# **Curriculum Vitae of Professor Martine Visser**

# Environmental and Behavioural Economist

EPRU - Environmental Economics Policy Research Unit School of Economics Cape Town South Africa Phone (+27) 21 650 5241 Email: martine.visser@uct.ac.za Homepage: www.epru.uct.ac.za

### **Research Interests**

**Environment, Experiments and Behaviour**: Responses to Climate Risk; Environmental Justice and Fairness

**Climate Change, Poverty and Sustainable Development:** Determinants of mitigation and adaptation affecting decision making; The role of social institutions and social sanctioning in poverty alleviation; The role of risk, uncertainty and time discounting on costly personal and technological adaptation of the poor and vulnerable

**Randomised Control Trials to Evaluate Behavioural Interventions targeting Climate Change:** The role of behavioural nudges in complementing traditional economic and regulatory tools with respect to energy and water savings; Incentivising take up of energy or water saving technologies amongst households and firms

# **Academic Positions**

**Director**, Environmental Policy Research Unit, University of Cape Town, 2018-present

**Professor**, School of Economics, University of Cape Town, 2015-present

**Research Chair** of the African Climate Development Initiative (ACDi), University of Cape Town, 2014-present

Associate Professor, School of Economics, University of Cape Town, 2010-2015

Director, Environmental Policy Research Unit, University of Cape Town, 2009-2011

Senior Lecturer, School of Economics, University of Cape Town, 2008-2009

**Lecturer**, School of Economics, University of Cape Town, *Honours Environmental Economics, Masters Resource Economics, Econometrics module in Quantitative Techniques, Microeconomics.* 2001-2005

Senior Researcher, Development Policy Research Unit, University of Cape Town, 2000-2001

**Researcher,** World Wide Foundation for Nature and the Development Bank of South Africa - *Macroeconomic Reforms and Sustainable Development in Southern Africa,* 1999

**Researcher,** Trade and Industrial Policy Secretariat - *Trade and the Environment: Steel industry in South Africa.* 1999

# **Education**

PhD Economics, University of Gothenburg, Sweden, 2006

Master of Commerce in Economics, University of Cape Town, 1999

Bachelor of Science (Honours) in Geology, University of Cape Town, 1994

Bachelor of Science in Geology, University of Cape Town, 1993

# **Scholarships & Awards**

Knowledge Tree Awards for Sustainable Development Solutions: Emerging Researcher, 2019

Winner of the NSTF-South32 WRC Award, 2019

Economic Journal, Top Reviewer Award, 2019

UCT Merit Award for Academic Performance at the level of Associate Professor, 2012 & 2013

Fulbright Scholarship for Visiting Scholars Abroad, 2012

SIDA Scholarship for Doctoral Studies at Gothenburg Sweden, 2001-2006

Fulbright Scholarship for Studying in the United States, 2000

UCT Merit Award, 1999

# **Local and International Media**

#### Radio Interviews

**Cape Talk** <a href="https://omny.fm/shows/afternoons-with-pippa-hudson/a-drought-stricken-cape-town-did-come-together-to">https://omny.fm/shows/afternoons-with-pippa-hudson/a-drought-stricken-cape-town-did-come-together-to</a>

BBC radio <a href="https://www.bbc.co.uk/programmes/b09xjhpx">https://www.bbc.co.uk/programmes/b09xjhpx</a>

Wharton https://riskcenter.wharton.upenn.edu/resilience-lab-notes/capetown/

#### **News Articles**

Bis zum letzten Tropfen, Spektrum.de - 13 February 2018

Kapstaden närmar sig "Day Zero", Dagens Nyheter - 3 February 2018

Will Cape Town's Day Zero arrive?, Climate News Network - 7 Feb 2018

Mail & Guardian: Public praise drives water-wise behaviour: A lesson for city managers, by Martine and colleagues - 13 April 2017

<u>Sunday Times</u>: The forecast for human behaviour - What will happen when the taps are turned off in Cape Town? by Claire Keeton - 28 Jan 2018

Bloomberg: Will Cape Town Run Out of Water? - 8 December 2017

<u>Daily maverick</u>: A drought-stricken Cape Town did come together to save water - 1 March 2018

#### **EPRU News Stories**

Public praise drives water-wise behaviour: A lesson for city managers - 25 Aug 2017

<u>Behavioural Nudges for Water Conservation</u>: Experimental Evidence from Cape Town - 3 July 2017

Nudging people to save water and power - 28 April 2017

<u>Carrot-or-stick to 'nudge' water-wise behaviour</u> - 18 April 2017

<u>Public praise for water-wise behaviour: a lesson for city managers</u> - 18 April 2017

How to drive water saving amongst office staff - 25 Nov 2016

With taps going dry, South African researchers "nudge" people to conserve water - 29 Oct 2017

Tracking water use trends in SA's 'mother city' - 30 March 2016

# **Professional Activities**

## Journal and Working Paper Series Referee:

Economic Journal, Journal of Environmental Economics and Management, Journal of Economic Behavior and Organization, Social Choice and Welfare, Social Indicators Research, European Journal of Agricultural Economics, Journal of Public Economics, Journal of Development Economics, Ecological Economics, Journal of Economic Psychology, Environmental and Developmental Economics, Environmental and Resource Economics, Climate Policy, Journal of Development Studies, South African Journal of Economics, JESA, SAJEMS, ERSA Working Paper Series, NRF, Water South Africa, WRC.

#### Presentations: Seminars and Conferences

**2018:** European Experimental Economics Association Meeting – Berlin; Keynote for Water Preconference, World Conference in Environmental and Research Economics - Gothenburg

**2017:** Plenary on Behavioural Nudges and Water Savings - Cape Town; EFD Annual Meet – Addis Adaba; Paper accepted to ESA World Meeting - San Diego; EAERE presentation - Athens

**2016:** SEEDEC conference Presentation – Nairobi; Paper accepted to European ESA conference – Bergen, Norway

**2015:** Paper accepted in EAERE Conference - Helsinki; ESA Conference at University of Cape Town – Cape Town

**2014:** Future of Climate Change Meeting – Gothenburg; WCERE - Istanbul Turkey; Growth and Development Conference at Courant Centre - Gotningen, Germany

2013: Adaptation Collogium for African Climate Development Initative - Cape Town

**2012:** Business and Governance of Climate Change Workshop GOB

**2011:** COP17 Side Event, Leading by Example: The Swedish Example – Case studies of climate change research in Developing Countries - Durban; COP17 Plenary session presentation – RINGO Presentation on behalf of Academia & NGOs; OECD-FSB Financial Education Conference, Cape Town; Workshop on Impact Evaluation Methodologies for Financial Capacity Enhancement Programs – FEF, Cape Town

**2010:** 7th Annual World Congress of Environmental Economics – Montreal, Canada; Putting a Price on Carbon, Energy Research Centre Conference - Cape Town, S. Africa; Environmental and Resource Economics Conference - Cape Town, South Africa

**2009:** National Climate Summit – Johannesburg, South Africa

**2007:** Annual meeting of the Economics Science Association – Rome, Italy

**2006:** 7th Annual World Congress of Environmental Economics – Kyoto, Japan; Annual European meeting of the Economics Science Association – Nottingham, UK; Conference on Poverty and Inequality, CSAE - Oxford, United Kingdom.

**2005:** Spring Meeting for Young Economists – Geneva, Switzerland; Annual meeting of the Economics Science Association – Montreal, Canada; Annual European Meeting of the Economics Science Association - Allessandria, Italy.

**2004:** The 9th Annual African Conference in Econometric Modeling, African Econometrics Society; Conference on African Development and Poverty Reduction: Macro-Micro Economics Linkages - hosted by Cornell University; Trade and Industrial Policy Secretariat and the Development Policy Research Unit – Cape Town

#### Research Grants

PI, SANOCEAN, (R3m)

PI, NEWT, (R800k)

Co-PI, EFD Marine Plastics (R2m)

WCG/EFD Schools Smartmeter Study, (R300k + R800k)

CO-PI, Lessons from Day Zero, (R500k)

PI, EfD, Multicountry Study on Risk Prefernces and Adaptation in Semi-Arid Regions, (R3m)

PI, WRC, Behvioural Nudges – Turning Academic Learning into Policy Action, (R2m)

PI, ENERGIA: Gender, Poverty and Climate Change (**R7,86m**)

Co-PI, National Treasury: Green Ambassadors and Complementary Currency TMS (**R2,21m**)

PI, South-Africa Norway Bilateral Agreement, Behavioral Interventions for Water and Energy Savings (**R5,1m**)

Co-PI, CARIAA Adaptation at Scale in Semi- Arid Areas, ACDI Consortium with START, OXFAM, IIHS, UEA: (CAN\$30m)

PI, EFD 2014 – SUCSES, Gender and Climate Change Project (**R300 000**)

Co-PI, IDEAS 42, Behavioral Climate Change Project for Western Cape Government (R2m)

EFD – Behavioral Nudges and Energy Savings (**R180 000**)

PI, WRC – Water savings and Loss Aversion, 2014-2015 (**R642 500**)

PI, ESKOM 2014-2015 (**R1,6m**)

FULBRIGHT Scholarship - Research Visit Abroad 2012/13

Commons Fellow - FORMAS 2012

Sida/EFD Funding 2007-13: 15 projects (**R3m**)

African Climate Development Initiative funding (**R150k**)

VC strategic Thrust funding – Climate Change (**R750k**)

Water Research Commission funding 2012&13
Fiscal and Financial Commission funding 2012
Hollard M&E Evaluations 2012 & 2014
AgeWell Funding 2013
LRS/AWARD collaboration 2012
National Research Foundation Special Areas Program, 2004
Adlerbertska Stiffelsen (with Peter Martinsson), 2003
UCT BLOCK GRANT 2002, 2003 & 2012, 2013

#### Postgraduate Supervision

**Post-doctoral supervision:** Dambala Gelo 2018; Kerri Brick 2015; Byela Tibesigwa 2014/2015; Amon Taruvinga 2015 (CIRCLE); Stephanie Giamporcaro 2008/2009

**Doctoral supervision:** Rebeka Klege 2016-current; Zachary Gitonga 2016-current; Chalmers Mulwa 2016-current; Will Ruddick 2016-current; Pertra De Abreu 2014/2015(Co-Supervisor); Loveline Tse 2014/2015 (Co-Supervisor) Love Idiosa 2014/2015 (Co Supervisor, Stellenbosch University); Kerri Brick – Graduated 2014; Byela Tibesigwa – Graduated 2014; Adewara Sunday – Graduated 2013; Samantha DeMartino – Sussex (Visiting PODER PHD student)

**Masters Supervision:** Emilie Albert 2019-current; Samantha De Kock 2019-current; Kenneth Berger 2018-2019; Olivia Rush 2016; Johanna Bruhl 2016; David Black 2015-2016; Steffanie Musungarabwi 2015-2016; Rowan Clarke 2014-2019; Grant Smith 2007-2013; Ant Dane 2011-2012; Steve Arowolo 2011-2012; Hafsah Jumare 2014-2015; Rabson Kanenye 2014-2015; Alex Child 2014-2015; Tamzin Ratcliffe (ACDI) 2014-2015; Feri Gwata 2010-2012; Louse Thompson 2009; Boipiso Modiso 2007; Reviva Hasson 2007-2009

**Honours Supervision**: Reviva Hasson 2006; Matthew Breier 2006; Andre Hofmeyr 2007; Jeanne-Marie Tucker 2007; Brennan Hodkinsson 2008; Jamil Moorad 2009; Grant Bridgeman 2009; Zoe Van der Hoven 2010; Lisa Pretorius 2010; Noel Verinder 2011; Kirsten Mulcahey 2011; Olivia Rush 2016

#### Administrative Management

Director of EPRU 2009-2011 and 2018-current; EPRU Executive Committee & Senior Research Fellow; RUBEN Executive; Course Coordination (ECO321S, ECO3009S, ECO3020F, ECO4052Z,ECO5052S); Steering Committee for the African Climate Development Initiative 2011-2014; Coordination Committee for ACDI Masters programme in Climate Change: Designing the Course Structure, Interviewing stakeholders, timetabling; Joint design and offering a master's field course in "Climate Change and Sustainable Development" with Maria Damon (New York University) for attended by visiting students from New York University.; Higher Degrees Committee; Post Graduate Committee; Microeconomics Committee; Humans Faculty Board Representative for School of Economics

#### Consultancies

**AgeWell**: Scoping evaluation of peer support programs for the elderly **ESKOM**: The role of different billing practices on Consumer Behaviour

Financial and Fiscal Commission: Impacts of Climate Change on Rural Municipalities and

Agriculture in South Africa

**Hollard Insurance**: Financial Literacy Evaluation of ABS for Insurance Program

**Legal Resource Centre**: Impact of Water/Coal Mining **Labour Research Services**: Fishing Quota allocations

TIPS: Climate Change and Impact of Border Taxes on the South African Steel Industry

WWF: Trade and Environment: Case study of the South African Steel industry

### **Network Participation**

EFD Annual Meeting Addis 2018; EFD Annual Meeting Cape Town 2007; EFD Annual Meeting Beijing 2008; EFD Annual Meeting Nairobi 2009; EFD Coordinators Meeting Montreal 2010; ACDI Research Day 2012; EFD Annual Meeting Cape Town 2013; PSO7 – Adaptation Network (Western Cape); Bergrivier Climate Knowledge Network (Quarterly meets, 2013&2014)

**International Researchers hosted:** Professor Stephanie Rosenzweig (Utrecht University, Netherlands); Utz Wentzel (Neijmegin University, Netherlands); Peter Berck (University of Berkeley, California); Maria Damon (New York University); Jorge Garcia (Cisero); Mintewab Bezabih (LSE); Samantha De Martino (Sussex University); Kelsey Jack (Tufts University); Marian Garcia (University of Oviedo); Bertil Tungodden (NHH Choice Lab); Mark Jeuland (Duke University); Gunnar Kohlin (Gothenburg University)

# Referees

#### International

**Professor Gunnar Kohlin** (Director of the Environment for Development Initiative), Department of Economics, University of Gothenburg, Gothenburg, Sweden. Tel: + 46 31 773 25 55, email: Gunnar.Kohlin@economics.qu.se

**Prof. Dr. Martin Kocher**, Department of Economics, University of Munich. Tel: +49 89 2180 9726, email: martin.kocher@lrz.uni-muenchen.de

**Professor Dale Whittington**, Department of Environmental Sciences and Engineering, Chapel Hill, USA. Tel: (919) 9667645, email: dale whittington@unc.edu

#### National:

**Professor Anthony Black**, School of Economics, University of Cape Town, South Africa. Tel: + 27 21 650 2729, email: Anthony.Black@uct.ac.za

**Professor Mark New**, Pro-Vice Chancellor and Director of the African Climate and Development Initiative, South Africa. Tel: +27 21 6502920, email: mark.new@acdi.uct.ac.za, <a href="https://www.acdi.uct.ac.za">www.acdi.uct.ac.za</a>

# **Publications**

## Citations and Academic Rankings

Google Scholar Citations: 1537 Google Scholar h-index: 21 Google Scholar i10 index: 41

#### Peer reviewed Publications

Hasson, R., Leiman A. and M. Visser. 2006. The Economics of Plastic Bag Legislation in South Africa. *South African Journal of Economics*. Issue 3. pp 66-83.

Breier, M. and M. Visser, M. 2006. Participatory development in rural South Africa: A Game Theoretic analysis with specific reference to the community water supply and sanitation program. **South African Journal of Economics**. Volume 74. Issue 2, p 301-314.

Hofmeyer, A., J. Burns and M. Visser. 2007. Income Inequality, Reciprocity and Public Goods Provision. *South African Journal of Economics*, Vol 75. Issue 3, p508-520.

Kocher, M., P. Martinsson and Visser M. 2008. Does stake size matter for cooperation and punishment? *Economics letters* (99): 508-511.

Brick, K and Visser, M. 2010, What is Fair? Meeting a national Emission Reduction Target in an Experimental Setting, *Climate Policy*, 10(5):543-559.

Visser, M. and Booysen, F. 2010. Determinants of the choice of health care facility utilized by individuals in HIV/AIDS-affected households in the Free State province of South Africa, **South African Journal of Economics.** 

Hasson, R. Lofgren A. and Visser, M. 2010. Climate Change in a Public Goods Game: Investment Decision in Mitigation versus Adaptation. *Ecological Economics*, 70(2):331-338

Brick, K., and Visser, M. 2011. Green certificate trading. *Journal of Energy in Southern Africa*, 22(1): 42-54

Brick, K., Visser M., and Burns. J, 2011. Risk Aversion: Experimental Evidence from South African Fishing Communities. *American Journal of Agricultural Economics*, 94(1):133-152

Sterner, T., Damon, M., Kohlin, G., and Visser, M. 2012. Capacity Building to deal with Climate Challenges Today and in the Future. *Journal of Environment and Development,* 1070496511435672

Kocher, M., Martinsson, P., and Visser. M. 2012. Social capital, cooperative behavior and norm-enforcement. *Journal of Behavioral Economics and Organization*, 81.2 (2012): 341-354.

Dikgang, J. Leiman, A., and Visser, M. 2012. Electricity Demand, Price and Time: Lessons from South Africa's plastic-bag levy. *Applied Economics*, 44.26 (2012): 3339-3342.

Dikgang, J. and Visser, M. 2012, Behavioural Response to plastic bag legislation in Botswana. **South African Journal of Economics**, 80.1: 123-133.

Hasson, R. Lofgren A. and Visser, M. 2012. Treatment Effects of Ambiguity and Uncertainty on Mitigation and Adaptation behviour in an Experimental Setting. *South African Journal of Economics*, 75.1 2007: 66-83.

Dikgang, J. Leiman, A. and Visser, M. 2012. Analysis of the plastic-bag levy in South Africa. *Resources, Conservation and Recycling* 66: 59-65.

Brick, Kerri, Martine Visser, and Zoe Van der Hoven, 2013. Cooperation and Climate Change: Can Communication Facilitate the Provision of Public Goods in Heterogeneous Settings?." *Environmental and Resource Economics*, 1-23.

Muchapondwa, E., Brick, K., and Visser. M., 2014. Abalone Conservation in the Presence of Drug Use and Corruption: Implications for Its Management in South Africa, *International Journal of Sustainable Economy*. 18 6.2: 201-216.

Brick, K and Visser, M., 2015. What is Fair? An experimental Guide to Climate Negotiations. *European Economic Review.* 74, 79-95.

Tibesigwa, B., Visser, M., & Turpie, J., 2015. The impact of climate change on net revenue and food adequacy of subsistence farming households in South Africa. *Environment and Development Economics*, 20(03), 327-353.

Brick, Kerri, and Martine Visser. 2015. "Risk preferences, technology adoption and insurance uptake: A framed experiment." *Journal of Economic Behavior & Organization* 118 (2015): 383-396.

Visser, Martine, and Justine Burns. 2015 "Inequality, social sanctions and cooperation within South African fishing communities." *Journal of Economic Behavior & Organization* 118 (2015): 95-109.

Tibesigwa, B. and Visser, M. 2015. Multiple sex partnerships and social norms: Evidence from young adults in the metropolitan communities of Cape Town, South Africa", *Sexuality Research and Social Policy* 12(4):301-316.

Tibesigwa, B., Visser, M., and Hodkinson, B., 2016. Effects of Objective and Subjective Income Comparisons on Subjective Wellbeing. *Soc Indic Res* 128: 361. doi:10.1007/s11205-015-1035-1

Tibesigwa, B, Visser, M, Twine, W, and Collinson, M. 2016. Investigating the Senstitvity of Household Food Security to Agriculture-related Shocks and the Implication of Informal Social Capital, *Sustainability Science* 1: 193. doi:10.1007/s11625-015-0332-6

Tibesigwa, B. and Visser, M. 2016. Small-scale Subsistence Farming, Food Security, Climate Change and Adaptation in South Africa: Male-Female Headed Households and Urban-Rural Nexus, recently accepted in *World Development*: 88(2016): 33-49

Taruvinga, A., Visser, M. and Zhou, L. 2016. Barriers and Opportunities to Climate Change Adaptations in rural Africa: Evidence from Eastern Cape of South Africa, **International Journal of Sustainable Development** 5 (11): 518-535.

Taruvinga, A., Visser, M. and Zhou, L. Determinants of rural farmers' adoption of climate change adaption strategies: evidence from the Amathole District Municipality, Eastern Cape Province, South Africa. **International Journal of Environmental Science and Development** 7(9) 687.

Jumare, H., Visser, M. and Brick, K. 2018. Risk preferences and the poverty trap: a look at farm technology uptake among smallholder farmers in the Matzikamma Municipality, Chapter 8: 169-198 in **Agricultural Adaptation To Climate Change in Africa: Food Security in a Changing Environment**. Edited by C. Berck, P. Berck and S. Di Falco

Tibesigwa, B., Visser, M., Lokina, R., and Jacob, R. 2018. Contribution of smallholder agriculture to daily calories, macronutrients, minerals and vitamins in male- and female headed farm households in sub-Saharan Africa, Chapter 13: 297-339 in **Agricultural Adaptation To** 

**Climate Change in Africa: Food Security in a Changing Environment**. Edited by C. Berck, P. Berck and S. Di Falco

Harris, L., Zhao, J., and Visser, M. 2018. Nudging Cape Town's residents to save water. **Lab Management and Science**, 37(2):6-6.

Booysen, T. Visser, M. and Burger R. 2019. Once upon a drought in Cape Town: A temporal study of household behvioural response leading upto Day Zero using smart water meters. *Submitted to Water Research.* 149 (2019) 414-420 <a href="https://doi.org/10.1016/j.watres.2018.11.035">https://doi.org/10.1016/j.watres.2018.11.035</a> (Impact Factor **7.051**)

Sinclair-Smith, K. Mosdell, S., Kaiser, G., Lalla, Z., September, L., Mubadiro, C., Rushmere, S., Roderick, K., Bruhl, J., McCalren, M., Visser, M. 2018. City of Cape Town's Water Map. **American Water Works Association**; Vol 110, Issue 9; p 62-

66 https://awwa.onlinelibrary.wiley.com/toc/15518833/2018/110/9

Jumare, H, Visser, M. and Brick, K., 2017. Technology Uptake and Insurance amongst Small Scale Farmers in South Africa – The Role of Behavioural Prefences and Poverty in Driving Decision making. ERSA Working paper; Recently accepted in *Journal of Behavior and Organization.* 

Brühl, J., Smith, G. and Visser, M. 2019. Simple is good: Redesigning utility bills to reduce complexity and increase understanding, ERSA, *Utilities Policy*, 60:100934.

Barron, M., Clarke, R. Amanda Elam, Klege, R., Shankar, A., and Visser, M. 2019. Gender and entrepreneurial ability in the renewable energy sector in rural East Africa. Provisionally accepted in to *IDS Bulletin*.

Klege, R. Visser, M., Darling, M. and Datta, S. 2018. Behavioural Nudges: The effectiveness of Competition and Responsibility Assignment in Saving Energy amongst Employees. ERSA Working Paper, Submitted to *Energy Economics*.

Booysen, T., Ripunda, C. and Visser, M. 2019. Results from a water-saving maintenance campaign at Cape Town schools in the run-up to Day Zero, *Sustainable Cities and Society,* **50**:101639

Larissa Batrancea; Anca Nichita; Jerome Olsen; Christoph Kogler; Erich Kirchler; Erik Hoelzl; Avi Weiss; Benno Torgler; Jonas Fooken; Joanne Fuller; Markus Schaffner; Sheheryar Banuri; Medhat Hassanein; Gloria Alarcón-García; Ceyhan Aldemir; Oana Apostol; Diana Bank Weinberg; Ioan Batrancea; Alexis Belianin; Felipe de Jesús Bello Gómez; Marie Briguglio; Valerij Dermol; Elaine Doyle; Rebone Gcabo; Binglin Gong; Sara Ennya; Anthony Essel-Anderson; Jane Frecknall-Hughes; Ali Hasanain; Yoichi Hizen; Odilo Huber; Georgia Kaplanoglou; Janusz Kudła; Jérémy E. Lemoine; Supanika Leurcharusmee; Thorolfur Matthiasson; Sanjeev Mehta; Sejin Min; George Naufal; Mervi Niskanen; Katarina Nordblom; Engin Bağış Öztürk; Luis Pacheco; József Pántya; Vassilis Rapanos; Christine Roland-Lévy; Ana Maria Roux-Cesar; Aidin Salamzadeh; Lucia Savadori; Vidar Schei; Manoj Sharma; Barbara Summers; Komsan Suriya; Quoc Tran; Clara Villegas-Palacio; Martine Visser; Chun Xia; Sunghwan Yi; Sarunas Zukauskas, 2019. Trust and Power as determinants of tax compliance across 44 nations. Journal of Economic Psychology, 102191.

Brühl, J. and Visser, M. 2019. Inattention to Consumption: How to Redirect Attention towards Desired Actions. Under Revise and Resubmit with *Journal of Behavioural and Experimental Economics*.

Visser, M., Booysen, T., Berger, K., and Brühl, J. 2019. Responsibility and competition: A behavioural study on water use in schools. *Submitted to Journal of Environmental Economics and Management.* 

Brick, K., Demartino, S., Visser, M., 2018. Behavioural Nudges for Water Conservation: Experimental Evidence from Cape Town, South Africa, Draft Working Paper, DOI: 10.13140/RG.2.2.25430.75848. *Submitted to American Economic Journal: Applied Economics.* 

Klege, R. Visser, M., Darling, M. and Datta, S. 2018. Behavioural Nudges: The effectiveness of Competition and Responsibility Assignment in Saving Energy amongst Employees. ERSA Working Paper, *Submitted to Energy Economics*.

Mulwa, C., & Visser, M. 2018. Ambiguity Aversion and Demand for Weather Information in Agricultural Technology Adoption; Case of Namibia. Submitted to **Experimental Economics.** 

### **Working Papers**

Green Nudges in the DSM toolkit: Evidence from Water Guzzlers in Drought-Stricken Cape Town; DOI: 10.13140/RG.2.2.16413.00489 on Research Gate and Academia

Smith, G. and Visser, M, 2013 "Social Norms and moderation of water consumption in a major South African City" WRC Working Paper

Brick, K., Demartino, S., Visser, M., 2018. Behavioural Nudges for Water Conservation: Experimental Evidence from Cape Town, South Africa, Draft Working Paper, DOI: 10.13140/RG.2.2.25430.75848

Child, A. and Visser, M. 2016. The Announcement Effect: the impact of early warnings of future thresholds under different framing and risk contexts. ERSA Working Paper.

Brick, K., Bruhl, J., Visser, M, and Garcia, J. 2017. Impact of Behavioural Messaging on Water Consumption and Technology Uptake: Evidence from a Randomised Experiment in South Africa, Technical Report, WRC Technical Report.

### Work in Progress

De Martino, S., Brick, K., Visser, M, and Garcia, J. 2017. Image motivation for pro-Social behavior: Evidence from A Randomized Control TriaL in South Africa, Forthcoming.

Barron, M., Clarke, R. and Visser, M. 2017. A role for subsidies in the provision of renewable energy for the rural poor? Evidence from stakeholder interviews and pricing tests. Draft Working Paper, University of Cape Town

Visser, M. Child, A., Moorad, J., and Akpalu, W. 2015. The Impact of Announcing Future Punishment Opportunities in a Public Goods Game. Draft Working Paper, University of Cape Town.

Mulwa, C., & Visser, M. 2018. Ambiguity Aversion and Demand for Weather Information in Agricultural Technology Adoption; Case of Namibia. Draft Working Paper

Brick, K. and Visser, M. 2016 Who should pay for climate? Public perceptions in a multi-country experiment. Draft Working Paper

Visser, M., Bruhl, J., 2019. The Cape Town Drought – Lessons learned about the impact of policy instruments in curbing water demand in a time of crisis. Draft Working Paper, University of Cape Town

Visser, M. and Bruhl, J. 2018. A drought-stricken Cape Town comes together to save water: Empirical evidence using Big Data. Draft Working Paper.

Visser, M. and Bruhl, J. 2018. Commonalities about indigent response to behavioural messaging, cooperation and payments for services: Is it moral licencing or conspicious consumption? Evidence from a large-scale randomised control trial in Cape Town. Draft Working Paper.

Visser, M. and Bruhl, J. 2019. The Gini Co-Efficient of Water. Draft Working Paper.