

CURRICULUM VITAE FOR PRECIOUS ZIKHALI

CAREER SUMMARY

Precious Zikhali is a Poverty Economist at the World Bank. She currently supports the poverty and inequality work program of the Bank covering Botswana, Lesotho, Namibia, South Africa and Swaziland. Prior to joining the Bank in 2013, she was a Director of Environmental Economics in the Microeconomic Policy Unit within the Economic Policy Division, National Treasury of South Africa where she was involved in inter-departmental efforts to incorporate green growth policies into the country's broader sustainable development agenda. She has worked as a researcher at the International Water Management Institute, the Centre for World Food Studies at the VU University Amsterdam in the Netherlands. She has also worked as a lecturer and researcher in the Department of Economics, University of Zimbabwe.

Precious Zikhali holds a PhD in Economics (with a specialization in Environmental Economics) from the University of Gothenburg, Sweden.

Her current research interests broadly include theoretical and applied empirical research that falls at the intersection of poverty, environment and development. This includes issues such as:

- Poverty analysis
- Policy, program and project impact evaluation
- Agriculture, food security and poverty alleviation
- Bio-economic modeling of renewable and non-renewable natural resource management

PERSONAL DETAILS

Nationality: Zimbabwean

Gender: Female

E-mail: pzikhali@worldbank.org and prehqabadela@gmail.com

EDUCATION

| Qualification | Institution | Year Awarded | Dissertation Title |
|--|----------------------------------|--------------|---|
| PhD in Economics (specialization in Environmental Economics) | University of Gothenburg, Sweden | 2008 | Land Reform, Trust and Natural Resource Management in Africa |
| MSc degree in Environmental and Development Economics | University of Oslo, Norway. | 2001 | The Implications of International Monetary Fund policy on Investment and Production in Zimbabwe |
| BSc (Hons) degree in Economics | University of Zimbabwe, Zimbabwe | 1999 | |

EMPLOYMENT HISTORY

| Name of institution | Position | Years employed |
|--|--|--------------------|
| World Bank | Poverty Economist | 08/2013 – to date |
| World Bank | Consultant | 04/2013 – 07/2013 |
| National Treasury, South Africa | Director: Environmental Economics, Microeconomic policy unit | 03/2012 – 03/2013 |
| International Water Management Institute (IWMI), Southern Africa Office, Pretoria, South Africa. | Post-Doctoral Fellow | 11/2010-02/2012 |
| Centre for World Food Studies (SOW-VU), VU University Amsterdam, The Netherlands. | Post-Doctoral Researcher | 12/2008-10/2010 |
| Department of Economics, Environmental Economics Unit, University of Gothenburg, Sweden. | Doctoral Researcher | 08/2003-to 11/2008 |
| Department of Economics, University of Zimbabwe, Zimbabwe | Lecturer | 2001-2003 |
| Consortium for Southern Africa Food Security Emergency (C-SAFE), Zimbabwe | Research Assistant | 2003 |
| International Labor Organization (ILO)-Zimbabwe | Research Assistant | 1999 |
| Intermediate Technology Development Group (ITDG)-Zimbabwe | Research Assistant | 1998 |

TEACHING EXPERIENCE

| | |
|------------|---|
| 2001-2003: | Second and Third year undergraduate Environmental Economics, University of Zimbabwe |
| 2002-2003: | Third year undergraduate Natural Resource Economics, University of Zimbabwe |
| 2001-2003: | Third year undergraduate Econometrics, University of Zimbabwe |

TRAINING COURSES/WORKSHOPS

| | |
|--------------------------|---|
| 13 May 2011: | A Methodology Workshop on 'Data collection for CAADP M&E in Southern Africa' organized by the Regional Strategic Analysis and Knowledge Support System for Southern Africa (ReSAKSS-SA) and the International Water Management Institute (IWMI). |
| 30 June – July 01, 2011: | A Regional Methodology Workshop on 'Strengthening Capacities to Monitor and Evaluate Agriculture Sector Performance, Growth and Poverty Trends in Southern Africa in the context of CAADP and SADC-RISDP' organized by the Regional Strategic Analysis and Knowledge Support System for Southern Africa (ReSAKSS-SA) and the International Water Management Institute (IWMI). |
| 4 – 8 July 2011 | Policy Briefs Writing Workshop No. 1. Pretoria, South Africa. |
| 26 – 30 September 2011 | Policy Briefs Writing Workshop No. 2. Pretoria, South Africa. |

POSTGRADUATE SUPERVISION: EXTERNAL EXAMINER

| Name of student | Title of dissertation/thesis | Degree | University | Year |
|---------------------|---|--------|-------------------------|------|
| Samsom Mukanjari | Evaluating the prospects of benefit sharing schemes in protecting mountain gorillas in central Africa | MSc | University of Cape Town | 2011 |
| Innocent R.P. Phiri | Modelling farmers' choice of adaptation strategies towards climatic change and weather variability: Empirical evidence from Chikhwawa District, Southern Malawi | MSc | University of Malawi | 2012 |

PUBLICATIONS

PEER REVIEWED ARTICLES

- A22.** Liu, Y., Xiao, H., **Zikhali, P.**, and Lv, Y. (2014). Carbon Emissions in China: A Spatial Econometric Analysis at the Regional Level. *Sustainability* 6: 6005-6023.
- A21.** Liu, Y., Huang, J., and **Zikhali, P.** (2014). The use of human excreta as organic fertilizer in rural China. *Journal of Integrative Agriculture*, 13(2): 434-442.
- A20.** Matshe.I, Moyo-Maposa, S, and **Zikhali, P.** (2013). Water poverty and rural development: Evidence from South Africa. *African Journal of Agricultural and Resource Economics*, 8(2): 136-156.
- A19.** Mukanjari, S., Bednar-Friedl, B., Muchapondwa, E., and **Zikhali, P.** (2013). Evaluating the Prospects of Benefit Sharing Schemes in Protecting Mountain Gorillas in Central Africa. *Natural Resource Modeling*, 26(4): 455-479.
- A18.** Bangwayo-Skeete, P.F., Rahim, A.H., and **Zikhali, P.** (2013). What determines workers' preferences for efficiency over equity wages? *Journal of Economic Studies*, 40(5): 600-613.
- A17.** Ncube, M., **Zikhali, P.** and Musango, J.K. (2013). The impact of climate variability on water and energy demand: the case of South African local governments. *Water and Environment Journal*, 27(1): 29-41.
- A16.** Bangwayo-Skeete, B.F., Bezabih, M. and **Zikhali, P.** (2012). Crop biodiversity, productivity and production risk: Panel data micro-evidence from Ethiopia. *Natural Resources Forum*, 36(4): 263-273.
- A15.** **Zikhali, P** and Chilonda, P. (2012). Explaining productivity differences between beneficiaries of Zimbabwe's Fast Track Land Reform Program and communal farmers. *Agrekon*, 52(4): 144-166.
- A14.** Prosper F. Bangwayo-Skeete and **Zikhali, P.** (2012). Explaining Self-Declared Social Tolerance for Human Diversity in Latin America and the Caribbean. *Forum for Social Economics*, DOI:10.1080/07360932.2012.714713
- A13.** Liu, B., Keyzer, M., Boom, B., and **Zikhali, P.** (2012). How Connected are Chinese Farmers to Retail Markets? New evidence of Price Transmission. *China Economic Review*, 23: 34-46.
- A12.** Nkala, P., Mango, N., and **Zikhali, P.** (2011). Conservation agriculture and livelihoods of smallholder farmers in central Mozambique. *Journal of Sustainable Agriculture*, 35(7): 757-779.
- A11.** Bangwayo-Skeete, P.F., and **Zikhali, P.** (2011). Social Exclusion and Labour Market Outcomes: Evidence from Eastern Europe and Central Asia. *International Journal of Development Issues*, 10(2): 233-250.
- A10.** Bangwayo-Skeete, B.F., and **Zikhali, P.** (2011). Individual-level determinants of self-declared social tolerance for human diversity in Sub-Saharan Africa. *International Journal of Social Economics*, 38(6): 516 – 536.

- A9. Matshe, I., **Zikhali, P.** and Chilonda P. (2010). Education and agricultural inputs use by female farmers in Zimbabwe. *Agenda*, 24(86): 96-110.
- A8. Bangwayo-Skeete, B.F., Rahim, A.H., and **Zikhali, P.** (2011) Does education engender cultural values that matter for economic growth? *Journal of Socio-Economics*, 40(2): 163-171.
- A7. Bangwayo-Skeete, B.F., Bezabih, M., and **Zikhali, P.** (2010). Are Zimbabwe's Fast Track Land Reform farms more technically efficient than communal farms? *Quarterly Journal of International Agriculture*, 49(4): 319-339.
- A6. Kassie, M., **Zikhali, P.**, Pender, J., and Köhlin, G. (2010). The economics of sustainable land management practices in the Ethiopian highlands. *Journal of Agricultural Economics*, 61(3): 605-627.
- A5. **Zikhali, P.** (2010). Fast Track Land Reform, tenure security and investments in soil conservation: Micro-evidence from Mazowe District in Zimbabwe. *Natural Resources Forum*, 34: 124-139.
- A4. Alem, Y., Bezabih, M., Kassie, M., and **Zikhali, P.** (2010). Does Fertilizer Use Respond to Rainfall Variability? Panel Data Evidence from Ethiopia. *Agricultural Economics*, 41: 165-175.
- A3. Akpalu, W., Muchapondwa, E. and **Zikhali, P.** (2009). Can the restrictive harvest period policy conserve the mopane worms in southern Africa? A bioeconomic modelling approach. *Environment and Development Economics*, 14: 587-600.
- A2. Kassie, M., **Zikhali, P.**, Manjur, K., and Edwards, S. (2009). Adoption of sustainable agriculture practices: Evidence from a semi-arid region of Ethiopia. *Natural Resources Forum*, 33: 189-198.
- A1. Zerfu, D., **Zikhali, P.**, and Kabenga, I. (2009). Does Ethnicity matter for Trust? Evidence from Africa. *Journal of African Economies*, 18(1): 153-175.

POLICY PAPERS AND OTHER SELECTED PUBLICATIONS

- D3. Kassie, M. and **Zikhali, P.** (2009). Innovation Brief on Sustainable Agriculture, prepared for the United Nations Department for Economic and Social Affairs (UNDESA). http://www.un.org/esa/dsd/resources/res_pdfs/publications/ib/no7.pdf
- D2. **Zikhali, P.** (2005). Agricultural Intensification, Resilience and Sustainability. *Beijer Occasional Papers: Student Papers*.
- D1. **Zikhali, P.** (2001). The implications of IMF policy on investment and production in Zimbabwe, *MSc Thesis: University of Oslo, Department of Economics, Norway*.

BOOKS AND BOOK CHAPTERS

- E2. Bangwayo-Skeete, P.F., and **Zikhali, P.** (2010). The evolution and collapse of the Zimbabwean currency. Forthcoming in Adesina, O.C. (ed.) *Currency, culture, and politics in modern Africa*.
- E1. **Zikhali, P.** (2008). Land Reform, Trust and Natural Resource Management in Africa, *PhD Thesis: University of Gothenburg, Department of Economics, Sweden*.

WORKING PAPERS

- F11. **Zikhali, P.** (2010). Tenure security and productivity after Zimbabwe's Fast Track Land Reform Programme: the case of Mazowe A1 and communal areas. Livelihoods after Land Reform in Zimbabwe Working Paper 7, Livelihoods after Land Reform Project, PLAAS, So. http://www.lalr.org.za/zimbabwe/zimbabwe-working-papers-1/LALRWP_07_Zikhali_final.pdf/view
- F10. Bangwayo-Skeete, P.F., Rahim, A.H., and **Zikhali, P.** (2009). What determines workers' preferences for efficiency over equity wages? MAGKS Working Paper 33-2009. http://www.uni-marburg.de/fb02/makro/forschung/magkspapers/33-2009_bangwayo.pdf
- F9. Bangwayo-Skeete, P.F., Rahim, A.H. and **Zikhali, P.** (2009). Does education engender cultural values that matter for economic growth? MAGKS Working Paper 28-2009. http://www.uni-marburg.de/fb02/makro/forschung/magkspapers/28-2009_Bangwayo.pdf

- F8.** Kassie, M., **Zikhali, P.**, Manjur, K. and Edwards, S. (2009). Adoption of Organic Farming Techniques: Evidence from a Semi-Arid Region of Ethiopia. EfD Discussion Paper 09-01, a joint publication of the Environment for Development Initiative and Resources for the Future (www.rff.org), Washington DC. January 2009. <http://www.rff.org/Publications/Pages/PublicationDetails.aspx?PublicationID=20725>
- F7.** **Zikhali, P.** (2008). Fast Track Land Reform, Tenure Security, and Investments in Zimbabwe. EfD Discussion Paper 08-23, a joint publication of the Environment for Development Initiative and Resources for the Future (www.rff.org), Washington DC. (June). <http://www.efdinitiative.org/research/publications/publications-repository/fast-track-land-reform-tenure-security-and-investments-in-zimbabwe>
- F6.** **Zikhali, P.** (2008). Tenure Security and Investments: Micro-evidence from Zimbabwe's Fast Track Land Reform Programme. Working Papers in Economics No. 321. Department of Economics, Göteborg University. <http://swopec.hhs.se/gunwpe/abs/gunwpe0321.htm>
- F5.** **Zikhali, P.** (2008). Fast Track Land Reform and Agricultural Productivity in Zimbabwe. Working Papers in Economics No. 322. Department of Economics, Göteborg University. <http://swopec.hhs.se/gunwpe/abs/gunwpe0322.htm>
- F4.** Kassie, M., **Zikhali, P.**, Köhlin, G., and Pender, J. (2009). Sustainable Agricultural Productivity in Ethiopia: Does Agroecology Matter? EfD Discussion Paper 09-12, Environment for Development Initiative and Resources for the Future, Washington DC. (April). <http://www.rff.org/Publications/Pages/PublicationDetails.aspx?PublicationID=20800>
- F3.** Kassie, M., **Zikhali, P.**, Köhlin, G., and Pender, J. (2008). Organic Farming Technologies and Agricultural Productivity: The case of Semi-Arid Ethiopia. Working Papers in Economics No. 334. Department of Economics, Göteborg University. <http://swopec.hhs.se/gunwpe/abs/gunwpe0334.htm>
- F2.** Alem, Y., Bezabih, M., Kassie, M., and **Zikhali, P.** (2008). Does Fertilizer Use Respond to Rainfall Variability? Panel Data Evidence from Ethiopia. Working Papers in Economics No. 337. Department of Economics, Göteborg University. <http://swopec.hhs.se/gunwpe/abs/gunwpe0337.htm>
- F1.** Akpalu, W., Muchapondwa, E., and **Zikhali, P.** (2007). Can the restrictive harvest period policy conserve mopane worms in Southern Africa? A bio-economic modeling approach. ERSA Working Paper 65 (October) http://www.econrsa.org/papers/w_papers/wp65.pdf

SEMINARS/WORKSHOPS/SYMPOSIA/CONFERENCES

- H20.** Participated and presented in a Workshop organised by the Organisation for Economic Co-operation and Development (OECD) and Global Green Growth Initiative (GGGI), *Green Growth Development Paths for a Better Future: Tailored strategies towards inclusive green growth and sustainable development*, 22 November 2012, OECD Conference Centre, Paris, France.
- H19.** Participated in a Gender and Water Research Methodology organised by the International Water Management Institute, 11-15 April 2011, Kruger National Park, South Africa.
- H18.** Participated in a Regional Workshop to Review Study Report: Exploring Strategic Priorities for Regional Agricultural R&D Investments in Southern Africa, organized by SADC and ReSAKSS-SA.
- H17.** Participated in a workshop on Formal Trade Data Quality Challenges in Eastern and Southern Africa, Nairobi, Kenya, 1 February, 2011, organized by USAID, ACTESA, ILRI and ReSAKSS-ECA.
- H16.** Participated in the Environment for Development (EfD) Annual Meeting, Kिरuftu, Ethiopia, 28-31 October, 2010.
- H15.** Participated and presented a paper at the Environment for Development (EfD) Annual Meeting, Naivasha, Kenya, 4-7 November, 2009.

- H14.** Participated and presented a paper at the Environment for Development (EfD) Annual Meeting, Beijing, China, 3-6 November, 2008.
- H13.** Participated in the European Report on Development regional conference on ‘*Promoting Resilience through Social Protection in Sub-Saharan Africa*’, 28-30 June 2010, held in Dakar, Senegal and organized by the European University Institute.
- H12.** Participated in the International Symposium on Cultural Diplomacy: “*The Rise of Africa: Innovative Strategies and Progressive Thinking for Africa’s Renaissance*”, 11–14 June 2010 at the Institute for Cultural Diplomacy (ICD), Berlin, Germany.
- H11.** Participated in the PEGNet (Poverty Reduction, Equity and Growth Network) Conference “Policies for Reducing Inequality in the Developing World”, 3-4 September 2009 at the Institute of Social Studies (ISS), The Hague, Netherlands.
- H10.** Participated in the roundtable on the European Commission’s Humanitarian Food Assistance policy, 16th June 2009, organized by the European Commission Directorate–General for Humanitarian Aid – ECHO.
- H9.** Participated and presented a paper at the United Nations Expert Group Meeting on ‘Sustainable land management and agricultural practices in Africa: Bridging the gap between research and farmers’ in Gothenburg, Sweden, April 16-17, 2009.
- H8.** Participated and presented a paper at the Centre for the Study of African Studies conference on Economic Development in Africa, University of Oxford, United Kingdom, 16-18 March, 2008.
- H7.** Participated and presented a paper at the Environment for Development (EfD) Annual Meeting, Cape Town, South Africa, 5-9 November, 2007.
- H6.** Participated and presented a paper at the European Association of Environmental and Resource Economists 15th Annual Conference, Thessaloniki, Greece, 27-30 June, 2007.
- H5.** Participated and presented a paper at the 14th Ulvön Conference on Environmental Economics, Ulvön, Sweden, 19-21 June, 2007.
- H4.** Participated in the 13th Ulvön Conference on Environmental Economics, Ulvön, Sweden, 19-21 June, 2006.
- H3.** Participated and presented a paper in a Computable General Equilibrium (CGE)-First Training of Trainers Workshop organized by the Joint Ecological and Environmental Economics Programme and Center for Environmental Economics and Policy in Africa, Trieste, Italy, 5-16 December 2005.
- H2.** Participated in a Workshop on “Sustainable Natural Resource Management”, at Zhejiang Forest College, Hangzhou, China, January 8-9, 2005.
- H1.** Participated in the first Poverty for Environment (PEN) workshop organised by CIFOR in Bogor, Indonesia, 21- 23 September, 2004.

OTHER PROFESSIONAL RESPONSIBILITIES AND AFFILIATIONS

| | |
|---------------|---|
| 2008 to date: | Research Associate , Environment for Development (EfD) Initiative, Environmental Economics Unit, University of Gothenburg, Sweden. |
| 2009 to date: | Reviewer for the following academic journals: African Journal of Agricultural Research; Asian Economic Journal; Development Southern Africa, Environment and Development Economics; International Journal of Peace and Development Studies; Journal of Agricultural Extension and Rural Development; Natural Resources Forum; Regional Environmental Change |
| 2011 to date: | Resource person , African Economic Research Consortium, Nairobi. Kenya |
| 2011: | Reviewer , European Association of Environmental and Resource Economics (EAERE) conference to be held in Rome, Italy. |
| 2008: | Reviewer , European Association of Environmental and Resource Economics (EAERE) conference to be held at the University of Gothenburg, Sweden. |

2002-2003:

Examiner for Chartered Institute of Secretaries and Administrators (CIS-Zimbabwe).