

## JOHANE DIKGANG

Florida Gulf Coast University

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Department of Economics & Finance, and The Water School

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Lutget College of Business

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Fort Myers, Florida 33975-6565, USA

### *Current Appointment*

**Florida Gulf Coast University**, Associate Professor, August 2022 – present

### *Affiliations/Associations*

**University of Cape Town**, Research Associate, January 2014 – present

**University of the Witwatersrand**, Visiting Associate Professor, August 2022 – present

### *Research Interests*

Environmental economics and policy, including economics of water management, environmental valuation, conservation economics, agricultural and food policies, climate economics, energy policies, and efficiency and productivity analysis, with secondary interests in applied microeconomics in general.

### *Education*

**University of Cape Town**, PhD., Economics, 2013, Fields: Environmental Economics

*Ph.D. Supervisor: Edwin Muchapondwa (University of Cape Town).*

*Ph.D. Examiners: Peter Berck (University of California, Berkeley), Jesper Stage (Mid Sweden University) and Razack B. Lokina (University of Dar es Salaam).*

**Nelson Mandela University**, MCom., Environmental Economics, 2008

*Masters Supervisor: Steven Hosking (Nelson Mandela University)*

**Nelson Mandela University**, BCom Honours Economics, 2006

**Nelson Mandela University**, BCom, *Majors*: Economics, Business Management & Accounting, 2005

*PhD Courses*

**University of Gothenburg**, Sweden, PhD – Specialization Course - Environmental Valuation, 2011

**University of Catania**, Italy; Fondazione Eni Enrico Mattei & European Association of Environmental and Resource Economics, Belpasso International Summer School - The Economics of Ecosystem Services and Biodiversity Conservation, 2010

*Other Courses*

**University of Geneva**, Switzerland, The Economics of Climate Change, 2016

**University of Sydney**, Australia, Discrete Choice Analysis Course, 2015

**Epiconcept** Training Centre, Paris, France, Open Data Kit Environment: Theory, Setup and Deployment, 2015

**University of Antwerp**, Belgium, Discrete Choice Experiments, 2014

*Previous Appointments*

**University of the Witwatersrand**, Associate Professor, January 2021 – July 2022

**University of Johannesburg**, Associate Professor, October 2018 - December 2020

**Public and Environmental Economics Research Centre (PEERC)**, Co-Founder & Director, January 2017 – December 2020

**University of Washington**, Seattle, USA, Visiting Scholar, June 2019

**University of California Riverside**, Riverside, USA, Visiting Scholar, May 2019

**University of Gothenburg**, Gothenburg, Sweden, Visiting Scholar, June – July 2018

**University of Johannesburg**, Senior Lecturer, October 2013 - September 2018

**University of Gothenburg**, Gothenburg, Sweden, Visiting Scholar, February 2016

**Norwegian University of Science and Technology (NTNU)**, Trondheim, Norway, Visiting Scholar, Nov 2015 – January 2016

**University of Washington**, Seattle, USA, Visiting Scholar, 2015

**University of Johannesburg**, Lecturer, January 2013 – September 2013

**University of Cape Town**, Junior Research Fellow, August 2008 – December 2012

**Nelson Mandela University**, Lecturer, January 2008 – July 2008

**Nelson Mandela University**, Junior Lecturer, January 2006 – December 2007

### ***Publications***

#### ***Journal Articles***

1. Gelo, D, and **Dikgang, J.** 2022. Implications of COVID- 19 labour market shock for child and household hungers in South Africa: Do social protection programs protect?. *PloS ONE* 17 (7): e0269848. <https://doi.org/10.1371/journal.pone.0269848>.
2. Zenelabden, N., and **Dikgang, J.** 2022. Satisfaction with water services delivery in South Africa: the effects of social comparison, *World Development* 157: 105861.
3. Nithammer, C.M, Mahabir, J, and **Dikgang, J.** 2022. “Efficiency of South African water utilities: a double bootstrap DEA analysis”, *Applied Economics* 54 (26): 3055-3073.
4. Murwirapachena, G., and **Dikgang, J.** 2022. “The effects of presentation formats in choice experiments”. *Environmental Economics and Policy Studies* (24): 421-445.
5. Nkosi, P and **Dikgang, J.** 2021. “South African attitudes about nuclear power: The case of the nuclear energy expansion process”, *International Journal of Energy Economics and Policy* 11 (5): 138 - 146.
6. Kutela, D.G., Muchapondwa, E., Shimeles, A. and **Dikgang, J.** 2020. Aid, collective action and benefits to smallholders: Evaluating the World Food Program's Purchase for Progress pilot. *Food Policy*: 101911.
7. Kutela, D.G. and **Dikgang, J.** 2019. Collective action and heterogeneous welfare effects: Evidence from Ethiopian villages. *World Development Perspectives* 16: 100150.
8. Simo-Kengne, B.D., **Dikgang, J.** and Ofstad, S.P. 2018. Effect of Marine Protected Areas and Macroeconomic Environment on Meat Consumption in SEAFO Countries, *Agricultural and Food Economics* 6 (12): 1-13.
9. Nkosi, P. and **Dikgang, J.** 2018. “Pricing electricity blackouts among South African households”, *Journal of Commodity Markets* 11: 37-47.
10. **Dikgang, J.**, Muchapondwa, E. and Stage, J. 2017. “Securing benefits for local communities from international visitors to the Kgalagadi Transfrontier Park”, *Tourism Economics* 23 (8): 1553-1567.
11. **Dikgang, J.** and Hosking, S. 2016. “A comparison of the values of water inflows into selected South African estuaries”, *Water Resources and Economics* 16: 39-51.

12. **Dikgang, J.** and Muchapondwa, E. 2016. “Local communities’ valuation of environmental amenities around the Kgalagadi Transfrontier Park in Southern Africa”, *Journal of Environmental Economics and Policy* 6 (2): 168-182.
13. **Dikgang, J.** and Muchapondwa, E. 2016. “The determination of park fees in support of benefit sharing in Southern Africa”, *Tourism Economics* 23 (6): 1165 – 1183.
14. **Dikgang, J.** and Muchapondwa, E. 2016. “The effect of land restitution on poverty reduction among the Khomani San “bushmen” in South Africa”, *South African Journal of Economics* 84 (1): 63 - 80.
15. Sterner, T., Alem, Y., Alpízar, F., Berck, C.S., Rebolledo, C.C., **Dikgang, J.**, Kirama, S., Köhlin, G., Kabubo-Mariara, J., Mekonnen, A. and Xu, J. 2014. “The Environment for Development Initiative: lessons learned in research, academic capacity building and policy intervention to manage resources for sustainable growth”, *Environment and Development Economics* 19 (3): 367 – 391.
16. **Dikgang, J.** and Muchapondwa, E. 2014. “The economic valuation of nature-based tourism in the South African Kgalagadi area and implications for the Khomani San ‘bushmen’ community”, *Journal of Environmental Economics and Policy*, 3 (3): 306 – 322.
17. **Dikgang, J.** and Muchapondwa, E. 2012. “The valuation of biodiversity conservation by the South African Khomani San ‘bushmen’ community”, *Ecological Economics*, 84: 7 – 14.
18. **Dikgang, J.**, Leiman, A. and Visser, M. 2012. “Analysis of the plastic-bag levy in South Africa”, *Resources, Conservation & Recycling*, 66: 59 - 65.
19. **Dikgang, J.** and Visser, M. 2012. “Behavioral Response to Plastic Bag Legislation in Botswana”, *South African Journal of Economics*, 80 (1): 123 - 133.
20. **Dikgang, J.**, Leiman, A. and Visser, M. 2012. Elasticity of Demand, Price and Time: Lessons from South Africa’s plastic-bag levy, *Applied Economics*, 44 (26): 3339 - 3342.

#### ***Submissions, second round or more***

1. Ravat, Z., Mahabir, J, and **Dikgang, J.** 2019. “Charging for plastic bags as an effective nudging policy”, Second Round Revise and Resubmit, *Journal of Applied Economics*.
2. Magambo, I., **Dikgang, J.**, Kutela, G.D. and Tregenna, F. “Environmental and Technical Efficiency in Large Gold Mines in Developing Countries”. *Journal of Productivity Analysis*.

3. Magambo, I., **Dikgang, J.**, Kutela, G.D. and Tregenna, F. “Persistent, transient and overall environmental and technical efficiency in large gold mines in developing countries”. *Journal of Productivity Analysis*.
4. Magambo, Isaiah Hubert; **Dikgang, Johane**; Gelo, Dambala; “Tregenna, Fiona. 2021. Dynamic Technical and Environmental Efficiency Performance of Large Gold Mines in Developing Countries.” *Journal of Health Economics*.
5. Gardner, Brown and **Dikgang, Johane**. Finding a Best Conservation Park Entry Fee for Kruger National Park. *Land Economics*.
6. Nkosi, P and **Dikgang, J.** “Are South African consumers arm-chair environmentalists? Implications for renewable energy” *Eastern Economic Journal*.
7. Mubenga-Tshitaka, Jean-Luc., Gelo, Dambala., **Dikgang, Johane** and Mwamba Muteba, John. 2021. “Panel threshold effect of climate variability on agricultural output in Eastern African countries”, *Ecological Economics*.
8. Nkosi, M., Kutela, D.G., Pholo, A., and **Dikgang, J.** 2021. “Greening the vehicle fleet, how does South Africa’s tax reforms affect new car sales” *World Development*.
9. Bannor, Frank., **Dikgang, Johane.**, and Gelo, Dambala. 2021. “Is climate variability subversive for agricultural total factor productivity growth? Long-run evidence from sub-Saharan Africa”, *Canadian Journal of Agricultural Economics*.

### ***Selected Discussion Papers***

1. Mubenga-Tshitaka, Jean-Luc., Gelo, Dambala., **Dikgang, Johane** and Mwamba Muteba, John. 2021. “Risk spillover between climate variables and agricultural commodity market in East Africa”, ZBW – Leibniz Information Centre for Economics, Kiel, Hamburg. <http://hdl.handle.net/10419/243160>.
2. Mgwele, A., Girma, H.M., and **Dikgang, J.** 2021. Measuring residential water affordability and basic water needs in South Africa, ZBW – Leibniz Information Centre for Economics, Kiel, Hamburg.
3. Bannor, F., **Dikgang, J.**, and Gelo, Dambala. 2021. Agricultural total factor productivity growth, technical efficiency, and climate variability in sub-Saharan Africa, ZBW - Leibniz Information Centre for Economics, Kiel, Hamburg.
4. Bannor, F., **Dikgang, J.**, and Kutela, D.G. 2021. “Interdependence between research and development, climate variability and agricultural production: evidence from sub-Saharan Africa.” MPRA Paper 105697, January 2021. University Library of Munich, Germany.

5. Murwirapachena, G., and **Dikgang, J.** 2019. “The Link between Response Time and Choices in Choice Experiments”, EfD DP 19-23, November 2019. Environment for Development Initiative, Gothenburg, Sweden.
6. Murwirapachena, G., Mahabir, J., Mulwa, R., and **Dikgang, J.** 2019. “Efficiency in South African water utilities: a comparison of estimates from DEA, SFA and StoNED”, ERSA Working Paper 780, April 2019. Cape Town, South Africa.
7. Murwirapachena, G., and **Dikgang, J.** 2018. “An empirical examination of reducing status quo bias in heterogeneous populations: evidence from the South African water sector”, MPRA Paper 91549, December 2018. University Library of Munich, Germany.

### ***Book Chapters***

1. **Dikgang, J.**, and Tshitaka, J. 2020. “Should policymakers be restrained?”. *Macroeconomics: Global and Southern African Perspectives ‘in’* Blanchard & Johnson. Cape Town: Pearson: 487-508.
2. Tang, V., Tregenna, F., and **Dikgang, J.** 2019. “Trade openness and economic growth in Mauritius?” *Development and sustainable Growth of Mauritius ‘in’* Tang, V.T., Shaw, T.M., and Holden, M.G. Switzerland. Palgrave Macmillan: 69-104.
3. Akoto, W., **Dikgang, J.**, and Mukanjari, S. 2014. “Should policymakers be restrained?” & “Fiscal policy: a summing up”. *Macroeconomics: Global and Southern African Perspectives ‘in’* Blanchard & Johnson. Cape Town: Pearson: 566-616.

### ***Reports***

1. **Dikgang, J.**, Mahabir, J., Magambo, I.H., and Samkange, C.M. 2020. *The state of water efficiency*. WRC Report. Pretoria, South Africa. WRC Report No. 2723/1/20. Pretoria, South Africa. Water Research Commission.
2. **Dikgang, J.**, Murwirapachena, G., Mgwele, A., Girma, H.M., Simo-Kengne, B., Mahabir, J., Maboshe, M., Kutela, D.G., and Mukanjari, S. 2019. *Insight into setting sustainable water tariffs in South Africa*. WRC Report No. 2356/1/19. Pretoria, South Africa. Water Research Commission.
3. **Dikgang, J.**, Mahabir, J., and Murwirapachena, G. 2017. *Revisiting the performance of municipalities: new data, new insight and new approaches*. WRC Report No. 2359/1/1. Pretoria, South Africa. Water Research Commission.

4. Adams J, Akoto W, Chege J, **Dikgang J**, Du Preez M, Hay D, Hosking JG, Papadopoulos I, Huizinga P, Mckenzie M, Mlangeni M, Nyagoba D, Oliver C, Potgieter M, Sale M, Sharp GD, Van der Westhuizen H, Wasswa F, Whitfield A and Wooldridge. in S. Hosking (ed.). 2010. *The valuation of estuary services in South Africa specifically regarding changes to estuary services as a result of reductions to freshwater inflows*. WRC Report No. 1304/1/04. Pretoria, South Africa. Water Research Commission.

### **Grants**

1. Enhancing water services authority/provider performance and identification of good practices through benchmarking, co-PI with Grant Mackintosh, 2022-2024 (US\$400 000).
2. Further Evidence on The Debate to Shake Off the South African Water Pricing System (with support from the Water Research Commission), co-PI with Jugal Mahabir, 2021-2021 (US\$150 000).
3. The impact of Sulphur cap regulation on economy and trade, (with support from the South African Maritime Safety Authority), co-PI with Alain Pholo and Jugal Mahabir, 2020 (US\$33 000).
4. In connection with municipal institutional and funding arrangements for efficient water provision and its impacts on regional economic and industrial growth and employment (with support from the Water Research Commission), co-PI with Jugal Mahabir, 2018-2020 (US\$91 200).
5. Assessing the financial and fiscal repercussions of Eskom's role in the electricity distribution industry on local government (with support from the South African Local Government Association), co-PI with Jugal Mahabir, 2018-2019 (US\$93 135).
6. Assessing the financial and fiscal repercussions of Eskom's role in the electricity distribution industry on local government (with support from the South African Local Government Association), co-PI with Jugal Mahabir, 2018 (US\$23 333).
7. Insight into setting sustainable water tariffs in South Africa (with support from the Water Research Commission), co-PI with Stephen Hosking, 2015-2017 (US\$106 667).
8. Revisiting the performance of municipalities: new data, new insight and new approaches (with support from the Water Research Commission), co-PI with Stephen Hosking, 2015 – 2017 (US\$56 000).
9. Towards an integrated tailored food policy in South Africa and Norway: consumer-level mitigation using hybrid analysis of meat choice and behavioural change (with support from the

Norwegian Research Council and the South African National Research Foundation), Co-PI with Sunita Prugsamatz Ofstad, 2014 – 2017 (US\$294 133).

10. Assessing the feasibility of implementing a district collection agency in South Africa, Positioning integrated development plans & Community protest on public infrastructure (with support from the South African Local Government Association), co-PI with Jugal Mahabir, 2016 (US\$28 000).

11. The Impact of Staff turnover on Local Government Performance Paper & Comments on the Division of Revenue Bill (with support from the South African Local Government Association), co-PI with Jugal Mahabir, 2016 (US\$20 000).

### ***Honours and Awards***

- National Research Foundation (NRF) Rated Researcher, 2020 – present
- The Water Research Knowledge Tree Award - Transformation and Redress, Water Research Commission, September 2019
- Council Member, African Association of Environmental and Resource Economists (AFAERE), 2019 – 2020
- Carnegie PhD Fellowship, 2011-2012
- Environmental Policy Research Unit PhD Scholarship (EPRU), 2009-2010

### ***Teaching***

#### *Florida Gulf Coast University*

Fall 2022: Principles of Microeconomics

Fall 2022: Principles of Macroeconomics

Spring 2023: Economics of the Environment

#### *University of the Witwatersrand*

2022: Environmental Economics (Graduate)

2022: Economics of Climate Change (Graduate)

2021 – 2022: Research Methods (Graduate)

2021: Microeconomics (Undergraduate)



*University of Johannesburg*

2017 – 2020: Environmental Economics (Graduate)

2013 – 2020: Public Economics (Undergraduate)

2013 – 2018: International Trade (Graduate)

*Nelson Mandela University (formerly Nelson Mandela Metropolitan University)*

2006 -2008: Microeconomics & Macroeconomics (Undergraduate)

### **Invited Course Lectures**

“Discrete Choice Analysis”, University of Nigeria, Nsukka, Nigeria, December 2021.

### ***Advising***

***Current Advisees***

**Post-doc Advisor**

Mumbi Esther Kimani

### **Ph.D. Primary Advisor/ Co-Advisor\***

Happiness Makumbe Nyathi (3<sup>rd</sup> Year), Phindile Nomsa Nkosi\* (3<sup>rd</sup> Year), Nouran Zenelabden (3<sup>rd</sup> Year), Mary Lungu (1<sup>st</sup> Year), Masedi Tshukudu (1<sup>st</sup> Year), Seidu Mohammed Mutaka (1<sup>st</sup> Year) – University of the Witwatersrand.

### **Masters Advisor**

Alice Beghin & Amanda Matutu - University of the Witwatersrand.

### **Honours Advisor**

Ntlabidi Bopape, Liam Rowe, Ntsika Sindane, Amogelang Moagi, Phiwayinkosi Tembe & Kuku Shivute - University of the Witwatersrand.

### **External Ph.D. Examiner**

Maxwell Chukwudi Udeagha, 2021 (University of Pretoria), S Machokotho, 2019, (Nelson Mandela University), Ronald Kyagulanyi, 2016, (Nelson Mandela University), Basane Claire Ntshane, 2016, (Rhodes University), William Kavila, 2015, (Nelson Mandela University).

### **External Masters Examiner**

Bernard Manganyi , 2022 (University of Pretoria), Thabiso Luyolo Poswa, 2021 (University of KwaZulu-Natal), James Derek Marriner, 2021 (Rhodes University), Shazeea Hytoolakhan Lal Mahomed, 2020 (University of Cape Town), Moses Ssebagala, 2020 (University of Pretoria), Darren Spies, 2020 (University of Kwazulu-Natal), Temndeni Amnestantia Khumalo, 2018 (University of Pretoria), Jolandi Swanepoel, 2018 (University of the Witwatersrand), Johanna Maria Brühl, 2017 (University of Cape Town), Namulula Mwangana, 2017 (University of Pretoria), Sipokazi Mayekiso, 2016 (University of Fort Hare), Mamoekeng Matlaila, 2015 (University of Cape Town), Tamzin Ractliffe, 2015 (University of Cape Town), Busisiwe Milisi, 2015 (Nelson Mandela University), Siyathemba Magobiane, 2012, (Nelson Mandela University).

### ***Advisee Alumni***

#### **Former Post-Doctoral Scholars**

Hiywot Menker Girma, 2019 & Nicholas Kilimani, 2020 (University of Johannesburg).

#### **Ph.D. Primary Advisor**

Genius Murwirapachena, 2019 (Nelson Mandela University), Isaiah Hubert Magambo, October 2022, JeanLuc Mubenga Tshitaka, October 2022, Frank Bannor, March 2023.

#### **Ph.D. Mentor**

Vanessa Tang, 2018.

#### **Master's Thesis Advising**

Phindile Nomsa Nkosi, 2016, Nkululeko Tshabalala, 2018, Celiwe Muvaraidzi Samkange, 2019, Zafeer Shaukat Ally Ravat, 2019, Akhona Mgwele, 2020, Nouran Zen El Abden, 2020, Mfundo Patrick Nkosi, 2020 (University of Johannesburg), Kiana Bachu, 2022 (University of the Witwatersrand).

## **BCom Honours**

Ziphozihle Nonganga, 2007, Tembisa Ndlazi, 2008 (Nelson Mandela University), Caitlin Barker, 2013, Regina Conselho Mwiinga, 2013, Realeboga Ngwanaeng, 2013, Nokwanda Jele, 2013, Banele Ian Kunene, 2014, Boitumelo Louw, 2014, Linda Manari, 2014, Liso Zape, 2014, Thapelo Marwane, Issac Jonas, 2014, Nkosingiphile Keswa, 2016, Desiree Mandisa Kunene, 2016, Noluthando Khambule, 2016, Mfundo Nkosi, 2017, Nongcebo Mngomezulu, 2017, Monaheng Victor Lekaota, 2018, Gabriel Monageng, 2018 (University of Johannesburg), Mathew Robertson, 2021 (University of the Witwatersrand), Maletjema Kekana, 2021 (University of the Witwatersrand).

## **Presentations**

### **Presentations at academic conferences**

*Efficiency in South African water utilities: a comparison of estimates from three techniques.*

Eastern Economic Association (EEA). 48th Annual Conference of the EEA. Hilton Rose Hall, Montego Bay, Jamaica, 5–7 May, 2022.

*Efficiency in South African water utilities: a comparison of estimates from three techniques.*

European Association of Environmental and Resource Economists (EAERE) *Virtual* Annual Summer Conference. Berlin, Germany, 23 June – 3 July 2020.

*Using contingent behaviour analysis to measure the price elasticity of demand for plastic bags.*

European Association of Environmental and Resource Economists (EAERE) Annual Summer Conference. Manchester, UK, 26-29 June 2019.

*Finding a Best Conservation Park Entry Fee for Kruger National Park.* BERCKconomics Conference in Memory of Professor Peter Berck. Haas School of Business, University of California, Berkeley, California, USA, August 23-24 (25), 2019.

*Finding a Best Conservation Park Entry Fee for Kruger National Park.* American Association of Environmental and Resource Economists (AERE) Annual Summer Conference. Hyatt Regency at Lake Tahoe, Incline Village, Nevada, USA, 30-31 May 2019.

*Panellist – The Impact of Climate Change and Associated Disasters on Infrastructure and Municipal Assets.* South African Association of Local Government (SALGA) Research Colloquium. Cape Town, South Africa, 28-29 March 2018.

*Towards an Integrated Tailored Food Policy in South Africa and Norway.* Closing Conference of the South African-Norway Programme of Research Cooperation (SANCOOP). Pretoria, South Africa, 4-5 December 2018.

*Finding a best conservation park entry fee for Kruger National Park.* Biennial Conference of the Economic Society of South Africa. University of Cape Town, Cape Town, South Africa, 2-4 September 2015.

*The effect of land restitution on poverty reduction among the Khomani San “bushmen” in South Africa.* The World Bank Land and Poverty Conference. Washington DC, United States of America, 23–27 March 2015.

*Panellist: Leveraging the power of tourism for Protected areas.* IUCN World Parks Congress. Sydney, Australia, 12–19 November 2014.

*Towards an Integrated Tailored Food Policy in South Africa and Norway.* Launching Conference of the South African-Norway Programme of Research Cooperation (SANCOOP). Cape Town, South Africa, 11-13 May 2014.

*The economic valuation of dryland ecosystem services in the South African Kgalagadi area and implications for PES involving the Khomani San.* Biennial conference of the economic society of South Africa. University of the Free State, Bloemfontein, South Africa, 25-27 September 2013.

*The economic valuation of dryland ecosystem services in the South African Kgalagadi area and implications for PES involving the Khomani San.* 20th Annual Conference of the European Association of Environmental and Resource Economists. Toulouse, France, 26-29 June 2013.

*The effect of the Land Restitution Programme on poverty reduction among the Khomani San.* XVITH World Economic History Congress. Stellenbosch, South Africa, 9-13 July 2012.

*The effect of the Land Restitution Programme on poverty reduction among the Khomani San.* International Society Ecological Economics (ISEE) Conference 2012: “Ecological Economics and Rio+20: Contributions and Challenges for a Green Economy”. Windsor Guanabara Hotel, Rio de Janeiro, Brazil, 16–19 June 2012.

*The valuation of biodiversity conservation by the South African San “bushmen”.* 13th Annual BIOECON Conference, "Resource Economics, Biodiversity Conservation and Development". Geneva, Switzerland, 11-13 September 2011.

*Estimating Optimal Conservation Fees in the Presence of Land Restitution in the Kgalagadi Transfrontier Park between Botswana and South Africa.* Biennial Conference of the Economic Society of South Africa. University of Stellenbosch, Stellenbosch, South Africa, 5-7 September 2011.

*The valuation of biodiversity conservation by the South African San “bushmen”.* Europe-Africa Conference on Dynamic Interlinkages between Social and Ecosystem Changes Towards a Europe Africa Partnership. Golden Tulip De Beyaerd, Hulshorst, NL, Netherlands, 8-12 November 2010.

*An analysing of the effectiveness of the plastic Bag policy in South Africa.* Biennial Economics Society of South Africa (ESSA) Conference. FeatherMarket, Port Elizabeth, South Africa, September 2009.

*A comparison of the effectiveness of the plastic bag legislation in South Africa and Botswana.* Environmental and Resource Economics Conference. Seapoint, Cape Town, South Africa, May 2009.

*A valuation of freshwater inflow into estuaries.* Post-Graduate Conference at the Eastern Cape Economics Society of South Africa. Rhodes University, Grahamstown, South Africa, July 2007.

#### *Presentations at academic seminars/ workshops*

*Finding a best conservation park entry fee for Kruger National Park.* University of the Witwatersrand, School of Economics and Finance. Johannesburg, South Africa, 5 August 2021.

*Conducting Choice Experiments for the Water Sector.* African Association of Environmental and Resource Economists (AFAERE) 4<sup>th</sup> Webinar. Africa, 24 September 2020.

*People’s perspective – choice or no choice?* WRC Webinar. Dialogue: Are Water Services Affordable in South Africa? Pretoria, South Africa, 1 September 2020.

*Insight into setting sustainable water tariffs in South Africa.* Denmark Embassy, Water Tariff Setting Workshop. Sheraton Hotel, Pretoria, South Africa, 26 November 2019.

*Finding a best conservation park entry fee for Kruger National Park.* University of California Riverside, School of Public Policy Seminar Series, Interdisciplinary South 4107. Riverside, California, USA, 21 May 2019.

*Finding a best conservation park entry fee for Kruger National Park.* 8<sup>th</sup> annual EFD (Environment for Development) meeting. Ledger Plaza Bahari Beach, Dar es Salaam, Tanzania, 22–26 October 2014.

*The economic valuation of dryland ecosystem services in the South African Kgalagadi area and implications for PES involving the Khomani San.* SALDRU Seminar, School of Economics University of Cape Town, South Africa, 14 November 2012.

*Estimating Optimal Conservation Fees in the Presence of Land Restitution in the Kgalagadi Transfrontier Park between Botswana and South Africa.* Seminar, Department of Economics and Econometrics, University of Johannesburg, South Africa, 14 September 2012.

*Estimating Optimal Conservation Fees in the Presence of Land Restitution in the Kgalagadi Transfrontier Park between Botswana and South Africa.* 5<sup>th</sup> annual EfD (Environment for Development) meeting. Mount Menu Hotel, Arusha, Tanzania, 27–30 October 2011.

*The effect of the Land Restitution Programme on Poverty Reduction among the Khomani San.* 4<sup>th</sup> Annual EfD (Environment for Development) meeting. Addis Ababa at UNECA conference room and Kurifu resort, Debrezeit, Ethiopia, 28 October –1 November 2010.

*Developing a system for socio-economic sustainability of resource use by the Khomani San in the Kgalagadi Transfrontier Park and environs.* PhD Proposal Defence Seminar, School of Economics, University of Cape Town, South Africa, 21 October 2010.

*The valuation of biodiversity conservation by the South African San “bushmen” community.* 2010 Belpasso International Summer School. Belpasso, Italy, September 2010.

#### Participation in academic workshops, academic conferences and Symposium

*Advances in Integrated Assessment Modelling.* The Hyatt Regency at Lake Tahoe, Incline Village, Nevada, USA, May 2019.

*European Association of Environmental and Resource Economist supported event: Spatial Dimensions of Stated Preferences Workshop.* Historical premises of the National and Kapodistrian University. Athens, Greece, 28 June 2017.

*Stockholm Resilience Centre.* Beijer and EfD Workshop. Ledger Plaza Bahari Beach, Dar es Salaam, Tanzania, 20–21 October 2014.

*United Nations Environment Programme (UNEP) International.* Stellenbosch, South Africa, 11–12 December 2013.

*3rd Park Pricing Workshop.* Kruger National Park, South Africa, 19-22 September 2012.

*2<sup>nd</sup> Park Pricing Workshop.* Victoria Falls, Zimbabwe, 27-30 April 2011.

*Park Pricing Workshop.* Lions Hill Game Lodge, Nakuru, Kenya, 24-26 October 2010.

*Economic Research of Southern Africa (ERSA) Training Workshop on Bioeconomic Modelling of Natural Resource Use.* Cape Town, South Africa, 18-19 October 2010.

*Use of Economic Incentive in Bioregions.* Kruger National Park, South Africa, October 2009.

### ***Professional Service***

#### **Referee Service**

**Economics Journals:** *Journal of Environmental Economics and Management (JEEM), Applied Economics; Environment and Development Economics (EDE); Journal of Behavioral and Experimental Economics; Journal of Environmental Economics and Policy (JEPP); Agricultural and Food Economics; Australian Journal of Agricultural and Resource Economics, Environmental and Resource Economics (ERE), Journal of Environmental Planning and Management, South African Journal of Economics (SAJE), & Environmental Economics and Policy Studies.*

**Environment/Policy/Climate Change Journals:** *Environment, Development and Sustainability; Environmental Science and Pollution Research; Resources, Conservation & Recycling; Journal of Environmental Management; International Journal of Climate Change Strategies and Management; Ocean and Coastal Management; and Cogent Food & Agriculture.*

#### ***Review Service***

*African Association of Environmental and Resource Economist (AFAERE), Economic Research Southern Africa (ERSA), Environment for Development (EjD), South African National Research Foundation (NRF), World Bank Land Tenure Conference, BIOECON Conference, European Association of Environmental and Resource Economists (EAERE), Water Research Commission, WWF South Africa & IUCN.*

#### ***Conferences Sessions Chaired***

*Session, Valuation of Recreational Benefits, 21<sup>st</sup> Annual Conference of the European Association of Environmental and Resource Economists, June 23 – 27, 2015, Helsinki, Finland.*  
*Session, Ecosystem Services and Biodiversity session, 20<sup>th</sup> Annual Conference of the European Association of Environmental and Resource Economists, June 26 – 29, 2014, Toulouse, France.*

### ***University Service***

*University of the Witwatersrand Faculty Library Committee Chair (2022)*

*University of the Witwatersrand Faculty Library Committee (2021-2022)*

*University of Johannesburg Senate Member (2014-2020)*

*University of Johannesburg School of Economics Management Committee (2015-2020)*

*University of Johannesburg School of Economics Higher Degree Committee Chair (2015-2019)*

*University of Johannesburg College of Business and Economics Higher Degrees Committee member (2015 – 2018)*

*Nelson Mandela University Department of Economics Summer School Administrator (2007 – 2008)*

### ***Professional Affiliations***

*American Economic Association (AEA), Association of Environmental and Resource Economists (AERE), Eastern Economic Association (EEA), Southern Economic Association (SEA), European Association of Environmental and Resource Economists (EAERE), Agricultural Economics Society, African Association of Environmental and Resource Economists (AFAERE), Economic Society of South Africa (ESSA).*