

CURRICULUM VITAE

ROULA INGLESIL-LOTZ, Ph.D.

Personal webpage: <https://sites.google.com/site/roulainglesilotzphd/>

Contents

1.	Personal information and contact details.....	2
2.	Employment history	2
3.	Education.....	2
4.	Awards and Recognition	3
5.	Teaching experience.....	4
6.	Research	6
7.	Miscellaneous.....	19

1. Personal information and contact details

Title	Prof
Name and surname	Roula Inglesi-Lotz
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Nationality:	Greek (citizenship)
Residence:	South Africa (permanent residence)

2. Employment history

- Associate Professor, Department of Economics, University of Pretoria, Pretoria, South Africa. From January 2015.
- Senior Lecturer, Department of Economics, University of Pretoria, Pretoria, South Africa. From September 2011 to December 2014.
- Assistant Lecturer, Department of Economics, University of Pretoria, Pretoria, South Africa. From January 2008 to August 2011.
- Researcher, AFRINEM, Department of Economics, University of Pretoria, Pretoria, South Africa. From January 2008 to March 2010.
- Client service, National Bank of Greece, Thessaloniki, Greece. From June to October 2005.

3. Education

- Ph.D., 2011, Economics, University of Pretoria, Pretoria, South Africa
- MCom (cum laude), 2008, Economics, University of Pretoria, Pretoria, South Africa
- BCom and BCom (Hons), 2006, Economics, University of Macedonia, Thessaloniki, Greece

4. Awards and Recognition

4.1 General awards

- Distinguished Young Woman Researcher in the Humanities and Social Sciences category at the 2017 Women in Science Awards by the South African Department of Science and Technology.
- National Research Foundation (NRF) rated: Category Y1. Effective 1 January 2017

4.2 University of Pretoria

- Senior Researcher of the year 2016 in the field of Economics of the Faculty of Economic and Management Sciences, University of Pretoria.
- Runner-up, Senior Researcher of the year 2015 in the field of Economics of the Faculty of Economic and Management Sciences, University of Pretoria.
- Junior researcher of the year 2014 of the Faculty of Economic and Management Sciences, University of Pretoria.
- Exceptional Young Researcher Award 2013, University of Pretoria.

4.3 Department of Economics, University of Pretoria

- Postgraduate Lecturer of the year. 2017. Department of Economics, University of Pretoria.
- Junior Researcher of the year 2014, Department of Economics, University of Pretoria
- Junior Researcher of the year 2013, Department of Economics, University of Pretoria
- Junior Researcher of the year 2011, Department of Economics, University of Pretoria

4.4 Student awards

- Economics Head of Department Prize for achievement in Economic Research at Doctoral Level in 2011.
- Economic Research South Africa (ERSA) Certificate of Merit for Meritorious Performance in Economics. 1st placed in the PhD year of study for 2011.
- Economic Research South Africa (ERSA) Certificate of Merit for Meritorious performance in Economics 2008
- Academic Honorary colours on behalf of the Student Community of the University of Pretoria 2008
- Dean's list award for Academic excellence in 2008
- AFRINEM prize for outstanding performance in Economics at Masters level for the year 2008

5. Teaching experience

5.1 Modules lectured within the curriculum

- Time-series econometrics (Honours level) (2017)
- Economics of energy and the environment (Masters level) (2016-2017)
- Research methodology (Honours level) (2016-2017)
- Economics: Undergraduate (2009, 2011, 2012-2015 [+co-ordinator])
- Economics for actuarial students: Undergraduate (2010)

5.2 Short courses

- Econometrics: Seminars for practitioners (Biannually since 2009). Organised by Enterprises at University of Pretoria.
- Energy and Mineral Economics, Funded by Australian Awards, co-taught with the Australian National University (ANU). March and April 2017. Organised by Enterprises at University of Pretoria.

5.3 Student supervision: Honours

1. Marie Dominique Kouakou, 2017. "Mortality rates and carbon dioxide emissions".
2. Tshogofatso Molefe, 2017. "Carbon intensity: Positioning South Africa".
3. Hope L. Muronga, 2017. "The effect of energy on output per worker in South African mines".
4. Masedi Sesele, 2017. "Carbon intensity: Is South Africa "dirtier" than other countries?"
5. Benjamin Ntsabele, 2016. "Long-run relationship between oil quantity used in the South African transport sector and its determinants: A cointegration approach".
6. Matome Modiba, 2016. "The determinants of energy consumption in the South African transport sector: A decomposition analysis".
7. Lerato Enele, 2016. "Factors driving demand for energy within the transport sector for the BRICS countries".
8. Luis diez del corral, 2015. "Cointegration in long term prices of domestic electricity, coal, crude oil, gas, wind and solar: A study of Germany".
9. Lauren Kuhn, 2015. "Revisiting Residential Electricity Demand in South Africa".
10. Karmie Wessels, 2013. "Renewable energy in South Africa: A cost-benefit analysis of solar energy".
11. Hendrik Lourens, 2013 "The relationship between renewable energy and economic growth in South Africa"

5.4 Student supervision: Masters

1. J-R Boltman, Expected year of completion: 2017. Title to be decided.
2. Jeetesh Manilall, 2017 (Graduation 2017). An Energy Efficient, Environmental Kuznets Curve Model (EE EKC). Thesis Grade 75%.
3. Tessie Chinembiri, 2016 (Graduation 2017). Determinants of energy efficiency in Zambia: the role of hydropower. Thesis Grade 78%.
4. Kerschyl Singh, 2016 (Graduation 2017). Energy Poverty in Sub-Saharan Africa. Thesis Grade 70%.
5. Luis diez del corral, 2016 (Graduation 2017). The effect of education on a country's energy profile: Evidence from developed and developing countries. Thesis Grade 78%.
6. Nolwazi Hlophe, 2016. "Environmental Kuznets curve in South Africa: Factors affecting it". Thesis Grade 75%
7. Jessika Andreina Torres Noriega, 2015. Co-supervision with Prof J. van Heerden. MCom Economics, "A Supply Side Evaluation of New Power Generation in South Africa: A CGE Application". Thesis Grade 80%
8. Jaco Weideman, 2015. Co-supervision with Prof J. van Heerden. MCom Economics, "Structural Breaks in Renewable Energy in South Africa: A Bai-Perron break-test application" Thesis Grade 76%
9. Amandine Nakumuryango, 2014. MCom Economics, "South Africa's performance on renewable energy and its relative position against the OECD countries and the rest of Africa". Thesis Grade 75%
10. Janneke Dlamini, 2013, MCom Economics, Co-supervision with Prof R. Gupta, "Revisiting the causality between electricity consumption and economic growth in South Africa: A bootstrap rolling-window approach". Thesis Grade 75%
11. Wendy Cowan, 2013, MCom Economics, "The nexus of electricity consumption, economic growth and CO2 emissions in the BRICS countries". Thesis Grade 80%
12. Hamilton Ntuli, 2013, MCom Economics, "Research output and Economic Growth in 34 OECD countries: A bootstrap panel causality exercise". Thesis Grade 72%.
13. Vittorio Peretti, 2012, MCom Economics, Co-supervision with Prof R. Gupta, "Do house prices impact consumption and interest rate in South Africa? Evidence from a time-varying Vector Autoregressive Model". Thesis Grade 77%

5.5 Student supervision: PhD

1. Jessika Bohlmann. Expected year of completion: 2018. Co-supervision with Prof J.N. Blignaut. Evaluating the impacts of energy and environmental policy on South African households. Proposal submitted.
2. Vanessa Ndlovu. Expected year of completion: 2018. The role of renewable energy in the South African energy supply mix and economy. Proposal submitted.
3. Amandine Nakurumyango. Expected year of completion: 2019. Title to be announced.
4. Tessie Chinembiri. Expected year of completion: 2020. Co-supervision with Dr Matthew Clance. Title to be announced.

6. Research

6.1 Fields of interest

- Energy economics
- Environmental economics
- Economic growth and development
- Time series and panel data econometrics
- Scientometrics

6.2 Publications in peer-reviewed journals (48 accepted papers to date)

Forthcoming

48. Lin, F.L., Inglesi-Lotz, R., Chang, T., "Revisit Energy Consumption, CO2 Emissions and Economic Growth in China and India Using a Newly Developed Bootstrap ARDL Bound Test". *Energy Exploration and Exploitation*, Forthcoming.
47. Pouris, A., Inglesi-Lotz, R. "The contribution of copyright and related-rights-based industries to the South African economy". *South African Journal of Science*, Forthcoming.
46. Zhang, X., Chu, H-P., Chang, T., Inglesi-Lotz, R. "Revisiting Coal Consumption and Output Nexus in China and India: A Frequency Domain Approach". *Energy sources Part B: Economics, Planning and Policy*, Forthcoming.
45. Chen, Y., Inglesi-Lotz, R., Chang, T. "Revisiting the asymmetric causal link between energy consumption and output in China: Focus on coal and oil consumption". *Energy sources Part B: Economics, Planning and Policy*, Forthcoming.

2017

44. Gupta, R., Inglesi-Lotz, R., Muteba Mwaba, J. 2017. "Electricity demand in South Africa: Is it Asymmetric?". *OPEC Energy reviews*, 41 (3), 226- 238.
43. Dogan, E., Inglesi-Lotz, R. 2017. "Analyzing the effects of real income and biomass energy consumption on carbon dioxide (CO₂) emissions: Empirical evidence from the panel of biomass-consuming countries". *Energy*, 138, 721-727.
42. Weideman, J., Inglesi-Lotz, R., van Heerden, J. 2017. "Structural Breaks in Renewable Energy in South Africa: A Bai & Perron Break Test Application". *Renewable and Sustainable Energy Reviews*, 78, 945-954.
41. Inglesi-Lotz, R. 2017. "Social Rate of Return to R&D on Various Energy Technologies: Where Should We Invest More? A Study of G7 Countries". *Energy Policy*, 101, 521-523.
40. Chang, T., Deale, F.W., Gupta, R., Hefer, R., Inglesi-Lotz, R. and Simo-Kengne, B.D., 2017. "The causal relationship between coal consumption and economic growth in the BRICS countries: Evidence from panel-Granger causality tests". *Energy sources Part B: Economics, Planning and Policy*, 12, 2, 138-146.

2016

39. Dlamini, J., Balcilar, M., Gupta, R., Inglesi-Lotz, R. "Revisiting the causality between energy consumption and economic growth in South Africa: A bootstrap rolling-window approach". *Energy sources Part B: Economics, Planning and Policy*, 11(7), 617-625.
38. Inglesi-Lotz, R., Gupta, R., 2016. "Detection of multiple bubbles in South African electricity prices". *Energy Sources Part B: Economics, Planning and Policy*, 11 (7), 637-642.
37. Inglesi-Lotz, R. and Pouris, A. 2016. "On the causality and determinants of energy and electricity consumption in South Africa: A review". *Energy Sources, Part B: Economics, Planning, and Policy*, 11(7), 626-636.
36. Bohlmann, J.A., Bohlmann, H.R., Inglesi-Lotz, R., van Heerden, J., 2016. "An Economy-Wide Evaluation of New Power Generation in South Africa: The Case of Kusile and Medupi". *Energy Policy*, 97, 450-460.
35. Chang, T. Gupta, R., Inglesi-Lotz, R., Masabala, L.S., Simo-Kengne, B.D., Weideman, J.P. 2016. "The causal relationship between natural gas consumption and economic growth: Evidence from the G7 countries". *Applied Economics Letters*, 23(1), 38-46.

34. Hatemi-J., A. Ajmi, A.N. El Montasser, G., Inglesi-Lotz, R. and Gupta, R., 2016. "Research Output and Economic Growth in G7 Countries: New Evidence from Asymmetric Panel Causality Testing". *Applied Economics*, 48(24), 2301-2308.
33. Blignaut, J., Mander, M., Inglesi-Lotz, R., Glavan, J., and Parr, S, 2016. "The amenity value of Abu Dhabi's coastal and marine resources to its beach visitors". *Ecosystem services*, 19, 32-41.
32. Inglesi-Lotz, R. 2016. "The Impact of Renewable energy consumption to economic welfare: A panel data application". *Energy Economics*, 53, 58-63.
31. Nakurumyango, A., Inglesi-Lotz, R., 2016. "South Africa's performance on renewable energy and its relative position against the OECD countries and the rest of Africa". *Renewable and Sustainable Energy Reviews*, 56: 999-1007.

2015

30. Dlamini, J., Balcilar, M., Gupta, R., Inglesi-Lotz, R. 2015. "Revisiting the causality between electricity consumption and economic growth in South Africa: A bootstrap rolling-window approach". *International Journal of Economic Policy in Emerging Economics*, 8(2), 169-190.
29. Chang, T., Gupta, R., Inglesi-Lotz, R., Simo-Kengne, B.D., Smithers, D., Trembling, A.B., 2015. "Renewable Energy and Growth: Evidence from Heterogeneous panel of G7 countries using Granger Causality". *Renewable and Sustainable Energy Reviews*, 52, 1405-1412.
28. El-Montasser, G., Inglesi-Lotz, R., Gupta, R., 2015. "Convergence of Greenhouse Gas emissions among G7 countries". *Applied Economics*, 47(60), 6543- 6552.
27. Inglesi-Lotz, R., Blignaut, J.N., Weideman, J.P., 2015. "Sectoral electricity elasticities in South Africa: Before and after the electricity supply crisis of 2008". *South African Journal of Science*, 111(9/10), 1-7.
26. Ntuli, H., Inglesi-Lotz, R., Chang, T., Pouris, A., 2015. "Does research output cause economic growth or vice versa? Evidence from 34 OECD countries". *Journal of the Association for Information Science and Technology*, 66(8), 1709-1716.
25. Inglesi-Lotz, R., Chang, T., Gupta, R. 2015. "Causality between research output and economic growth in BRICS". *Quality and Quantity*, 49(1), 167-176.

24. Chang, T., Gadinabokao, O., Gupta, R., Inglesi-Lotz, R., Kanniah, P., Simo-Kengne, B.D., 2015. "Panel Granger causality between oil consumption and GDP: Evidence from BRICS countries". *International Journal of Sustainable Economy*, 7(1), 30-41.

2014

23. Inglesi-Lotz, R. 2014. "The sensitivity of the South African industrial sector's electricity consumption to electricity price fluctuations". *Journal of Energy in Southern Africa*, 25(4), 2-9

22. Balcilar, M., Van Eyden, R., Inglesi-Lotz, R., Gupta, R., 2014. "Time-varying linkages between tourism receipts and economic growth". *Applied Economics*, 46(36), 4381-4398.

21. Inglesi-Lotz, R., Van Eyden, R., du Toit, C. 2014. "The evolution and contribution of technological progress to the South African economy: Growth accounting and Kalman Filter application". *Applied Econometrics and International Development*, 14(1), 175-191.

20. Chang, T., Gatwabayege, F., Gupta, R., Inglesi-Lotz, R., Manjezi, N.C., Simo-Kengne, B.D. 2014. "Causal relationship between nuclear energy consumption and economic growth in G7 countries: Evidence from panel Granger causality tests". *Progress in Nuclear Energy* 77, 187-193.

19. Inglesi-Lotz, R., Balcilar, M., Gupta, R., 2014. "Time-Varying Causality between Research Output and Economic Growth in US". *Scientometrics*, 100, 203-216

18. Seymore, R., Inglesi-Lotz, R., Blignaut, J.N. 2014. "Greenhouse gas emissions inventory for South Africa: A comparative analysis". *Renewable and Sustainable Energy Reviews*, 34, 371-379.

17. Pouris, A., Inglesi-Lotz, R., 2014. "The contribution of Higher Education Institutions to the South African economy". *South African Journal of Science*, 110 (3/4), 1-5.

16. Cowan, W., Chang, T., Inglesi-Lotz, R., Gupta, R. 2014. "The nexus of electricity consumption, economic growth and CO2 emissions in the BRICS countries". *Energy Policy*, 66, 359-368.

15. Inglesi-Lotz, R. Blignaut, J.N. 2014. "Improving the electricity efficiency in South Africa through a benchmark-and-trade system". *Renewable and Sustainable Energy Reviews*, 30, 833-840.

2013

14. Inglesi-Lotz, R., Gupta, R. 2013. "House prices and inflation in South Africa". *International Journal of Strategic Property Management*, 17 (2), 188-198.
13. Inglesi-Lotz, R., Pouris, A. 2013. "The influence of scientometric research output of academics on economic growth in South Africa: An autoregressive distributed lag (ARDL) application" *Scientometrics*, 95, 129-139.

2012

12. Gupta, R., Inglesi-Lotz, R. 2012. "Macro shocks and real US stock prices with special focus on the "Great recession". *Applied econometrics and International Development*. 12-2, 123-136.
11. Peretti, V., Gupta, R., Inglesi-Lotz, R. 2012. "Do house prices impact consumption and interest rate in South Africa? Evidence from a time-varying Vector Autoregressive Model". *Economics, Management, and Financial Markets*, 7(4), 25-45.
10. Inglesi-Lotz, R., Blignaut, J.N. 2012. "Estimating the opportunity cost of water for the Kusile and Medupi coal-fired electricity power plants in South Africa". *Journal of Energy in Southern Africa* 23(4), 76-84.
9. Inglesi-Lotz, R., Blignaut, J.N., 2012. "Electricity intensities of the OECD and South Africa: A comparison". *Renewable and Sustainable Energy Reviews* (16), 4491-4499.
8. Inglesi-Lotz, R., Pouris, A. 2012. "Energy efficiency in South Africa: a decomposition exercise" *Energy* 42 (1), 113-120.

2011

7. Inglesi-Lotz, R., Blignaut, J.N., 2011. "South Africa's electricity consumption: A sectoral decomposition analysis". *Applied Energy* 88 (12), 4779-4784.
6. Inglesi-Lotz, R., Blignaut, J.N. 2011. "Estimating the price elasticity of demand for electricity by sector in South Africa". *South African Journal of Economic and Management Sciences* 14 (4), 449-465.
5. Inglesi-Lotz, R. Pouris, A. 2011. "Scientometric impact assessment of a research policy instrument: The case of rating researchers". *Scientometrics* 88(3), 747-760.

4. Inglesi-Lotz, R. 2011. "Evolution of price elasticity demand in South Africa A Kalman filter application". *Energy Policy* 39(6), 3690-3696.

2010

3. Inglesi, R. 2010. "Aggregate Electricity demand in South Africa: Conditional forecasts to 2030". *Applied Energy* 87(1), 197-204.
2. Inglesi, R., Pouris, A. 2010. "Forecasting electricity demand in South Africa: A critique of Eskom's projections". *South African Journal of Science* 106(1/2), 1-4.

2008

1. Inglesi, R. Pouris,A. 2008. "Where are our universities going? 20 years later". *South African Journal of Science* 104(9/10), 345-348.

6.3 Books / Chapters in books / Book reviewer

- Blignaut, J., Mander, M., Inglesi-Lotz, R., Glavan, J., Parr, S. (2017). Economic value of the Abu Dhabi coastal and marine ecosystem services. In *Sustainability in the Gulf: Challenges and Opportunities (Routledge Explorations in Environmental Studies)* (Chapter 12). Routledge, ISBN-13: 978-1138040687.
- Inglesi-Lotz, R. (2017). The role of potential factors and regime-switching modelling (Chapter 4). In Menegaki et al. *The economics and econometrics of the Energy-Growth Nexus*. Elsevier, In Press.
- Inglesi-Lotz, R. (2017). 2nd South African edition of Mankiw / Taylor's Principles of Economics. Reviewer.

6.4 Working paper series

Economic Research Southern Africa (ERSA) Working paper series (peer-reviewed)

1. Inglesi-Lotz, R., 2017. Decomposing the South African CO2 emissions within a BRICS countries context: The Energy Rebound Hypothesis. Working paper no. 690. *Economic Research Southern Africa (ERSA)*.
2. Inglesi-Lotz, R., Diez del corral Morales, L., 2017. The effect of education on a country's energy profile: Evidence from developed and developing countries. Working paper no. 678. *Economic Research Southern Africa (ERSA)*.

3. Inglesi-Lotz, R. 2016. Social rate of return to R&D on Various Energy Technologies: Where should we invest more? A study of G7 countries. Working paper no.618. *Economic Research Southern Africa (ERSA)*.
4. Weideman, J., Inglesi-Lotz, R., 2016. Structural Breaks in Renewable Energy in South Africa: A Bai & Perron Break Test Application. Working paper no.602. *Economic Research Southern Africa (ERSA)*.
5. Inglesi-Lotz, R., Dresselhaus, F. Bohlmann, J. 2015. Assessing the impact of just-in-time methodology, in-lecture activities, and tutor-assisted post-lecture activities in the course experience of first year students in Economics at University of Pretoria. Working paper no.562. *Economic Research Southern Africa (ERSA)*.
6. Bohlmann, J.A., Bohlmann, H.R., Inglesi-Lotz, R., 2015. "An Economy-Wide Evaluation of New Power Generation in South Africa: The Case of Kusile and Medupi". Working paper no.524. *Economic Research Southern Africa (ERSA)*.
7. Inglesi-Lotz, R., Blignaut, J.N. 2011. "Electricity intensities of the OECD and South Africa: A comparison". Working paper no.204. *Economic Research Southern Africa (ERSA)*.
8. Inglesi-Lotz, R., Blignaut, J.N. 2011. "South Africa's electricity consumption: A sectoral decomposition analysis". Working paper no.203. *Economic Research Southern Africa (ERSA)*.

Working paper series of the Department of Economics, University of Pretoria (Indexed in Repec)

1. Weideman, J.P., Inglesi-Lotz, R., 2016. "Structural Breaks in Renewable Energy in South Africa: A Bai and Perron Break Test Application". Working paper No 201636. Department of Economics, University of Pretoria
2. Inglesi-Lotz, R., Dresselhaus, F., Bohlmann, J. 2015. "Assessing the Impact of Just-in-Time Methodology, In-Lecture Activities, and Tutor-Assisted Post-Lecture Activities in the Course Experience of First Year Students in Economics at the University of Pretoria" Working paper No 201590. Department of Economics, University of Pretoria
3. Gupta, R., Inglesi-Lotz, R., Muteba Mwaba, J. 2015. "Energy Demand in South Africa: Is it Asymmetric?" Working paper No 201560. Department of Economics, University of Pretoria

4. Inglesi-Lotz, R., 2015. "Social Rate of Return to R&D on Various Energy Technologies: Where Should We Invest More? A Study of G7 Countries". Working paper No 201549. Department of Economics, University of Pretoria.
5. Gupta, R., Inglesi-Lotz, R., 2015. "Detection of Multiple Bubbles in South African Electricity Prices". Working paper No 201546. Department of Economics, University of Pretoria.
6. Bohlmann, J.A., Bohlmann, H.R., Inglesi-Lotz, R., 2015. "An Economy-Wide Evaluation of New Power Generation in South Africa: The Case of Kusile and Medupi". Working paper No 201540. *Department of Economics, University of Pretoria*
7. Hatemi-J, A., Ajmi, A.N., El-Montasser, G., Inglesi-Lotz, R., Gupta, R., "Research Output and Economic Growth in G7 Countries: New Evidence from Asymmetric Panel Causality Testing" . Working paper No 201438. *Department of Economics, University of Pretoria.*
8. Lee, K-C., Chang, T., Inglesi-Lotz, R., Gupta, R., 2014. "Revisiting the Causal Relationship between CO2 Emissions and Economic Growth in 12 Asian Countries: Evidence from a Bootstrap Panel Causality Test". Working paper No 201413. *Department of Economics, University of Pretoria.*
9. El-Montasser, G., Inglesi-Lotz, R., Gupta, R. 2013. "Convergence of Greenhouse Gas Emissions among G7 Countries". Working paper No 201386. *Department of Economics, University of Pretoria.*
10. Chang, T., Gatwabayege, F., Gupta, R. Inglesi-Lotz, R., Manjezi, N.C., Simo-Kengne, B.D. 2013. "Causal Relationship between Nuclear Energy Consumption and Economic Growth in the G6 Countries: Evidence from Panel Granger Causality Tests". Working paper No 201373. *Department of Economics, University of Pretoria.*
11. Chang, T., Gupta, R., Inglesi-Lotz, R., Simo-Kengne, B.D., Smithers, D., Trembling, A.B. 2013. "The Causal Relationship between Renewable Energy Consumption and Economic Growth: Evidence from the G7 Countries". Working paper No 201372. *Department of Economics, University of Pretoria.*
12. Chang, T., Gadinabokao, O., Gupta, R, Inglesi-Lotz, R., Kanniah, P., Simo-Kengne, B.D. 2013. "Panel Granger Causality between Oil Consumption and GDP: Evidence from the BRICS Countries". Working paper No 201371. *Department of Economics, University of Pretoria.*

13. Chang, T., Gupta, R., Inglesi-Lotz, R., Masabala, L.S., Simo-Kengne, B.D., Weideman, J.P. 2013. "The Causal Relationship between Natural Gas Consumption and Economic Growth: Evidence from the G7 Countries". Working paper No 201370. *Department of Economics, University of Pretoria.*
14. Chang, T., Deale, F.W., Gupta, R., Hefer, R., Inglesi-Lotz, R., Simo-Kengne, B.D. 2013. "The Causal Relationship between Coal Consumption and Economic Growth in the BRICS Countries: Evidence from Panel Granger Causality Tests". Working paper No 201369. *Department of Economics, University of Pretoria.*
15. Balcilar, M., Van Eyden, R., Inglesi-Lotz, R., Gupta, R., 2013. "Time-varying linkages between tourism receipts and economic growth". Working paper No 201363. *Department of Economics, University of Pretoria.*
16. Ntuli, H., Inglesi-Lotz, R., Chang, T., Pouris, A., 2013 "Research Output and Economic Growth in 34 OECD Countries: A Bootstrap Panel Causality Exercise". Working paper No 201355. *Department of Economics, University of Pretoria.*
17. Inglesi-Lotz, R., Balcilar, M., Gupta, R., 2013. "Time-Varying Causality between Research Output and Economic Growth in US". Working paper No 201350. *Department of Economics, University of Pretoria.*
18. Dlamini, J., Balcilar, M., Gupta, R., Inglesi-Lotz, R. 2013. "Revisiting the Causal Relationship between Energy Consumption and Economic Growth in South Africa: Evidence from a Bootstrap Rolling-Window Approach". Working paper No 201341. *Department of Economics, University of Pretoria*
19. Cowan, W., Chang, T., Inglesi-Lotz, R., Gupta, R. 2013. "The nexus of electricity consumption, economic growth and CO2 emissions in the BRICS countries". Working paper No 201340. *Department of Economics, University of Pretoria.*
20. Inglesi-Lotz, R., Gupta, R., 2013. "Causality between Research Output and Economic Growth in BRICS". Working paper No 201337. *Department of Economics, University of Pretoria*
21. Dlamini, J., Balcilar, M., Gupta, R., Inglesi-Lotz, R. 2013. "Revisiting the causality between electricity consumption and economic growth in South Africa: A bootstrap Rolling-window approach" Working paper No 201330. *Department of Economics, University of Pretoria.*

22. Inglesi-Lotz, R. 2013. "The impact of renewable energy consumption to economic welfare: A panel data application". Working paper no.201315 *Department of Economics, University of Pretoria.*
23. Inglesi-Lotz, R. and Pouris, A. 2013. "On the causality and determinants of energy and electricity consumption in South Africa: A review" Working paper no. 201314. *Department of Economics, University of Pretoria.*
24. Inglesi-Lotz, R. 2012. "The sensitivity of the South African industrial sector's electricity consumption to electricity price fluctuations" Working paper no. 201225 *Department of Economics, University of Pretoria.*
25. Peretti, V., Gupta, R., Inglesi-Lotz, R. 2012. "Do house prices impact consumption and interest rate in South Africa? Evidence from a time-varying Vector Autoregressive Model". Working paper no.201216 *Department of Economics, University of Pretoria.*
26. Gupta, R., Inglesi-Lotz, R. 2012. "Macro shocks and real US stock prices with special focus on the "Great recession" Working paper no.201208. *Department of Economics, University of Pretoria.*
27. Inglesi-Lotz, R., Gupta, R. 2012. "House prices and inflation in South Africa". Working paper no.201130. *Department of Economics, University of Pretoria.*
28. Inglesi-Lotz, R., Gupta, R., 2011. "Relationship between House Prices and Inflation in South Africa: An ARDL Approach". Working paper No 201130. *Department of Economics, University of Pretoria*
29. Inglesi-Lotz, R., Blignaut, J. 2011. "Electricity Intensities of the OECD and South Africa: A Comparison". Working paper No 201106. *Department of Economics, University of Pretoria*
30. Inglesi-Lotz, R., Blignaut, J.N. 2011. "South Africa's Electricity Consumption: A Sectoral Decomposition Analysis". Working paper No 201105. *Department of Economics, University of Pretoria*

6.5 Conference presentations

1. Inglesi-Lotz, R., "Examining the energy rebound effect in South Africa within a BRICS countries context". *2017 International Symposium on Environment and Energy finance issues. Paris, France. May 2017.*
2. Inglesi-Lotz, R., "Examining the energy rebound effect in South Africa within a BRICS countries context". *2nd HAEE International Conference. The landscape in the new era of energy transition: Challenges, investment opportunities and technological innovations. Athens, Greece. May 2017.*
3. Inglesi-Lotz, R., "Examining the energy rebound effect in South Africa within a BRICS countries context". *1st AIEE Energy Symposium: Current and Future Challenges to Energy security, organised by the AIEE and International Association of Energy Economists (IAEE). Milan, Italy. December 2016.*
4. Inglesi-Lotz, R., "Social rate of return to R&D on various energy technologies: Impact on Total Factor Productivity (TFP)" *Energy Systems Conference organised by the Energy Institute and Elsevier. London, UK. June 2016.*
5. Inglesi-Lotz, R., "Social rate of return to R&D on various energy technologies: Impact on Total Factor Productivity (TFP). An application on G7 countries." *2nd International Conference on Applied Theory, Macro and Empirical Finance (AMEF), University of Macedonia, Thessaloniki, Greece. May 2016.*
6. Inglesi-Lotz, R., "Social rate of return of R&D Investment in Energy" *ESSA conference 2015. Cape Town, South Africa. September 2015.*
7. Inglesi-Lotz, R., "Social rate of return of R&D Investment in Energy" *G200 Youth Forum, Garmisch, Germany May 2015.*
8. Inglesi-Lotz, R., Gupta, R. Chang, T. "Research output versus economic growth nexus in the BRICS countries: panel data analysis". *ESSA conference 2013. Bloemfontein, South Africa. September 2013.*
9. Inglesi-Lotz, R. "The impact of renewable energy consumption to economic welfare: A panel data application". *International Conference of Applied Energy (ICAE) 2013 organised by Applied Energy journal. Pretoria, South Africa. July 2013.*
10. Inglesi-Lotz, R. Nakumuryango, A. "Renewable energy usage in South Africa: An international comparison" *International Conference of Applied Energy (ICAE) 2013 organised by Applied Energy journal. Pretoria, South Africa. July 2013.*
11. Inglesi-Lotz, R. "The impact of renewable energy consumption to economic welfare: A panel data application". *51st Meeting of the EWGFM organised by ESCP London campus. May 2013.*

12. Inglesi-Lotz, R. Nakumuryango, A. "Renewable energy usage in South Africa: A comparison" *African Utility Week 2013*, Cape Town, South Africa. May 2013.
13. Inglesi-Lotz, R. "The sensitivity of the South African industrial sector's electricity consumption to electricity price fluctuations" *Economic Regulators Conference*, organised by NERSA and TIPS, Pretoria, South Africa. Presented in August 2012.
14. Inglesi-Lotz, R., Blignaut, J.N. "Electricity intensities of the OECD and South Africa: A comparison" *World Renewable Energy Conference 2011*, Linköping, Sweden (Funded by the organising committee).
15. Inglesi-Lotz, R., Blignaut, J.N. "Electricity intensities of the OECD and South Africa: A comparison" *African Utility Week 2011*, Cape Town, South Africa (Funded by the Department of Energy, South Africa).
16. Inglesi, R., Blignaut, J.N. 2010 "The evolution of the sectoral electricity intensity levels in South Africa: 1992 to 2006" *ATINER Conference*, Athens, Greece. (Funded by the Department of Economics, University of Pretoria).
17. Inglesi, R., Blignaut, J.N. 2010. "Estimating the demand elasticity for electricity by sector in South Africa" *Putting a Price in Carbon Conference*, Energy Research Center, University of Cape Town, South Africa.

6.6 Manuscripts under review

1. Ndlovu, V., Inglesi-Lotz, R. "Positioning South Africa's energy supply mix internationally: Comparative and policy review analysis". Under review at *Renewable and Sustainable Energy reviews*.
2. Inglesi-Lotz, R., Hakimi, A., Pouris, A., " Patents vs Publications and R&D: three sides of the same coin? Panel Smooth Transition Regression (PSTR) for OECD and BRICS countries". Under review at *Journal of the Association for Information Science and Technology*.
3. Inglesi- Lotz, R. "Decomposing CO2 emissions in South Africa- Rebound effect in the BRICS context". Under review at *Energy*.
4. Inglesi-Lotz, R., Diez del corral, L. "The effect of education on a country's energy profile: Evidence from developed and developing countries." Under review at *Energy Efficiency*.
5. Moutinho, V., Da Silva-Madaleno, M.T., Inglesi-Lotz, R., Dogan, E. "Factors affecting CO2 emissions in Top Countries on Renewable Energies: A LMDI decomposition application". Under review at *Renewable and Sustainable Energy Reviews*.

6. Inglesi-Lotz, R., Dogan, E. "The role of renewable versus non-renewable energy to the level of CO2 emissions A panel analysis of Sub-Saharan Africa's Big 10 electricity generators". Under review at *Renewable Energy*.
7. Hlophe, N., Inglesi-Lotz, R. "South African Environmental Kuznets Curve: Factors Affecting it". Under review at *Economics of Energy & Environmental Policy* (EEEEP).
8. Lee, K-C., Chu, H-P., Chang, T., Inglesi-Lotz, R., "Revisiting the Causal Relationship between CO2 Emissions and Economic Growth in 12 Asian Countries: Evidence from a Bootstrap Panel Causality Test". Under review at *International Journal of Green Energy*.

6.7 Work in progress

- Determinants of Energy Efficiency in Zambia (with Tessie Chinembiri)
- The role of energy poverty on economic growth in Sub-Saharan African countries (with Kerschyl Singh)
- CO2 Emissions Converge in China and G7 Countries? Further Evidence from Fourier Quantile Unit Root Test
- The impact of the student-to-supervisor ratio on research proficiency in postgraduate Economics (with Naiefa Rashied, UJ)
- Factors affecting the energy demand in the South African transport sector (with Matome Modiba, Postgraduate student)
- Energy research and a country's environmental quality
- The effect of access to energy in South Africa's provincial household income
- Time-varying causality (Kalman filter) between energy poverty (access to energy), energy consumption (various fuels) and household income in South Africa
- The relationship between energy efficiency and total factor productivity in South Africa
- Opportunity cost of water for all South African power plants
- Water: An important input to the South African economy

6.8 Technical research

- Bredell, J.P., Slabber, J., Inglesi-Lotz, R., 2016. "Development of a Financing Model for the Radioactive Waste Management Fund" prepared for the South African Department of Energy.
- Inglesi-Lotz, R., Pouris, A., Thopil, G. 2015-2016. "Energy Savings potential report" Chapter of the National Energy Efficiency Strategy Post- 2015, prepared for the South African Department of Energy.
- Inglesi-Lotz, R., Blignaut, J.N., Weideman, J.P. 2013. "Sectoral electricity elasticities in South Africa: Before and after the electricity supply crisis of 2008" prepared for Eskom.
- Pouris, A., Inglesi-Lotz, R. 2011. "The contribution of copyright and related-rights-based industries to the national economy, South Africa" prepared for World Intellectual Property Organisation (WIPO).
- Koch, S., Blignaut, J.N., Inglesi-Lotz, R., Promo, N., Riekert, J. 2011 "External costs of coal in South Africa: The case of Kusile power plant" prepared for Greenpeace South Africa
- Inglesi-Lotz, R., Pouris, A. 2011 "Baseline study on Energy Efficiency and Demand Side Management (EEDSM)" prepared for Department of Science and Technology (DST), South Africa.
- Inglesi-Lotz, R., Blignaut, J.N. 2011. "Imperatives on putting a price in carbon: The case for early start" prepared for WWF: Green Growth South Africa Project
- Van Heerden, J., Blignaut, J.N., Inglesi-Lotz, R., Seymore, R., Bohlman, H. 2011. "Macroeconomic impacts of the economy-wide and sectoral impacts of the proposed carbon tax on Eskom as the energy sector and the South Africa economy" prepared for Eskom.

7. Miscellaneous

7.1 Professional Societies

- President of the *South African Affiliate for Energy Economics (SAAEE)*.
- Member at:
 - Organisation for Women in Science for the Developing World (OWSD)
<https://owsd.net/member/inglesi-lotz-roula>

- South African Young Academy of Science (SAYAS)
<http://www.sayas.org.za/?team=roula-inglesi-lotz>
- Association For The Advancement Of African Women Economists (AAWE)
- The Econometric Society
- Economic Society South Africa (ESSA)
- International Association of Energy Economics (IAEE)
- Hellenic Association of Energy Economics (HAEE)

7.2 Referee/ External reviewer

- Applied Energy
- Economic Research South Africa (ERSA)
- Energy
- Energy Economics
- Energy Policy
- Higher Education Quarterly
- Journal of Energy in Southern Africa (JESA)
- Natural Hazards
- Renewable and Sustainable Energy Reviews
- Scientometrics
- South African Journal of Economic and Management Sciences (SAJEMS)
- South African Journal of Economics (SAJE)

7.3 Committee assignments and advisories

- University of Pretoria: Member, Postgraduate Committee, Faculty of Economic and Management Sciences (2017 -).
- Institute of Development Studies (IDS) The University of Agriculture, Pakistan: PhD Foreign expert list.
- School of Economics, Business Administration and Legal Studies of the International Hellenic University: Temporary Member in the electoral committee for the election of permanent staff members
- Journal of Energy in Southern Africa (JESA): Member of the Editorial Board
- University of Pretoria: Member, Teaching and Learning Committee, Faculty of Economic and Management Sciences (2013-2017).
- Member, Executive Committee, Department of Economics, University of Pretoria.
- National Research Foundation (NRF) :
 - Reviewer of Rating application 2016

- Reviewer of Competitive Support for Rated scientists programme 2016
 - Reviewer in panel, CSUR Applications for 2012
 - Reviewer in panel, Thuthuka and IRDP Annual progress reports for 2011
- University of Johannesburg: External examiner of Honours essays 2015-2017

7.4 Grants/ Funding

- Research Development Programme. University of Pretoria. 2013-2015
- Competitive Support for Unrated Scientists. National Research Foundation (NRF). 2014-2016
- Knowledge, Interchange and Collaboration, National Research Foundation (NRF), 2012 and 2014.

7.5 Invited speeches

- Inglesi-Lotz, R., Keynote speaker at the International Association for Energy Economics (IAEE) Summit 2017 co-hosted by the Department of Economics, University of Pretoria and City of Tshwane at Pretoria, November 2017.
- Inglesi-Lotz, R., "Urbanization and energy consumption". Member at panel session titled "Keys to success for growing an urban resilient Tshwane". City of Tshwane, 1st Mayoral Economic Summit 2017. CSIR Convention Center, Pretoria, February 2017.
- Inglesi-Lotz, R., "Examining the energy rebound effect in South Africa within a BRICS countries context". 11th Annual South African Energy Efficiency Convention, Presented by the South African Association for Energy Efficiency, Johannesburg, South Africa. November 2016.
- Inglesi-Lotz, R., "Environmental Kuznets Curve in South Africa: To confirm or not to confirm?". Department of Economics Seminar Series, University of Macedonia, Thessaloniki, Greece. November 2014.
- Inglesi-Lotz, R. "Energy Efficiency Technologies", National Research Foundation (NRF). Financial Managers Consortium, Pretoria, Gauteng. October 2014.
- Inglesi-Lotz, R., "A Grantholder's perspective", National Research Foundation (NRF) Research Administrators Workshop (RAW), Bloemfontein, Free State, October 2013.
- Inglesi-Lotz, R. "Energy Savings", Women's day celebration of the Department of Science and Technology (DST), Pretoria, Gauteng. August 2011.