

JOHANE DIKGANG

Physical Address: 8 Cypress Gardens
6 Flame Lily Avenue
Roodekrans
Johannesburg
1724
South Africa

Address: Department of Economics
Auckland Park Campus
University of Johannesburg
Auckland Park
Johannesburg
2006
South Africa

Phone number: +27 (0) 72 128 5018 / +27 (0) 71 889 6893

Email: jdikgang@uj.ac.za

Fax: 086 767 3698

Research interests

Environmental valuation

Biodiversity conservation

Community-based natural resource management

Nature-based tourism

Land reform

Environmental fiscal measures

Education

PhD

Dates: 2009-2012

Name of Institution: University of Cape Town

Degree title: Doctor of Philosophy (PhD) - Economics

Date to be awarded: 14 December 2013

Thesis title: Land Restitution, Livelihoods and Co-Ownership of International Parklands by the Khomani San “Bushmen” people in South Africa: A Case Study from the Kgalagadi Transfrontier Park.

Brief Summary of the thesis: This research attempts to contribute to a very topical and policy relevant question in South Africa. The key challenge facing the Kgalagadi area is how to balance the integrity of conservation and beneficiaries rights to land and natural resources.

Promoter: Associate Professor Edwin Muchapondwa

PhD – Specialization Course

Date: November – December 2011

Name of Institution: University of Gothenburg, Sweden

Faculty: School of Business, Economics and Law

Course: Environmental Valuation

Grade: Pass

Date Awarded: December 2011

PhD – Belpasso International Summer School

Date: September 2010

Name of Institution: University of Catania, Italy; Fondazione Eni Enrico Mattei & European Association of Environmental and Resource Economics

Course: The Economics of Ecosystem Services and Biodiversity Conservation

Award: Certificate

Date Awarded: 18 September 2010

Master Degree

Dates: 2006-2007

Name of Institution: Nelson Mandela Metropolitan University

Degree title: Master of Commerce (MCom) - Economics

Grade: Pass

Date Awarded: 21 April 2008

Brief summary of the dissertation: The problem with estuarine freshwater demand is that estuaries are the ‘last in line’, literally and perhaps in the typical prioritisation of human wants by government. Clearly it is imperative that the value of freshwater inflows into estuaries be determined and these values incorporated into catchment management decision making.

Name of Supervisor: Professor Stephen Hosking

Honours Degree

Dates: 2005

Name of Institution: Nelson Mandela Metropolitan University

Degree title: Bachelor of Commerce Honours (BCom Honours) - Economics

Grade: Pass

Date Awarded: 24 April 2006

Subjects: Macroeconomics; Microeconomics; Environmental Economics; The Economics of Money, Banking and Finance; International Trade & Finance; Managerial Economics; Public Economics; Development Economics; & Treatise.

Title of the treatise: The economic cost of black economic empowerment versus economic upliftment benefit on the South African economy.

Name of Supervisors: Mr. R. Mihailescu; Associate Professor. M. du. Preez; Dr. N.S. Dyubhele; & Professor S.G. Hosking.

Bachelor Degree

Date: 2002 – 2004

Name of Institution: Nelson Mandela Metropolitan University (Formerly University of Port Elizabeth)

Degree title: Bachelor of Commerce (BCom)

Grade: Pass

Majors: Economics, Business Management and Accounting

Date Awarded: 15 April 2005

Advancement Programme

Date: 2001

Name of Institution: University of Port Elizabeth

Certificate title: UPE Advancement Programme - Commerce

Grade: Pass

Majors: Foundation Accounting & General Business Awareness

Date Awarded: 18 April 2002

School:

Name: Ledumang Senior Secondary School

Year: 1997

Standard: Cambridge O' Level

Grades Obtained: 2nd Class, 4 Credits and 3 Passes

Conference, seminar, administrative experience and workshop Papers:

<i>Presentations at academic conferences</i>	Name of Presenter	Title of paper presented
Post-Graduate Conference at the Eastern Cape Economics Society of South Africa in July 2007 at Rhodes University, Grahamstown, South Africa.	Johane Dikgang	A valuation of freshwater inflow into estuaries.
Environmental and Resource Economics Conference in May 2009 at Seapoint, Cape Town, South Africa.	Johane Dikgang	A comparison of the effectiveness of the plastic bag legislation in South Africa and Botswana.
Economics Society of South Africa (ESSA) Conference in September 2009 at FeatherMarket, Port Elizabeth, South Africa.	Johane Dikgang	An analysing of the effectiveness of the plastic Bag policy in South Africa.
45th Annual GSSA Congress; 19 to 23 July 2010 Kimberley, South Africa.	Johane Dikgang	The effect of the Land Restitution Programme on poverty reduction among the Khomani San.
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	Johane Dikgang	The valuation of biodiversity conservation by the South African San "bushmen".

2010.		
Biennial Conference of the Economic Society of South Africa, University of Stellenbosch, Stellenbosch, South Africa, 5-7 September 2011.	Johane Dikgang	Estimating Optimal Conservation Fees in the Presence of Land Restitution in the Kgalagadi Transfrontier Park between Botswana and South Africa.
13th Annual BIOECON Conference, "Resource Economics, Biodiversity Conservation and Development", 11th-13th September 2011, Geneva, Switzerland.	Johane Dikgang	Paper presentation: The valuation of biodiversity conservation by the South African San "bushmen".
International Society Ecological Economics (ISEE) Conference 2012: " Ecological Economics and Rio+20: Contributions and Challenges for a Green Economy ", June 16th – 19th, Windsor Guanabara Hotel – Rio de Janeiro – Brazil.	Johane Dikgang	1) The effect of the Land Restitution Programme on poverty reduction among the Khomani San. 2) Estimating Optimal Conservation Fees in the Presence of Land Restitution in the Kgalagadi Transfrontier Park between Botswana and South Africa.
19th Annual Conference of the European Association of Environmental and Resource Economists, Prague, Czech Republic, 27 - 30 June 2012.	Edwin Muchapondwa	Estimating Optimal Conservation Fees in the Presence of Land Restitution in the Kgalagadi Transfrontier Park between Botswana and South Africa.

XVITH World Economic History Congress 9-13 July 2012, Stellenbosch, South Africa.	Johane Dikgang	The effect of the Land Restitution Programme on poverty reduction among the Khomani San.
20th Annual Conference of the European Association of Environmental and Resource Economists, Toulouse, France, 26 - 29 June 2013.	Johane Dikgang	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.	Johane Dikgang	The economic valuation of dryland ecosystem services in the South African Kgalagadi area and implications for PES involving the Khomani San
<i>Presentations at academic seminars</i>	<i>Presenter</i>	<i>Title of paper presented</i>
2010 Biodiversity Planning Forum; 2 – 5 March 2010; Forever Resorts, Warmbaths, Bela-Bela, Limpopo, South Africa.	Johane Dikgang	The valuation of biodiversity conservation by the South African San “bushmen” community.
2010 Belpasso International Summer School; September 2010, Belpasso, Italy.	Johane Dikgang	The valuation of biodiversity conservation by the South African San “bushmen” community.
PhD Proposal Defence Seminar, 21 October 2010, School of Economics, University of Cape Town, South Africa.	Johane Dikgang	Developing a system for socio-economic sustainability of resource use by the Khomani San in the Kgalagadi Transfrontier Park and

		environs.
4 th Annual EfD (Environment for Development) meeting; October 28 th – November 1 st 2010: Addis Ababa at UNECA conference room and Kurifu resort, Debrezeit, Ethiopia.	Johane Dikgang	The effect of the Land Restitution Programme on Poverty Reduction among the Khomani San.
5 th annual EfD (Environment for Development) meeting; October 27 th – 30 th , 2011; Mount Menu Hotel, Arusha, Tanzania.	Johane Dikgang	Estimating Optimal Conservation Fees in the Presence of Land Restitution in the Kgalagadi Transfrontier Park between Botswana and South Africa.
2012 Biodiversity Planning Forum; 22 – 25 May 2012; Nombolo Mdhluli Conference Centre, Skukuza Camp, Kruger National Park, Mpumalanga, South Africa.	Johane Dikgang	The economic valuation of dryland ecosystem services in the South African Kgalagadi area and implications for PES involving the Khomani San
Seminar, 14 September 2012, Department of Economics and Econometrics, University of Johannesburg, South Africa	Johane Dikgang	Estimating Optimal Conservation Fees in the Presence of Land Restitution in the Kgalagadi Transfrontier Park between Botswana and South Africa.
SALDRU Seminar, 14 November 2012, School of Economics, University of Cape Town, South Africa.	Johane Dikgang	The economic valuation of dryland ecosystem services in the South African Kgalagadi area and implications for PES

		involving the Khomani San
7 th annual EfD (Environment for Development) meeting; (Forthcoming: October 24 th – 27 th , 2011); Monkey Valley, Cape Town, South Africa.	Johane Dikgang	The economic valuation of dryland ecosystem services in the South African Kgalagadi area and implications for PES involving the Khomani San
<i>Participation in academic workshops and academic conferences</i>	<i>Name of Research Fellows participating</i>	
Biodiversity workshop in November 2008 at Kirstenbosh, Cape Town, South Africa.	Johane Dikgang	
Use of Economic Incentive in Bioregions in October 2009, at Kruger National Park, South Africa.	Johane Dikgang	
The Transboundary Protected Areas Research Initiative (TPARI), hosted by the University of Johannesburg, South Africa and the International Institute for Social Studies (ISS), sixth teleseminar of the 2009 - 2010 teleseminar series, 14 April 2010, University of Cape Town, South Africa.	Johane Dikgang	
Economic Research of Southern Africa (ERSA) Training Workshop on Bioeconomic Modelling of Natural Resource Use, Cape Town, 18-19 October 2010, South Africa.	Johane Dikgang	
Park Pricing Workshop; 24 th - 26 th October, 2010; Lions Hill Game Lodge, Nakuru, Kenya.	Johane Dikgang	
2 nd Park Pricing Workshop; 27 - 30 April 2011; Victoria Falls, Zimbabwe.	Johane Dikgang	

Developing a system for socio-economic sustainability of resource use by the Khomani San in the Kgalagadi Transfrontier Park, Discussion of Research Results Workshop; 7 - 9 July 2011; Andiesvale, South Africa.	Johane Dikgang
3rd Park Pricing Workshop; 19 - 22 September 2012; Kruger National Park, South Africa.	Johane Dikgang
SAPECS Colloquium - Frontiers in Social-Ecological Research; 15 - 16 April 2013; Kristebosch, Cape Town, South Africa.	Johane Dikgang
United Nations Environment Programme (UNEP) International; 11 – 12 December 2013; Stellenbosch, Cape Town	Johane Dikgang

Academic and administrative experience:

June, 2013: Chairperson, Ecosystem Services and Biodiversity session, 20th Annual Conference of the European Association of Environmental and Resource Economists, June 26 – 29, Toulouse, France.

June, 2013: Discussant, “Providing preference-based support for forest ecosystem service management in Poland” Tomasz Zylicz, (20th Annual Conference of the European Association of Environmental and Resource Economists, June 26 – 29, Toulouse, France).

January - December, 2013: Ethics Committee Member, University of Johannesburg.

October 2010 to Present: Member of the International Park Pricing Collaborative Research Team, “Environment for Development Initiative, Sweden”.

September, 2011: Discussant, “The social dimension of biodiversity policy in the European Union: Valuing the benefits to vulnerable communities” P.A.L.D. Nunes, A Ghermandi, H.

Ding, (13th Annual BIOECON Conference, "Resource Economics, Biodiversity Conservation and Development", 11th-13th September 2011, Geneva, Switzerland).

December 2007 – December, 2008: Summer school Administrator, “Department of Economics, Nelson Mandela Metropolitan University.

Publications:

Journal Articles

Johane Dikgang, and Edwin Muchapondwa. 2012. “The valuation of biodiversity conservation by the South African Khomani San ‘bushmen’ community”, Ecological Economics, 84: 7 – 14.

Dikgang, Johane, Leiman, Anthony and Visser, Martine. 2012. “Analysis of the plastic-bag levy in South Africa”, Resources, Conservation & Recycling, 66: 59 - 65.

Dikgang, Johane and Visser, Martine. 2012. “Behavioral Response to Plastic Bag Legislation in Botswana”, South African Journal of Economics, 80 (1): 123 - 133.

Dikgang, Johane, Leiman, Anthony and Visser, Martine. 2012. ‘Elasticity of Demand, Price and Time: Lessons from South Africa’s plastic-bag levy’, Applied Economics, 44 (26): 3339 - 3342.

Working Paper/Discussion Paper Series

Johane Dikgang and Edwin Muchapondwa. “Estimation of optimal conservation fees for international park visitors in the Kgalagadi Transfrontier Park”, ERSA working paper 393, November 2013, South Africa.

Johane Dikgang and Edwin Muchapondwa. “The economic valuation of dryland ecosystem services in the South African Kgalagadi area and implications for PES involving the Khomani San”, ERSA working paper 384, October 2013, South Africa.

Johane Dikgang and Edwin Muchapondwa. "The economic valuation of dryland ecosystem services in the South African Kgalagadi by the local communities", ERSA working paper 383, October 2013, South Africa.

Johane Dikgang and Edwin Muchapondwa. "Conservation Fees in the Kgalagadi Transfrontier Park between Botswana and South Africa in the Presence of Land Restitution", RFF Discussion Paper EfD 13-09, July 2013, Washington DC, United States of America. & Johane Dikgang and Edwin Muchapondwa. "Conservation Fees in the Kgalagadi Transfrontier Park between Botswana and South Africa in the Presence of Land Restitution", ERSA working paper, ERSA working paper 368, August 2013, South Africa.

Johane Dikgang and Edwin Muchapondwa. "The effect of land restitution on poverty reduction among the Khomani San "bushmen" in South Africa", ERSA working paper 352, June 2013, South Africa.

Book Publication

Johane Dikgang and Stephen Hosking, 2010, "Values of Water inflows into selected South African Estuaries: The Heuningnes, Kleinmond, Klein, Palmiet, Cefane, Kwelera and Haga-Haga", Lambert Academic Publishing.

Report

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 T, 2010. "The valuation of estuary services in South Africa specifically regarding changes to estuary services as a result of reductions to fresh water inflows", in S. Hosking (ed.), Report to the Water Research Commission August 2010 (WRC Report No. 1304/1/04). Departments of Economics, Statistics and Zoology, Nelson Mandela Metropolitan University.

Work experience:

1) *Date:* 1st January 2006 - 31 December 2007

Job title: Junior Lecturer

Courses Taught: 1st Year Macroeconomics & Microeconomics

Department: Economics and Economic History

Name of organisation: Nelson Mandela Metropolitan University

Duties: Teach Undergraduate Economics and Supervision of Postgraduate Economics Research Projects (at BCom Honours Level – successfully supervised two students).

Details of Supervised BCom Honours Research projects:

- *Treatise title: Can the Nelson Mandela Metropolitan Municipality fulfil its economic potential?*

Student's Details: Miss Ziphozihle Nonganga

Date Submitted: January 2007

- *Treatise title: Globalization and the Performance of South African Economy*

Student's Details: Miss Tembisa Ndlazi

Date Submitted: January 2008

2) *Date: 1st January 2008 - 30 August 2008*

Job title: Lecturer

Courses Taught: 1st Year Macroeconomics & Microeconomics

Department: Economics and Economic History

Name of organisation: Nelson Mandela Metropolitan University

Duties: Teach Undergraduate Economics.

3) *Date: 1st September 2008 – May 2013*

Job title: Junior Research Fellow

Research Unit: Environmental - Economics Policy Research Unit (EPRU),

School of Economics

Name of organisation: University of Cape Town

Duties: Policy Analysis and Economics Researcher.

4) *Date: 1st January 2013 - Current*

Job title: Associate Research Member

Research Unit: Environmental - Economics Policy Research Unit (EPRU),

School of Economics

Name of organisation: University of Cape Town

Duties: Policy Analysis and Economics Researcher.

5) *Date:* 1st January 2013 – 31st October

Job title: Lecturer

Courses Taught: International Trade - Honours & 3rd Year Public Economics

Supervision: 4 Honours Treatise Students

Department: Economics and Econometrics

Name of organisation: University of Johannesburg

Duties: Teach Undergraduate and Postgraduate Economics and Supervision of Postgraduate Economics Research Projects.

6) *Date:* 1st November 2013 - Current

Job title: Senior Lecturer & Coordinator: Environmental and Natural Resource Economics

Courses Taught: International Trade - Honours & 3rd Year Public Economics

Supervision: 4 Honours Treatise Students; 1 Masters & 2 PhD's

Department: Economics and Econometrics

Name of organisation: University of Johannesburg

Duties: Teach Undergraduate and Postgraduate Economics and Supervision of Postgraduate Economics Research Projects.

Other Roles

Date: August 2013 – September 2013

Role: Journal Reviewer

Name of Journal: Journal of Environmental Economics and Policy

Name of the Manuscript: Measuring the Value of Plastic and Reusable Grocery Bags.

Date: July 2013 – August 2013

Role: Journal Reviewer

Name of Journal: Environmental Science and Pollution Research

Name of the Manuscript: Status and Strategies of China's Plastic Bag Pollution Problems Based on Surveys in Hangzhou.

Date: June 2013 – July 2013

Role: Journal Reviewer

Name of Journal: Resources, Conservation & Recycling

Name of the Manuscript: Design and Implementation Study of a Permanent Selective Collection Program (PSCP) on a University campus in Brazil.

Date: May 2013 – June 2013

Role: Journal Reviewer

Name of Journal: Resources, Conservation & Recycling

Name of the Manuscript: Re-Use Assessment of Thermoset Composite Wastes as Aggregate and Filler Replacement for Concrete-Polymer Composite Materials: A case study regarding GFRP pultrusion wastes.

Date: May 2013 – June 2013

Role: Journal Reviewer

Name of Journal: Applied Economics

Name of the Manuscript: Estimating country-specific environmental Kuznets curves from panel data: a Bayesian shrinkage approach.

Date: March 2013 – April 2013

Role: Journal Reviewer

Name of Journal: Journal of Environmental Planning and Management.

Name of the Manuscript: Measuring the Value of Plastic and Reusable Grocery Bags.

Date: August 2012 – September 2012

Role: Journal Reviewer

Name of Journal: Applied Economics

Name of the Manuscript: Can a Nonbinding Climate Treaty Work? Evidence of Asymmetric Effects on Developed and Developing Countries from the FCCC.

Date: June 2012 – July 2012

Role: Journal Reviewer

Name of Journal: Development and Sustainability

Name of the Manuscript: No Plastic Bag Campaign Day in Malaysia and the Policy Implication.

Date: 1st January 2012 – April 2012

Role: External Examiner

Level of Study: Masters in Commerce – Economics

Candidate Details: S.E. Magobiane

Candidate's Affiliated Institution: Nelson Mandela Metropolitan University

Name of the Dissertation: Willingness to Pay For Water Quality Improvement In The Swartkops Estuary.

Dissertation Represents: 100% of final mark towards the degree.

Date: 1st November 2011 – January 2012

Role: Journal Reviewer

Name of Journal: Applied Economics

Name of the Manuscript: Shadow Economy versus Corruption: Environmental Pollution in MENA Countries.

Date: 1st June 2011 – August 2011

Role: Research Project Proposal Reviewer

Funding Agency: Environment for Development (Efd) Initiative, Sweden

Project Title: Impact evaluation of the Payment for Environmental Services Program on Welfare in Costa Rica

Project Principal Investigators: Associate Professor Juan Robalino (Efd-CA, CATIE, Costa Rica) & Associate Professor Francisco Alpizar (Efd-CA, CATIE, Costa Rica)

Project Partners / Collaborators: Dr Anna Norden (Department of Economics, University of Gothenburg) & Dr Laura Villalobos (Efd-CA, CATIE, Costa Rica).

Fieldwork experience

Eastern Cape and Kwazulu-Natal Province (2006-2008)

Preliminary dissertation fieldwork with tourists and local indigenous people in the Eastern Cape and Kwazulu-Natal about valuation of South African estuaries.

Port St John's, Eastern Cape, South Africa (2007)

Water Research Commission Research. Mngazi estuary valuation survey with tourists and local indigenous communities.

Professional membership

Details: European Association of Environmental and Resource Economists (EAERE).

Dates: 2010 - 2013

Details: The Economic Society of South Africa (ESSA).

Dates: 2010 – 2013

Details: Grassland Society of Southern Africa (GSSA).

Dates: 2011

Prizes and awards

Congressman: Attendance of the 12th Biennial Conference of the International Society for Ecological Economics. ISEE 2012 Ecological Economics and Rio + 20: Challenges and Contributions for a Green Economy in Rio de Janeiro, Brazil.

Second Best Masters Student in 2008 at - Awarded by Nelson Mandela Metropolitan University and Economic Research Southern Africa.

Special Award: Best Student in class - 1996, for Form 4 (Grade 11) at Ledumang Senior Secondary School.

Other relevant qualifications

January 2010: Completed a Stata statistical course at the University of Cape Town offered in Partnership with Michigan State University.

Econometrics Packages

<i>Name of Software</i>	<i>Level of expertise</i>
E-Views	Advanced
Statistica	Advanced
Stata	Advanced
Limdep	Advanced
SPSS	Basic

Referees

Associate Professor. E. Muchapondwa

Director: School of Economics & Senior Research Fellow

University of Cape Town

Tel: 021 650 5242/ +27 732531491

Email: edwin.muchapondwa@uct.ac.za

Dr. A. T. Mama

Economist

International Monetary Fund (IMF), Washington DC, United States of America

Tel: +1 202 677 2083

Email: atounamama@imf.org

Dr. M. Sarr

Senior Research Fellow & Senior Lecturer: Environmental-Economics Policy Research Unit

School of Economics

University of Cape Town

Tel: 021 650 2982/ +27 712172031

Email: mare.sarr@uct.ac.za