

Curriculum vitae of Laura Maureen Bosch Pereira

Department of Environmental and Geographical Sciences, University of Cape Town

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Nationality: South African/Portuguese Date of birth: 18 February 1985

Education

2007-2012: St Hilda's College, Oxford University, UK

DPhil in Geography and the Environment

Thesis title: *Private sector adaptive capacity to climate change impacts in the food system: food security implications for South Africa and Brazil*

MSc Nature, Society and Environmental Policy

Dissertation title: *A Commodity chain analysis of hoja de coca in Colombia* Distinction

Option courses: Environmental Economics, People and the Environment in Latin America, Global Food, Contemporary issues in Human Geography, Environment and Development

2003-2007: University of the Witwatersrand, South Africa

BSc (Zoology, Ecology, Law) Distinction

BSc Honours (Ecology) Distinction

Dissertation title: *Nitrogen input-output dynamics in agricultural systems in southern Africa*

Option courses: Global Change, Range limitation, Adaptive Herbivore Ecology

Law major: Criminal, Delict, Contract, Constitutional, Business Entities, Human Rights, Customary Law, Persons and Family Law, Roman Law

Post-graduate Science diploma courses: Environmental and Sustainable Development law, Biodiversity Conservation, Environmental Chemistry, Global Environmental Change

1990-2002: Roedean School, South Africa

Matric (Higher Grade) Distinctions in:

English, Afrikaans, Maths, Physical Science, Biology, Latin, French

Languages

English: Native Afrikaans: Proficient Spanish: Intermediate Portuguese: Intermediate

French: Conversational Italian: Beginner

Current position:

Researcher at the Centre for Complex Systems in Transitions, Stellenbosch University

Co-Founder of start-up consultancy called FEW4ALL: <http://www.few4all.net/>

Committee member of Mangaeng Developers for Science and Engineering, a not-for-profit that aims to improve science education for children in underprivileged areas of South Africa

Previous positions:

2013-2015: Post-doctoral research fellow at the University of Cape Town, School of Environmental and Geographical Sciences.

September 2013: Lecturer for 'Environment and Development' module for Kulturstudier

Exchange programme on Global Environmental Management in Cape Coast, Ghana Duties included designing and teaching 10 2 hour lectures over 2 weeks to an interdisciplinary group of students from Europe and Ghana.

September 2012- September 2013: Giorgio Ruffolo post-doctoral research fellow and Gundle

South African Public Service fellow in Sustainability Science at the Kennedy School of Government, Harvard University. Research involved looking at the innovation system around orphan crops in sub-Saharan Africa with a particular focus on value addition using the case of cassava bread in Nigeria.

Jan 2013 – May 2013: Teaching fellow for Harvard College ESPP 10 course on Water Policy run by Prof John Briscoe.

Sept 2012 – Dec 2012: Teaching Fellow for Harvard College ESPP 90 course entitled Biotechnology, Sustainability and Public Policy run by Prof Calestous Juma.

Aug 2012: Short-term contract to help construct the CCAFS Big Facts project:
<http://ccafs.cgiar.org/bigfacts/>

2011-2012: Future Agricultures Consortium (FAC) Early Careers Research Fellow at the Institute for Development Studies

2012: Food security reading group leader for MSc courses in Geography at University of Oxford. This entailed putting together a course outline and guiding discussions on the reading material for the MSc students.

2011- 2012: Part-time undergraduate tutor in Environmental and Economic Geography and Food Security for Hertford College and St Catherine’s College Oxford. This entailed putting together course outlines, giving tutorials, marking essays and providing feedback for second year Geography undergraduates as well as visiting undergraduate students.

2011: OPUS tutor in Environmental Change at University of Oxford. This entailed designing a course outline in conjunction with the visiting student, giving tutorials and providing feedback on essays.

2010 – 2012: London correspondent for Ubrain TV. This includes organising and conducting interviews related to energy/green technology/sustainability in Oxford and on occasions in London. I also assist in their annual awards ceremony on the Isle of Man and was in charge of building their online presence through blogging and twitter.

2011: Rapporteur and participant in “Building Food Systems Futures” workshop, Eversheds, 10 March, London.

2011: Chapter author for Global Water Intelligence report on Wastewater Management in South Africa

2011: Executive committee member organising the Global Scholars Symposium at Rhodes House, Oxford, May 6th-7th 2011. More information available:
<http://www.globalscholarsymposium.org/past-symposiums-1/media>

2011: Registered examinations invigilator for the University of Oxford

2010: Teaching assistant for MSc in Nature, Society and Environmental Policy at University of Oxford.

2009-2011: Tutor for first year geography students in statistics and a fieldwork leader to Scotland.

2009: Rapporteur and participant in the ‘Transformations’ workshop, 1-2 June, St Anne’s, Oxford.

2007: Volunteer in New Zealand for the Global Volunteer Network, working on carbon offsets

2006- 2007: Teaching assistant for Biological sciences, including first year medical students and various 2nd and 3rd year ecology courses, at the University of the Witwatersrand.

Publications

Journal articles

- Pereira, L., Karpouzoglou, T., Doshi, S, and Frantzeskaki, N. (2015). Organising a Safe Space for Navigating Social-Ecological Transformations to Sustainability, *International Journal of Environmental Research and Public Health* 12(6): 6027 – 6044.
- Pereira, L. (2015) The Role of Substantive Equality in Finding Sustainable Development Pathways in South Africa, *Journal of Sustainable Development Law and Policy*, 10: 147.
- Pereira, L.M., Cuneo, C.N. and Twine, W.C. (2014). Food and Cash: Understanding the role of the private sector in rural food security, *Food Security*, 6(3): 339-357.
- Pereira, L.M., Fontoura, Y. and Fontoura, C.F. (2013) Strategic corporate shifts towards adaptive good governance under environmental change: a comparison between South African and Brazilian Retailers, *Revista de Gestão Social e Ambiental*, n 1, v 7.

- Rivera-Ferre, M., Pereira, L., Karpouzoglou, T., Nicholas, K.A., Onzere, S., Waterlander, W., Mahomoodally, F., Vrieling, A., Babalola, F., Ummenhofer, C.C., Dogra, A., de Conti, A., Baldermann, S., Evoh, C. and Bollmohr, S. (2013) A vision for Transdisciplinarity in Future Earth: Perspectives of Young Researchers, *Journal of Agriculture, Food Systems and Community Development*, 3(1): 249- 260.
- Pereira, L.M., Owen-Smith, N. and Moleon, M. (2014) Facultative predation and scavenging by mammalian carnivores: seasonal, regional and intra-guild comparisons. *Mammal Review*, 44(1): 44-55.
- Pereira, L.M. (2013) The future of the food system: cases involving the private sector in South Africa, *Sustainability*, 5(3): 1234 – 1255.
- Pereira, L.M. (2012) Food security in a transforming system of global environmental change (GEC), Future Agricultures Policy Brief 54. Available at: <http://www.future-agricultures.org/policy-engagement/policy-briefs>
- Pereira, L.M. and Ruysenaar, S. (2012) Moving from Traditional Government to More Adaptive Governance: The Changing Face of Food Security Responses in South Africa, *Food Security*, 4: 41-58.
- Pereira, L. (2010) Becoming coca: a materiality approach to a commodity chain analysis of hoja de coca in Colombia. *Singapore Journal of Tropical Geography* 31(3): 384-400.

Book Chapters

- Eakin, H., Bohle, H-G., Izac, A-M., Reenberg, A., Gregory, P. and Pereira, L. (2010) Food, violence and human rights. In, Ingram, J., Ericksen, P. and D. Liverman (eds.) Food Security and Global Environmental Change. Earthscan. pp. 245-271
- Schilpzand, R., Liverman, D., Tecklin, D., Gordon, R., Pereira, L., Saxl, M and Wiebe, K. (2010) Governance beyond the state: non-state actors and food systems. In, Ingram, J., Ericksen, P. and D. Liverman (eds.) Food Security and Global Environmental Change. Earthscan. pp. 272-300.

Working Papers

- Pereira, L. and Wynberg, R. (2014) South Africa Chapter In Innovation for Society- How innovation is driven towards societal desirability through innovation policies, Report for FP7 Project “Progress”.
- Murthy, S., Pereira, L., Harley, A., Shemie, D., Lee, E., Guardabassi, P., Zhang, C and Moore, S. The role of Information and Communications Technology (ICT) in helping decision-makers meet food-energy-water (FEW) needs, Sustainability Science Program Working Paper 2013-02.
- Diaz-Anadon, L., Matus, K., Moon, S. et al (2014) Innovation and Access to Technologies for Sustainable Development: Diagnosing Weaknesses and Identifying Interventions in the Transnational Arena, Sustainability Science Program Working Paper, No 2014-01
- Chatterjee, L., Death, C., and Pereira, L. (2014). Sustainable development in India, Brazil and South Africa, QEH Working Paper 199, <http://www3.qeh.ox.ac.uk/pdf/qehwp/qehwps199.pdf>

Ongoing Projects

Guidance for Resilience in the Anthropocene: Investments for Development (GRAID)
Belmont Forum funded Southern African Food System Governance Project (SAFGOV)
Future Earth Fast Track Initiative “Bright Spots: Seeds of a Good Anthropocene”

Awards and Panels

2016: Keynote speaker at Mountain Futures Conference, Kunming China. 1-4th March 2016.

2015: Invited plenary panellist on Sustainable Development Goals at Transformations conference in Stockholm with Drs Andy Stirling and Marcela D'Souza

2015: GEO 6 Africa Report Lead Author

2015: IPBES Africa Regional Report Lead Author

2014: Selected to attend the 2014 STEPS Summer School at the Institute of Development Studies, University of Sussex.

2013: London regional finalist with Oxford University for the 2013 Hult Prize competition: <http://www.hultprize.org/en/prize-2013/prize-2013/>

2013: ICSU Young Scientist/World Social Science and Future Earth Fellow

2012: Giorgio Ruffolo and Gundle Fellowship in Sustainability Science at the Kennedy School of Government, Harvard

2011: Future Agricultures Consortium Early Career Fellowship

2009: Commonwealth Scholarship

2009: St Hilda's College Graduate Scholarship

2008: Oxford University Clarendon Scholarship

2008: Oppenheimer Memorial Trust Grant for postgraduate study

2007: University Council Merit Scholarship Award for overseas postgraduate study

2006: Final national selection round for South African Rhodes Scholarship

2006: Golden Key South Africa Student Leader Award

2006: John Twinch Memorial Prize in Plant Ecology for most outstanding student in plant ecology

2006: National University Debating Championship adjudication semi-finalist

2006: University Postgraduate Merit Scholarship Award

2005: Merit Award Scholarship

2005: Chosen to represent Wits Golden Key at Asia Pacific Conference, Sydney

2004: Merit Award Scholarship

2004: Placed 2nd and 3rd in two university Model UN debates

2003: Academic Excellence Scholarship

Conference Papers and Seminars

- Pereira, L.M. and Drimie, S. (2016), "Mapping Domains of Food Consumption: a conceptual tool for appreciating multiple perspectives within food system governance", ICAS Colloquium on Global governance/politics, climate justice & agrarian/social justice, International Institute for Social Studies, The Hague 4-5 February 2016.
- Pereira, L.M. and Gordon, L. (2015), Convenor of session entitled "Gastronomic landscapes: can the art of eating well enhance biosphere stewardship?" PECS conference, Stellenbosch, 3-5 November.
- Pereira, L.M. (2015) Special session convenor of "Seeds of Good Anthropocenes: The Game" at WIOMSA Symposium, Port Edward, 26-30 October.
- Jessica Cockburn, Laura Pereira, Vaughan Koopman, Jaci Van Niekerk, Georgina Cundill and Mathieu Rouget, (2015). Sweeteners for transformation: The coupled role of local champions and market pressure in sustainability transformations in the South African sugar industry, Transformations conference, Stockholm, 5-7 October.
- Pereira, L.M., Wynberg, R., Kaplan, D., Fontoura, Y. (2015). Exploring responsible innovation: Lessons from Agroecology and biotechnology in South Africa and Brazil, BICAS conference, University of the Western Cape, 20 April 2015.
- Pereira, L.M. (2014) Cassava Bread in Nigeria: A Case study on orphan crop innovation for sustainable development, Globelics Conference, Addis Ababa, 28th -31st October 2014
- Kennedy, K. and Pereira, L.M. (2014) The potential for traditional knowledge as innovation in the

- food system: a case study from the Wild Coast, South Africa, IARU Sustainability Science Congress, Copenhagen Denmark, 22nd – 24th October 2014.
- Pereira, L., Littaye, A., McGuire, A and Bom Frøst, M. (2014). Poster: A transdisciplinarity approach to food system transformation: chefs as innovators for agro-biodiversity. IARU Sustainability Science Congress, Copenhagen Denmark, 22nd – 24th October 2014.
- Pereira, L.M. (2014) How orphan crop innovation can provide a tool of systemic transformation in the food system, whilst building adaptation to climate change. Resilience Conference, Montpellier, 4th-8th May 2014.
- Pereira, L.M. (2014) Orphan crop innovation for transformation in the food system, PLAAS seminar, University of the Western Cape, 20th February.
- Pereira, L.M (2013) A Cassava Republic? Innovation for orphan crops, Global Food Security Conference, Noordwijkhout, The Netherlands, 29th September – 2nd October.
- Pereira, L.M (2013) Innovation for orphan crops, the case of cassava in Nigeria, Food Futures Networking Conference, Villa Vigoni, Italy, 15th – 20th April.
- Pereira, L.M. (2012) The Future of the Food System: cases involving the private sector in South Africa. International Farming Systems Symposium, Aarhus, Denmark. 1st-4th July.
- Pereira, L.M. (2012) Food security as business priority? Discussant and panel organiser at Saïd Business School, Oxford, 20th April 2012.
- Pereira, L.M. (2012) A new approach to understanding food security challenges in a transforming food system facing global environmental change, Planet under Pressure conference, London, 25th – 29th March 2012
- Pereira, L.M. (2012) Transforming the agrifood industry to develop rural livelihoods under global change, FAC Young People, Farming and Food conference, Accra, 19th – 21st March 2012
- Pereira, L.M. and Tantanasi, J. (2012) Convenors of a session entitled ‘Socio-ecological systems and adaptive governance,’ Association of American Geographers Annual Conference, New York, 24-28 February 2012.
- Pereira, L.M. (2012) Food and the private sector: a view from South Africa, Food security seminar series, Queen Elizabeth House, Oxford, 13th February 2012.
- Pereira, L.M. (2011) Climate change and agriculture, Economic Development Department’s (EDD) Annual Conference, Johannesburg, 30-31st May 2011.
- Pereira, L.M. (2011) Environmental Politics in Brazil, IBSA Hilary Term Seminar series, Queen Elizabeth House, Oxford.
- Pereira, L.M. (2011) Food security under climate change: building adaptive capacity in southern Africa, St Hilda’s College Greenfeast, Oxford, 9th March 2011.
- Pereira, L., Fontoura Y and Fontoura C. (2010) ‘Food security under climate change: comparing food retailers’ adaptation strategies in Brazil and South Africa.’ Berlin conference on the Human Dimensions of Global Environmental Change, Berlin, 8-9th October 2010.
- Pereira, L (2010) ‘Adaptive food governance in the private sector.’ RGS-IBG annual conference, London 1st – 2nd October 2010.
- Pereira, L and Chiarini, T (2010). ‘Understanding macroeconomic processes in the food system under climate change: a study of food prices in Brazil.’ Global Business and Technology Association Annual Conference, Kruger National Park, July 5th – 9th 2010.
- Pereira, L., Fontoura Y and Fontoura C. (2010). ‘Governance for food security under climate change: strategic shifts for the food retail sector in Brazil and South Africa.’ Global Business and Technology Association Annual Conference, Kruger National Park, July 5th – 9th 2010.
- Pereira (2009). ‘Becoming coca: A commodity chain analysis of *hoja de coca* in Colombia’ RGS-IBG Postgraduate Conference, Plymouth University, 6 March 2009.
- Pereira, L. and Scholes, M. (2009). ‘Nitrogen input/output dynamics in agricultural systems in southern Africa’ presented by Mary Scholes at the African Studies Symposium, Kansas

University 30th March – 1st April, 2009.
Oxford University representative at the LERU Bright Conference, 27 – 31st August 2009,
Universita degli studi di Milano, Milan.

Positions of Responsibility

2014-2015: UCT Postdoctoral Association (PDA) Chairperson: As 2014 marks the first year of the PDA, my responsibilities include liaising with University management to institutionalise representation of post-docs within University structures and to create a welcoming environment for all post-docs at the university.

2010-2011: St Hilda's College MCR President: As the elected representative of graduate students in college, I sat on Governing Body and represent St Hilda's at student union meetings. I was responsible for all non-academic matters to do with St Hilda's graduate students and I also liaised with other college presidents to keep up to date with university matters affecting graduate students.

2010-2011: Clarendon Council secretary: Role is to take minutes and to help the president with their executive functions.

2009 - 2010: Clarendon Council social secretary. Role is to organise various social events for Clarendon scholars in order to encourage more interaction and networking between colleges and faculties.

2009-2011: Oxford Gumboots Dance Troupe President: Role involves organising practices, teaching dances and co-ordinating gigs. This year we have been asked to perform at functions for the 2010 World Cup launch.

2009-2010: St Hilda's MCR Social secretary. Responsibility is to organise all college social events.

2008: St Hilda's MCR Vice-president. Responsibilities include supporting the president and brainstorming different MCR social and academic events and helping with the organisation of this. It also involves communicating with college and attending various alumni functions.

2008-2010: DPhil Geography representative. As well as representing DPhil concerns and issues on the School of Geography's various committees, this also involved organising a seminar series of distinguished lecturers in human and physical geography in January 2009. Represent DPhils on various committees in the department, including the departmental committee.

2008-present: Member of the South African Forum For Action (SAFFA) group of South African Scholars at Oxford. This group is guided by the Rhodes Trust principles of leadership, sense of responsibility and academic excellence and its aim is to debate and discuss events in South Africa, our commitment and contribution to our country as scholars as well as organising responses such as statements, panel discussions etc.

2007-2009: Hands Up For Darfur Society, Events Director.

Responsibilities include overseeing the fundraising and awareness event directors to ensure that events run smoothly and helping them with logistics and, for example, contacting relevant speakers for awareness events. Skills include event organisation, team co-ordination, time management and budgeting.

2006-2007: President of Wits Golden Key Chapter

This was a challenging leadership position in that it involved co-ordinating between the international organisation's mandate and the unique needs of the South African and more particularly, Wits students' needs. It involved much delegation to the rest of the committee, meeting and liaising with high-level individuals in the university and ensuring that all events ran smoothly. I was also involved in creating connections between the country office and members of the private sector that I had connected with for our corporate breakfast initiative that I launched during my time as the academic officer. I gained much experience in developing leadership skills in my team as well as learning a lot about myself as an individual and a leader.

2007: MSc class representative sitting on Graduate Studies Committee

2007: Adjudicator for SAIIA Schools Model UN debating tournament

2007: Secretary for Wits Model UN Society

2006: SAIIA schools tutor for Model UN debating

2005-2006: Student Representative Council Media Officer for Wits University

I was in charge of all media related to the SRC including publicising events and liaising with external media and working closely with the events team. This necessitated finding, organising and developing a sub-committee of 6 students to help with this portfolio. My responsibilities also extended to attending University Senate meetings as well as other university functions as a student representative, for example, I attended the Former African Presidents dinner organised by the Vice-Chancellor. As a committee we also attended various workshops including strategic planning and conflict resolution. It was a challenging, but rewarding experience and I gained many skills in team leadership and co-ordination, time and stress management, delegation and team development, interpersonal skills, negotiating different political and individual agendas, constructive engagement with key stakeholders, formal correspondence techniques and event organisation and marketing.

2005-2006: Vice-President of WITS Chapter of Golden Key
2004-2005: Academic Director for the WITS Chapter, Golden Key International Honour Society
2004-2005: Wits Hockey and Model UN Committee Secretary
2005: Part of 3-man Chief Adjudication Panel for WITS Debating Union
2004: Golden Key member- recognised as in top 15% of students in my Faculty
2004: WITS Model UN Committee Secretary
2004: Model UN South Africa adjudicator for the Northern Cape Provincial Model UN Schools
2004-2007: SACEE Schools debating adjudicator
2004: Lovelife debating adjudicator
2003-2011: South African Old Roedeanian Association (SAORA) Executive committee member. I am currently the UK representative and have organised reunion functions and built connections with Roedean School Brighton.

Sport and Cultural Activities

Current sports include competitive rowing,
Qualified CMAS 1* SCUBA diver

References

Dr Oonsie Biggs, Stockholm Resilience Centre, E-mail: oonsie.biggs@su.se
Assoc Prof Rachel Wynberg, University of Cape Town, E-mail: Rachel.wynberg@uct.ac.za
Prof Calestous Juma, Harvard Kennedy School, E-mail: calestous.juma@hks.harvard.edu
Prof Bill Clark, Harvard Kennedy School, E-mail: william_clark@harvard.edu
Prof. David Thomas, OUCE, Oxford University. E-mail: david.thomas@ouce.ox.ac.uk
Prof. Mary Scholes, AP&ES Department, Wits University. E-mail: mary.scholes@wits.ac.za