

CONTACT INFORMATION

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- Repec Page: <https://ideas.repec.org/f/pjo317.html>

RESEARCH INTEREST

- General Equilibrium Modeling; Competition and Firm Productivity; Monetary Policy; Public Finance; Climate Economics

APPOINTMENTS

11/2018-Current	World Bank: Senior Economist.
11/2015-11/2018	World Bank: Economist.
04/2012–04/2014:	National Treasury South Africa: Director: Modelling and Forecasting division.
4/2008-04/2012:	National Treasury South Africa: Senior Economist: Modelling and Forecasting division.
09/2007-04/2008:	Global Insight. Researcher.

EDUCATION

01/2012-2017:	Ph.D., Economics, University of Pretoria (South Africa). Dissertation title: "Essays in fiscal policy". Advisors: Prof. Ruthira Naraidoo, Ph.D. and Prof. Rangan Gupta, Ph.D.
01/2008-01/2010:	MCom, Econometrics, University of Pretoria

EXTERNAL EXAMINER

George Washington University; University of Stellenbosch

SELECTED WORKING PAPERS

1. "Identification properties for estimating the impact of regulation on markups and productivity" (2021) (with J. Sampi, E. Vostroknutova). World Bank Policy Research Paper WPS9523.

2. "Macroeconomic modeling of managing hurricane damages in the Caribbean: The case of Jamaica" (2021) (with A. Burns, G. Schwerhoff). World Bank Policy Research Paper WPS9505.
3. "Nowcasting economic activity in times of COVID-19: An approximation from the Google Mobility Report" (2020) (with J. Sampi). World Bank Policy Research Paper WPS9247.
4. "When the cycle becomes the trend: The emerging market experience with fiscal policy during the last commodity super cycle" (2019) (with A. Rashaad, M. Hanusch). World Bank Policy Research Paper WPS8712.
5. "How does port efficiency affect maritime transport costs and trade? evidence from Indian and western Pacific Ocean countries" (2017) (with M Herrera Dappe, A Suarez Aleman). World Bank Policy Research Paper WPS8204.

SELECTED PUBLICATIONS

1. "South Africa's monetary policy independence: evidence from a Global New-Keynesian DSGE model" (2017) (with A De Waal, R Gupta). Applied Economics Letters, 1-7.
2. "The growth-inflation nexus for the US from 1801 to 2013: A semiparametric approach" (2017) (with M Balcilar, R Gupta). Journal of Applied Economics 20 (1), 105-120
3. "South Africa's economic response to monetary policy uncertainty" (with M Balcilar, R Gupta). Journal of Economic Studies 44 (2), 282-293
4. "Long memory, economic policy uncertainty and forecasting US inflation: a Bayesian VARFIMA approach" (2017) (with M Balcilar, R Gupta). Applied Economics 49 (11), 1047-105
5. "The Macroeconomics Effects of Government Spending Under Fiscal Foresight" (2017) (with R Naraidoo). South African Journal of Economics 85 (1), 68-85
6. "Periodically collapsing bubbles in the South African stock market" (2016) (with M Balcilar, R Gupta and ME Wohar). Research in International Business and Finance 38, 191-201
7. "The dynamic response of the rand real exchange rate to fundamental shocks" (2016) (with M Balcilar, R Gupta). Journal of Economic Studies 43 (1), 108-121
8. "Analyzing South Africa's inflation persistence using an ARFIMA model with Markov-switching fractional differencing parameter" (2016) (with M Balcilar, R Gupta). The Journal of Developing Areas 50 (1), 47-57
9. "Unconventional monetary policy shocks in OECD countries: how important is the extent of policy uncertainty?" (2015) (with R Gupta). International Economics and Economic Policy, 1-21

10. "Are there long-run diversification gains from the Dow-Jones Islamic Finance Index?" (2014) (with Gupta, R., Balcilar, M., Hammoudeh, S. and Babalos, V). Applied Economics Letters.
11. "The determinants of time varying exchange rate pass-through in South Africa" (2014) (with Jhaveri. Y). South African Journal of Economics Article published online 24 July 2014.
12. "A time varying approach to analysing fiscal policy and asset prices in South Africa" (2013) (with Gupta, R. & Matlou, K.). Journal of Financial Economic Policy Vol. 6(1):46-63
13. "Fiscal policy shocks and the dynamics of asset prices: The South African experience" (2013) (with Aye, G., Balcilar, M., Gupta, R., Miller, S. & Ozdemir, Z). Public Finance Review 00(0) 1-21
14. "Analysing the effects of fiscal policy shocks in the South African economy" (2013) (with Naraidoo. R & Guangling, D). Economic Modelling Vol. 32(2013): 215 224
15. "Fiscal sustainability and the fiscal reaction function for South Africa" (2012) (with Burger, P., Stuart, I. & Cuevas, A). South African Journal of Economics Vol. 80(2):209-227
16. "South Africa's transition to a consolidated budget" (2012) (with Marinkov. M). South African Journal of Economics Vol. 80(2):181-199

REFeree DUTIES

Applied Economics, Journal of Macroeconomics, South African Journal of Economics

SOFTWARE KNOWLEDGE

Advance knowledge of the following software: Matlab, STATA, EViews, R, Python, IRIS, DYNARE, TeX, Microsoft Office (including Visual Basics for Applications).