  - d. The social impact of a landscape initiative's job creation programme: The case of the Koup EPWP. Agulhas Biodiversity Initiative AGM, van Brakelstoor (Napier), 24 June 2015.
  - e. Die Koup projek – wat kan gebeur wanneer grondeienaars en navorsers mekaar vind. Red Meat Producers Organisation AGM, Laingsburg, 11 June 2015.
  - f. Die impak van roofdiere op skaapboerdery 2012 & 2013. Mortimer Farmers Association (Cradock), 4 February 2015.
  - g. Productivity benchmarking with Data Envelopment Analysis. Economics Section, Western Cape Department of Agriculture, Elsenburg, 16 October 2014.
  - h. Hoe groot is die hap wat die jakkals vat? Koup Farmers' Group, Laingsburg, 7 June 2013.
  - i. Economic principles of private predator control decisions. Predator Management Workshop, Ganzekraal, 7 March 2013.
  - j. Are hunt clubs the solution to the Karoo's predator problems? Predator Management Workshop, Beaufort West, 20 October 2011.
  - k. Tourism values on the Agulhas Plain. AGM of Agulhas Tourism, Arniston, 25 July 2011.
  - l. A possible explanation for the conflict between agriculture and conservation. Cape Nature Stewardship Reference Group. McGregor, 27 February 2011.
  - m. "The demand for farmland in the Breede River Valley" and "How agriculture views conservation". CAPE Landscape Initiative Knowledge Exchange. Slanghoek, 24 November 2010.
  - n. Can wildflower harvesting deliver the outcomes that conservation expects of the industry? Cape Nature Sustainable Harvesting Steering Group, Hermanus, 24 April 2010.
  - o. An economists' view of the environment. SAON student networking event, De Hoop Nature Reserce, 27 July 2008.
  - p. Die invloed van arbeidswette op die vraag na arbeid in die Hex – voordeel of nadeel? Management workshop of the Koue Bokkeveld Opleidingsentrum, May 2007.