

# Dr Sara le Roux - Curriculum Vitae

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## **PERSONAL**

**Citizenship:** British

**Address:** Oxford Brookes Business School, Oxford Brookes University  
Headington Campus, Oxford OX3 0BP

**Email:** [drsalaroux@gmail.com](mailto:drsalaroux@gmail.com)

**URL:** <http://salaroux.weebly.com/>

## **RESEARCH INTERESTS**

Sustainability; Innovation; Decision-making under ambiguity; Behavioural economics; Game theory; Public economics; Development Economics & Finance; Economic Impact analysis.

## **EMPLOYMENT and QUALIFICATIONS**

### **Qualifications**

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| 2012 | Ph.D in Economics, 'Ambiguity in Games: Theory and Experiments', University of Exeter<br>Supervisors: Professor David Kelsey and Professor Dieter Balkenborg.<br>Examiners: Professor Jürgen Eichberger and Professor Zvi Safra. |
| 2009 | MSc in Economics and Experimental Economics, University of Exeter,<br>Distinction, Dean's Commendation   |
| 2008 | Postgraduate Diploma in Economics, London School of Economics and Political Science  |
| 2007 | Bachelor of Commerce Honours, University of Delhi, Distinction   |

### **Other Qualifications and Training**

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| 2019 | Leading, Managing and Motivating a Team (OCSLD, OBU)  |
| 2019 | Leadership and Management – The essentials (OCSLD, OBU)   |
| 2018 | Aurora Women's Leadership Programme (AdvanceHE)   |
| 2010 | Stage I & II of the Learning & Teaching in Higher Education (LTHE) certificate,<br>University of Exeter |

### **Current Employment**

#### **Reader in Applied Economics and Decision, Oxford Brookes Business School**

January 2021 - present

#### **Deputy Associate Dean Undergraduate Studies, Oxford Brookes Business School**

September 2021 – July 2023

#### **Programme Lead in Economics, Oxford Brookes Business School**

July 2019 - present

#### **Senior Lecturer in Economics, Oxford Brookes Business School**

August 2012 – June 2019

### **Previous Employment**

#### **Graduate Teaching Assistant, University of Exeter**

October 2009 – April 2012

## **RESEARCH PUBLICATIONS**

Google Scholar citations: 1633      Since 2019 – 1432      h-Index - 12

- 2024      'Governance, debt service, information technology and access to electricity in Africa', *International Journal of Finance and Economics*, (with S Asongu), forthcoming. **(ABS 3\*)**
- 2023      'The role of mobile money innovations in the effect of inequality on poverty and severity of poverty in Sub-Saharan Africa', *Information Systems Frontiers*, (with S Asongu), forthcoming. **(ABS 3\*)**
- 2023      'The role of mobile money innovations in transforming unemployed women to self-employed women in sub-Saharan Africa', *Technological Forecasting and Social Change*, (with S Asongu), Vol 191, pp.122548. <https://doi.org/10.1016/j.techfore.2023.122548> **(ABS 3\*)**
- 2023      'Geopolitical Risks and Tourism Stocks: New Evidence from Causality-in-Quantile Approach', *Quarterly Review of Economics and Finance*, (with I Raheem), Vol 88, pp 1-7. **(ABS 2\*)**
- 2021      'Fighting terrorism in Africa: complementarity between inclusive development, military expenditure and political stability', *Journal of Policy Modeling*, (with S Asongu and P Singh), 43 (2021) 897–922. **(ABS 2\*)**
- 2020      'Climate Change Catastrophes and Insuring Decisions: A Study in the Presence of Ambiguity', *Journal of Economic Behavior and Organisation*, Vol 180, pp 992-1002. **(ABS 3\*)**
- 2019      'The Mobile Phone as an Argument for Good Governance in Sub-Saharan Africa', *Information Technology and People*, Vol. 32 No. 4, pp. 897-920 (with S Asongu, J Nwachukwu & C Pyke) **(ABS 3\*)**
- 2019      'The role of inclusive development and military expenditure in modulating the effect of terrorism on governance', *Journal of Economic Studies*, Vol. 46, No. 3, pp. 681-709. (with S Asongu & J Nwachukwu) **(ABS 2\*)**
- 2019      'Understanding Sub-Saharan Africa's Extreme Poverty Tragedy', *International Journal of Public Administration*, Vol 42, Issue 6, pp 457-467 (with S Asongu) **(ABS 2\*)**
- 2019      'Essential Information Sharing Thresholds for Reducing Market Power in Financial Access: A study of the African Banking Industry', *Journal of Banking Regulation*, Vol 20, Issue 1, pp 34-5, (with S Asongu & V.S. Tchamyou) **(ABS 2\*)**
- 2019      'Reducing Information Asymmetry with ICT: A critical review of loan price and quantity effects in Africa', *International Journal of Managerial Finance*, Vol 15, Issue 2, pp 130-163 (with S Asongu, J Nwachukwu & C Pyke) **(ABS 2\*)**
- 2018      'Fighting Software Piracy: Some Global Conditional Policy Instruments', *Journal of Business Ethics*, Vol 152, Issue 1, pp 175-189, (with S Asongu and P Singh) **(ABS 3\*)**
- 2018      'Enhancing ICT for Environmental Sustainability in Sub-Saharan Africa', *Technological Forecasting and Social Change*, Vol 127, pp 209-216, (with S Asongu & N Biekpe) **(ABS 3\*)**
- 2018      'Strategic Ambiguity and Decision-making: An Experimental Study', *Theory and Decision*, Vol 84, Issue 3, pp 387-404, (with D Kelsey) **(ABS 2\*)**

- 2017 'Enhancing ICT for Inclusive Human Development in Sub-Saharan Africa', *Technological Forecasting and Social Change*, Vol 118, pp 44-54, (with S Asongu) **(ABS 3\*)**
- 2017 'Dragon Slaying with Ambiguity: Theory and Experiments', *Journal of Public Economic Theory*, Vol 19, Issue 1, pp 178-197, (with D Kelsey) **(ABS 2\*)**
- 2017 'Environmental Degradation, ICT and Inclusive Development in Sub-Saharan Africa', *Energy Policy*, Vol 111, pp 353-361, (with S Asongu & N Biekpe) **(ABS 2\*)**
- 2015 'An Experimental Study on the Effect of Ambiguity in a Coordination Game', *Theory and Decision*, Vol 79, Issue 4, pp 667-88, (with D Kelsey) **(ABS 2\*)**
- 2010 'Deviations from Equilibrium in an Experiment on Signaling Games: First Results', in Ockenfels A and Sadrieh A (eds) *The Selten School of Behavioural Economics*, Springer-Verlag Berlin Heidelberg, (with D Balkenborg) **This is a book chapter which was included in the festschrift in honour of Professor Reinhard Selten (1994 Nobel Laureate in Economics). It was peer-reviewed before publication in the festschrift.**

#### **Working papers towards REF2027 UoA 17: Business and Management:**

- 2023 'Oil Shocks and the Islamic Financial Market: Evidence from a Causality-in-Quantile Approach' (with I Raheem)
- 2023 'Debt Service, Governance and Economic Growth in Africa' (with S Asongu)
- 2023 'Examining UK Small Businesses' Understanding and Engagement with the Net Zero Agenda' (with L Tuckerman & T Vorley)
- 2023 'One size fits all? Consumer perspectives of small businesses' approach to sustainability' (with L Tuckerman & I Garnelo Gomez)
- 2023 'Examining the Economic Impact of Repeated Events at a Heritage Attraction' (with R van der Veen)
- 2022 'Financial institutions, income inequality and mobile money innovations in Sub-Saharan Africa' (with S Asongu) – Under review at ABS3\*
- 2022 'Female self-employment and female health performance in sub-Saharan Africa' (with S Asongu) – **R&R at *Small Business Economics*.**
- 2022 'How corporate telecommunication policies follow telecommunication sector regulation in mobile money innovations for financial inclusion' (with S Asongu) – Under review at ABS3\*
- 2022 'Financial access thresholds in mitigating market power for financial inclusion' (with S Asongu) – Under review at ABS3\*
- 2022 'International Remittances and Productivity in Sub-Saharan Africa' (with S Asongu) – Under review at ABS3\*
- 2022 'Analysing social learning under ambiguity' (with F Bopp) – Under review at ABS3\*

## **TECHNICAL REPORTS AND PUBLICATIONS FOR INDUSTRY**

- 2023 'Blenheim Estates: Economic Impact Study 2022-23' with R van der Veen.
- 2022 'Small Business Sustainability: Insight & Implications' with L Tuckerman & T Vorley.
- 2022 'Blenheim Estates: Economic Impact Study 2021-22' with R van der Veen.
- 2022 'Santapod: Economic Impact Study 2018' with R van der Veen.
- 2021 'Blenheim Estates: Economic Impact Study 2020-21' with R van der Veen.
- 2020 'Blenheim Estates: Economic Impact Study 2019-20' with R van der Veen.
- 2020 'Bicester Motion: Economic Impact Study 2' with R van der Veen.
- 2019 'Blenheim Estates: Economic Impact Study 2018-19' with R van der Veen.
- 2019 'Bicester Motion: Economic Impact Study 1' with R van der Veen.
- 2018 'Oxford Business Visitor Economy Study' with K Ji & S Raymaekers.
- 2018 'Blenheim Estates: Economic Impact Study 2017-18' with R van der Veen.
- 2017 'Blenheim Estates: Economic Impact Study 2016-17' with R van der Veen.

## **RESEARCH GRANTS**

### **External Grants Awarded**

	<b>Date</b>	<b>Description</b>
14.	2024	Research Lead for Project : 'Blenheim Estate: Economic Impact Study 2023-2024', funded by Blenheim Supporting Ltd. Costing tool ID – 929614, Project ID: A-225082849
13.	2024	Co-I for Project: 'Small Business Britain and BT's Small Business and Sustainability Research', funded by Small Business Britain Ltd. Costing tool ID – 931865
12.	2023	Research Lead for Project: 'Understanding the Net Zero Challenge for SMEs in South Oxfordshire and Vale of White Horse District Councils', funded by Costing tool ID – 902985
11.	2023	Co-I for Project: 'Business For Good: Green Skills For Small Business', funded by American Express Foundation Costing tool ID – 931865
10.	2023	Research Lead for Project : 'Blenheim Estate: Economic Impact Study 2022- 2023', funded by Blenheim Supporting Ltd. Costing tool ID – 886036
9.	2022	Research Lead for Project : 'Blenheim Estate: Economic Impact Study 2021-2022', funded by Blenheim Supporting Ltd. Costing tool ID – 834344, Project ID: A-195717666

8.	2022	Research Lead for Project : 'Santapod Raceway Economic Impact Study 2018', funded by Trakbak Racing Ltd. Costing tool ID – 720787, Project ID: A183657684
7.	2021	Research Lead for Project : 'Blenheim Estate: Economic Impact Study 2020-21', funded by Blenheim Supporting Ltd. Costing tool ID – 806047, Project ID: A-190597817
6.	2020	Research Lead for Project : 'Bicester Motion Economic Impact Study Phase 2', funded by Bicester Heritage Ltd. Costing tool ID – 773289, Project ID: A186677627
5.	2020	Research Lead for Project : 'Blenheim Estate: Economic Impact Study 2019-20', funded by Blenheim Supporting Ltd. Costing tool ID – 721172, Project ID: A-183657684
4.	2019	Research Lead for Project : 'Blenheim Estate: Economic Impact Study 2018-19', funded by Blenheim Supporting Ltd. pFACT ID – 9921, Project ID: A180380898
3.	2019	Research Lead for Project : 'Bicester Heritage: Economic Impact Study', funded by Bicester Heritage Ltd. pFACT ID – 9660, Project ID: A180505486
2.	2018	Research Lead for Project : 'Blenheim Estate: Economic Impact Study 2017-18', funded by Blenheim Supporting Ltd. pFACT ID – 9353, Project ID: A-27883
1.	2017	Research Lead for Project : 'Blenheim Estate: Economic Impact Study 2016-17', funded by Blenheim Supporting Ltd. pFACT ID – 9018, Project ID: A-27668

### Internal Grants Awarded

Year	Description	Role	Project Value
2022	'Understanding the Net Zero Challenge for SMEs' funded by CRF award: Participatory Research Initiative. <b>(Resulted in a practitioner report for industry and one working-paper to be submitted towards REF U0A17, a number of dissemination events with industry and strengthened our relationship with external stakeholders such as Small Business Britain.)</b>	PI	£9,066
2018	'Round-table Events on Economic Impact Assessment', funded by OBBS Engagement development projects <b>(Resulted in KE project with Bicester Motion Ltd. worth £19,000, also strengthened the OBBS' networks with external bodies and institutions such as Experience Oxfordshire and Oxford City Council. This seed-funding also facilitated further projects with other colleagues in OBBS.)</b>	PI	£430
2016	'Commitment vs. Discretion: Evaluating the tools at the disposal of a benevolent policy maker in a public goods context', funded by OBBS Internal Small Grant. <b>(Resulted in 2 working-papers that will be submitted towards the next REF UoA17 submission.)</b>	PI	£4,862
2015	'Climate Change Catastrophes and Insuring Decisions', funded OBBS Internal Small Grant. <b>(Dissemination costs and liaising with policy users at DEFRA.)</b>	PI	£2,866

2014	'Climate Change Catastrophes and Insuring Decisions', funded by OBBS Central Research Grant <b>(Resulted in the publication in a 3* ABS journal, and will be submitted for REF 2020, UoA17)</b>	PI	£7,500
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## **INVITED TALKS**

### **External Invited Talks – Presented and Forthcoming**

- 2024 Climate Solutions Conference, Oxford, UK.
- 2023 EDAMBA Summer Research Academy, Athens, Greece;  
Climate Action workshop, Jennings, UK.
- 2022 Grenoble applied Economics Lab (GAEL), Université Grenoble Alpes, France;  
IÉSEG Research Center on Risk and Uncertainty, France;  
Centre for Environmental and Resource Economics, Sweden (virtual talk);  
Carbon Monsters Sustainability Conference, UK.
- 2021 University of Paderborn (virtual talk);  
Centre for Environmental and Resource Economics, Sweden (virtual talk)
- 2019 Centre for Environmental and Resource Economics, Sweden;  
University of Exeter, UK
- 2018 Centre for Environmental and Resource Economics, Sweden
- 2017 WU Competence Center for Experimental Research, Austria
- 2016 GW4 Meet, University of Bristol, UK
- 2014 Department of Economics, University of Birmingham, UK
- 2011 Sixth International Developments in Economic Education Conference, LSE, London, UK

### **Conference Papers – Presented and Forthcoming**

- 2019 'The effects of information asymmetry in a modified threshold public goods game',  
Public Economic Theory Conference, Strasbourg, France.
- 2018 'Climate Change Catastrophes and Insuring Decisions',  
Foundations of Utility and Risk Conference, York
- 2017 'Climate Change Catastrophes and Insuring Decisions',  
International Meeting on Experimental and Behavioral Social Sciences, Barcelona, Spain;  
European Association of Environmental and Resource Economists, Athens, Greece;  
Economic Science Association, Vienna, Austria.
- 2016 'Strategic Ambiguity and Decision-making: An Experimental Study',  
Foundations of Utility and Risk Conference, Warwick.
- 2015 'Strategic Ambiguity and Decision-making: An Experimental Study',  
Public Economic Theory Conference, Luxembourg; Economic Science Association,  
Conference, Heidelberg, Germany.

- 2014 'Dragon Slaying with Ambiguity: Theory and Experiments',  
Public Economic Theory Conference, Seattle, USA; Foundations of Utility and Risk,  
Conference, Rotterdam, Netherlands, Royal Economic Society Conference, Manchester,  
UK.
- 2013 'An Experimental Study on the Effect of Ambiguity in a Coordination Game',  
Risk, Uncertainty and Decision Conference, Paris, France; Brookes-Burgundy Research  
Conference, Dijon, France.
- 2011 'Deviations from Equilibrium in an Experiment on Signaling Games: First Results',  
NUS Behavioural Economics Summer Institute, Singapore; SABE/ IAREP Conference,  
Exeter, UK.
- 2010 'Deviations from Equilibrium in an Experiment on Signaling Games: First Results',  
Economic Science Association Conference, Copenhagen; Europäische  
Wissenschaftstage, Steyr, Austria.

## **TEACHING**

### **External PhD Examining**

- 2022 PhD in Economics, Université Grenoble Alpes, France (Nahed Eddai, "Strategic ambiguity in environmental problems: theoretical and experimental perspectives")
- 2019 PhD in Economics, University of Sindh, Pakistan (Muhammad Ajmeir, "Economic Identification of determinants of sectoral growth in Pakistan")
- 2018 PhD in Finance, University of Essex (Angela Izah, 'Essays on the Impacts of Environment on Uncertainty Attitudes and Consumption Choices')
- 2016 PhD in Economics, University of Huddersfield (Mohamed Emhemed, 'The Potential Economic Impacts of Financial Liberalization in Libya in Case of Accession to the WTO')

### **Internal PhD Examining**

- 2015 PhD in Economics, (Usman Ahmad, 'Child labour and child schooling in developing countries: A case study of Pakistan')
- 2015 PhD in Economics, (Emerta Aragie, 'Climate Change and Semi-subsistence Agricultural Households')

### **PhD Supervision**

	Student/Thesis title	Role	Stage
2016-23	R Mann, 'The effect of agricultural exports on cropping patterns/area under crops, virtual land exports and export-oriented displacement of greenhouse gas emissions (GHGEs): 1961-2013'	Director of Studies	Completed PhD
2020	I Raheem, 'Sustainable Economic Growth and Financial Stability: A Critical Perspective'	Director of Studies	Completed PhD by Publication
2020-23	H Al-Odwan, 'Evaluating Loss Aversion in a Contextualised Risk Setting'	Director of Studies	Interrupted.
2018	N Singh, 'Political Economy of Bioenergy in Developing Capitalist Economies: A Case Study of Bioenergy Projects in Punjab, India'	Second Supervisor	Completed PhD
2015	S Asongu, 'Diagnostics of Financial Development in Africa'	Second Supervisor	Completed PhD by Publication

2016-	G Sinha, 'Mining led industrialisation and gender based violence within indigenous communities in Kalahandi district of Odisha, India'	Director of Studies	On-going
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### **Postgraduate Lecturing** Industrial Organisation

### **Postgraduate Seminars/Tutorials** Experimental Economics & Finance

**MA/MSc Dissertation Supervision** Between 2 and 4 students have been supervised between 2012 -16.

### **Undergraduate Lecturing (Module leaderships)**

Third year UG: Behavioural Economics; Econometrics; Industrial Organisation

Second year UG: Applied Game Theory; Statistics for Economics & Finance; Skills & Knowledge of a Graduate Economist; Microeconomics II

First year UG: Economics & Society in Context; Mathematics for Economics & Finance; Microeconomics I

### **Undergraduate Seminars/Tutorials**

Third year UG: Behaviour, Decisions and Markets; Economics of Management Strategy

Second year UG: Microeconomics II; Applied Game Theory

First year UG: Philosophy for Economics

## **ADMINISTRATION**

### **Current Administrative Activities**

2019 - Programme Lead in Economics; University Teaching and Learning Enhancement Committee, Faculty Teaching and Learning Enhancement Committee and the Faculty Quality and Learning Infrastructure Committee.

2017 - 2021 Member of Business School REF Reading Panel; Member of Pool of Teaching Observers; Member of Oxford Brookes University's Research Data Management Steering Group; Convenor of Curriculum Development Group - Mathematics and Statistics.

2012 - Academic adviser/personal tutor for 45 students per academic session (pastoral duties).

### **Previous Administrative Activities**

2023-24 Chair for Quinquennial Review for Animal Behaviour & Welfare Programmes,

Panel member for Quinquennial Review for Pathways Programmes.

2021-23 Deputy Associate Dean Undergraduate Studies

2019-20 Chair for Periodic Review EdD Doctor of Education Programme,

Panel member for re-validation of Community Practitioner Nurse / Midwife Prescriber (V100) and Midwife Independent/Supplementary Prescribing (V300) programmes

2018-19 Undergraduate Subject Coordinator for Economics and Finance Programmes;

EDAMBA Liaison for OBBS; organised EDAMBA 2019 Conference at OBBS;

Member of OBBS Extended Leadership Group



2015-19 Academic Conduct Officer: dealing with cases of student plagiarism, fabrication, collusion and duplication.

2016-17 Postgraduate Subject Coordinator: in charge of MSc International Business Economics.

2016-17 Member of the interview panel for recruitment of Senior Lecturer in Economics at Oxford Brookes.

2014-15 Member of Program Development Team: responsible for developing new module descriptions and programme specifications, quality assuring documents prepared by other members of the team for the purpose of BSc Economics programme validation.

2014-15 Member of the panel for recruitment of Programme Lead in Economics at Oxford Brookes.

2014-15 Headed development of Microeconomics Research cluster at Oxford Brookes.

2012-13 Member of Program Development Team: responsible for developing new module descriptions and programme specifications, quality assuring documents prepared by other members of the team for the purpose of MSc Economics and MSc Financial Economics programme validation.

## **PROFESSIONAL ACTIVITIES**

- Treasurer & Executive Committee member for European Doctoral Programmes Association in Management and Business Administration (EDAMBA). EDAMBA's mission is to develop common ideas, values, evaluation criteria, standards and practices to assess and enhance the quality of doctoral education, through the exchange of experiences and cooperation in a global network.
- Coordinator and Moderator of the Behavioural Environmental Economics Network (200+ members worldwide)
- External ethical reviewer for Nuffield Centre for Experimental Social Sciences.
- External PhD Examiner for the University of South Africa (UNISA)
- Referee for the following journals: *International Economic Review*; *Environmental and Resource Economics*; *Experimental Economics*; *Journal of Environmental Economics and Management*; *Economic Bulletin*; *Journal of Industry, Competition and Trade*, *Theory and Decision*.