

LINCOLN

#### The 4<sup>th</sup> Development Economics Conference

#### Technology, Innovation and the Environment: Challenges for Sustainable Development

24<sup>th</sup> -26<sup>th</sup> June 2024, Lincoln International Business School, David Chiddick Building (DCB), University of Lincoln, United Kingdom

# **Conference Programme**



#### Day 1 - Monday 24<sup>th</sup> June

08:00 - 09:30	Welcome and Registration	
09:30 - 10:00	Welcome and Opening Speech by University of Lincoln Vice Chancellor, Professor Neal Juster, Dean of the Lincoln International Business School, Dr Natalie Wilmot, and Head of Department (Accountancy Finance and Economics), Mrs Siobhan Goggin Venue - DCB1101	
10:00 - 10:55	Invited Session 1: Trust in Government and Economic Performance Speaker: Professor Sir Timothy Besley, London School of Economics, UK Chair: Professor Heather Hughes, University of Lincoln, UK Venue - DCB1101	
10:55 - 11:10	Morning Break	
11:10 - 12:05	Invited Session 2: Routine Biased Technological Change and Inequality in Developing Countries Speaker: Professor Kunal Sen, UNU-WIDER, Helsinki and University of Manchester, UK Chair: Professor Alaka Basu, Cornell University, USA Venue - DCB1101	
12:10 - 13:10	Lunch Break Venue: Vesta Global Buffet, address 4 St Marks St., Lincoln LN5 7BA	
13:15 - 14:45	Contributed Parallel Sessions 1 (Detailed on next page)	Please see next page
14:50 - 15:45	Invited Session 3: Exchange Rate Pass-through and Monopsony Power in a Large Emerging Economy Speaker: Professor Sushanta Mallick, Queen Mary University London, UK Chair: Professor Arusha Cooray, James Cook University, Australia Venue - DCB1101	
15:45 - 16:00	Afternoon Break	
16:00 - 17:30	Contributed Parallel Sessions 2 (Detailed on next page)	Please see next page
18:00-19:30	Welcome Drinks and Networking Speech: Professor Abigal Woods, Pro Vice Chancellor College of Arts Social Sciences and Humanities Venue - Lincoln Medical School LMS0001 and LMS0008	<b>*</b>



Technology, Innovation and the Environment: Challenges for Sustainable Development

#### Day 1 - Contributed Parallel Sessions 1 Monday 24 June 2024, 13:15 - 14:45 | Economic Development



<b>Session 1.1</b> – Artificial Intelligence in Workplace Chair: Aleksandar Vasilev, University of Lincoln, UK	Room
Democratic Regulation of AI in the Workplace Bibhas Saha, Durham University, UK	DCB1103
Framework for Leveraging Ethical AI in Health Claims Fraud Detection: AnAugmented ApproachParul Naib, Institute of Health Management Research – Bangalore, India	DCB1103
Generative Al Adoption in Female-Owned SMEs: An Explorative Force Field Analysis Mahfuzur Rahman, LIBS, University of Lincoln, UK	DCB1103
ICTs' Adoption and Informal Firms Performance in Africa Magloire SESHIE, CERDI - University Clermont Auvergne, France	DCB1103
<b>Session 1.2</b> – SDG and Environment Chair: Simon Lilley, University of Lincoln, UK	Room
The Challenge for Emerging and Developing Economies in Achieving Sustainable Development in a Fast-Evolving Digital Economy Landscape Musa Jega Ibrahim, Islamic Development Bank, Saudi Arabia	DCB1106
The Power of Signature in Enhancing Environmental Quality: FreshEvidences from BRICS CountriesLien Nguyen, University of Lincoln, UK	DCB1106
Major Liberalizations and Environmental Outcomes Justin Callais, University of Louisiana at Lafayette, USA	DCB1106
Integrating Small-Scale Livestock South African Farmers' Households into The Red Meat Value Chain Sanlie Middelberg, North-West University, South Africa	DCB1106
<b>Session 1.3</b> – Environment and Innovation Chair: Timothy Besley, London School of Economics, UK	Room
Does Pollution Control Foster Innovation? Quasi-Experimental Evidence from China's Two Control Zones Policy Isea Cieply, University of Gottingen, Germany	DCB1102
An Economic Evaluation of the Policy Mix Used for Corporate Environmental Innovation: Substitutes of Complements? Ian Jackson, University of Wolverhampton, UK	DCB1102
Regional Aspects of Climate Change Beliefs in the U.S. Radhika Lahiri, Queensland University of Technology, Brisbane, Australia	DCB1102
The Heat is on: Temperature and Test Scores in India Arka Roy Chaudhuri, Shiv Nadar University, India	DCB1102



Technology, Innovation and the Environment: Challenges for Sustainable Development

#### Day 1 - Contributed Parallel Sessions 1 Monday 24 June 2024, 13:15 - 14:45 | Economic Development



<b>Session 1.4</b> – Education and Economic Development Chair: Pundarik Mukhopadhaya, Macquarie University, Australia	Room
Educational Attainment, Adolescents Out of School and Economic Growth in Africa: Using a Gender Disaggregated Approach Bonmwa Tontu-Gukat, University of Hull, UK	DCB1105
Bounding the Causal Effect of Parental Educational Hypogamy on Child Health in India Shreya Jain, IIT Bombay, India	DCB1105
Political Economy of Privatization of School Education: Evidence from India Muneer Kalliyil, Indian Institute of Management Bangalore, India	DCB1105
Immigration status and skill mismatch in the UK labour market Subhasish Dey, University of Warwick, UK	DCB1105
<b>Session 1.5 –</b> Education and School Enrolment Chair: Girijasankar Mallik, Western Sydney University, Australia	Room
<b>Trade Liberalisation and Intergenerational Educational mobility in India.</b> Aslesha Pathapati, Warwick University, UK	DCB1107
Improving Services at Schools to Increase Participation of Differently Abled Students: The Effects of Improved Facilities at Schools on Enrolment in Pakistan Abbas Ali Gillani, University of Lincoln, UK	DCB1107
Impact of Early Childhood School Intervention on Enrolment and Learning Outcomes: Evaluation of a Public Program in India Nilanjan Bhattacharya, CECFEE, Indian Statistical Institute Delhi	DCB1107
Does International Migration Impact the School Enrolment and Child Labor Outcomes of Left-Behind Children? Evidence from Rural Bangladesh Alaka Halder, Garner Health, New York, USA	DCB1107
<b>Session 1.6 –</b> SDG, Business and Climate Chair: Chau Le, University of Lincoln, UK	Room
Digital Divide and Financial Access in India: Impact on SDGs Rashmi Arora, University of Bradford, UK	DCB0106
Does Corporate Culture Matter in Shaping Firms' Greenwashing Behaviour? Nguyen Hanh Luu, University of Lincoln, UK	DCB0106
A Nexus between Sustainable Business Practices and Businesses in Transcending Economic Growth: A Case of Botswana Ayodeji Michael Obadire, Botswana Accountancy College, Bostwana	DCB0106



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#### Day 1 - Contributed Parallel Sessions 1 Monday 24 June 2024, 13:15 - 14:45 | Economic Development

<b>Session 1.7</b> – SDG and CSR Chair: Nadia Gulko, University of Lincoln, UK	Room
<b>Circular Fashion Economy: Recycle, Automation and Employment</b> Arman Mazhikeyev, University of Lincoln, UK	DCB1104
Board Gender Diversity and Corporate Social Responsibility Disclosure: The Role of Ownership Structure Tien Minh Pham, Ho Chi Minh City University of Technology, Vietnam	DCB1104
DENS Based Investment in Natural Capital Decision Making Criteria Using Intuitionistic Fuzzy Sets, Linear Diophantine Fuzzy Sets and Aggregation Operators Muhammad Umar Farooq, James Hutton Institute, UK	DCB1104
Revisiting the Impact of Corporate Social Responsibility on Firm Performance in India: A Non-linear and Disaggregate Approach Baikunthanath Sahoo, IIT Madras, India	DCB1104



#### The 4<sup>th</sup> Development Economics Conference

Technology, Innovation and the Environment: Challenges for Sustainable Development

## Day 1 - Contributed Parallel Sessions 2

Monday 24 June 2024, 16:00 - 17:30 | Economic Development

<b>Session 2.1 –</b> Entrepreneurship and Sustainability Chair: Mahfuzur Rahman, University of Lincoln, UK	Room
Connecting Success: How Business Digitalization and Electronic Invoicing Drive the Growth of MSMEs in the Metropolitan Area of Valle de Aburrá Danny García Callejas, University of Antioquia, Colombia	DCB1103
Role of Micro, Small and Medium Enterprises in achieving Environmental Sustainability Sonia Mukherjee, MIT World Peace University, India	DCB1103
Assessing the Impact of Microfinance/Self Help Group Participation on Poverty and Vulnerability of the Households in Multidimensional Framework Rasmita Maharana, IIT Bombay, India	DCB1103
Predictors of Business Success Among the Somali Community of Eastleigh, Nairobi Jake Organ, University of Memphis, USA	DCB1103
<b>Session 2.2 –</b> Employment and Sustainable Development Chair: Bibhas Saha, Durham University, UK	Room
Affirmative Action in Recruitment Decisions: Do Penalties Mitigate Employer Bias? Anwesha Bandyopadhyay, University of Lincoln, UK	DCB1104
Affirmative Action through Job Reservation: Does it Work? Santanu Gupta, XLRI, Xavier School of Management, India	DCB1104
What Did They Say? Respondent Identity, Question Framing and the Measurement of Employment Rahul Lahoti, UNU-WIDER, Helsinki	DCB1104
Product Quality, The Scope of Export Destinations and Skilled Demand for Sustainable Development: An Investigation in China Pundarik Mukhopadhaya, Macquarie University, Australia	DCB1104
<b>Session 2.3 –</b> Farming Chair: Anu Rammohan, University of Western Australia, Australia	Room
The Effects of Gender and Education on Food Insecurity in Pakistan Ghulam Mustafa, University of Derby	DCB1105
Sustainable Pathways: Understanding the Moderating Role of Local Non- farm Income on Climate Change Induced Migration Gauri Sreekumar, Indian Institute of Technology, Madras, India	DCB1105
External Aid and the Intensity of Climate-Smart Agriculture (CSA) Adoption Among Smallholder Farmers: A Study in a Major Flood-prone region of India Jigyasa Sandilya, IIT Kharagpur	DCB1105
Diversification to High-Value Herticultural Crops for Promoting Economic	

**Diversification to High-Value Horticultural Crops for Promoting Economic** Sustainability: A Micro-Level Study in Eastern Himalayas Kishor Goswami, IIT Kharagpur, India

DCB1105



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#### Day 1 - Contributed Parallel Sessions 2 Monday 24 June 2024, 16:00 - 17:30 | Economic Development



<b>Session 2.4 –</b> Innovation and Technology Chair: Dragana Radicic, University of Lincoln, UK	Room
Africa's Industrial and Technological Supply Resilience and Response to the COVID-19 Pandemic Banke Abejirin, Economic Affairs Officer, United Nations Economic Commission for Africa	DCB1106
IP Disputes and its Impact on Firm Performance: A Multi-Country Comparison of Mobile Handset Markets Using DID Method Amit Kumar Jha, Mahindra University, Hyderabad, India	DCB1106
<b>CEOs' Early-life Climate Hazard Experiences and Green Innovation</b> Dongqiang Liang and Alessandra Guariglia, University of Birmingham, UK	DCB1106
Diffusion of Pro-sustainability Innovations: Understanding the Role of Attitude Khaled Hader, University of Lincoln, UK	DCB1106
<b>Session 2.5 –</b> Economic Growth and its Determinants Chair: Kaushik Basu, Cornell University, USA	Room
Political Institutions, Inflow of Foreign Direct Investment and Infrastructural Development on Cross Country Variations in Economic Growth Chaitali Sinha, University of Lincoln, UK	DCB1102
Internationalization of Education and Its Effect on Growth Via the Labour Market Mamta B Chowdhury, Western Sydney University, Australia	DCB1102
Assessing the Relationship Between Migration, Corruption and Growth Using State-of-the-art Machine Learning Algorithms Shrabani Saha, University of Lincoln, UK, and Arusha Cooray, James Cook University, Australia	DCB1102
Chinese Foreign Direct Investment Outflows and Host Country Growth Arusha Cooray, James Cook University, Australia	DCB1102
<b>Session 2.6 –</b> Sectoral Economic Growth Chair: Radhika Lahiri, Queensland University of Technology, Brisbane, Australia	Room
Does Digital Banking Promote Remittance receipts? Evidence from Developing Countries Syed Ali Abbas, Cardiff Metropolitan University, UK	DCB1107
Spatial Convergence among Indian Districts: An Econometric Evidence Manish Chauhan, Indian Institute of Technology, Kanpur, India	DCB1107
Identity vs Economics? Abhinandan Sinha, Ahmedabad University, India	DCB1107
The Role of Imported Intangible Capital in Sectoral Economic Growth Shuyue Liu, Queensland University of Technology, Brisbane, Australia	DCB1107



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## Day 1 - Contributed Parallel Sessions 2

Monday 24 June 2024, 16:00 - 17:30 | Economic Development

Session 2.7 – Innovative Resilience	Room
Chair: Catriona Hyde, University of Lincoln, UK	
Building a Ransomware Detection System for Detecting Crypto Ransomware by Identifying Its Encryption Activities on Windows 8.1 Computers Kaushal Perera, University of Lincoln, UK	DCB0106
Mergers and Acquisitions with A Risk Scoring Model of Probability of Successes or Failures Keshab Bhattarai, University of Hull, UK	DCB0106
Unveiling Financial Inclusion Dynamics: Fintech's Resonance in ASEAN Kim Nguyen, University of Lincoln, UK	DCB0106
<b>Session 2.8 –</b> SDG and Socioeconomic Factors Chair: Chau Le, University of Lincoln, UK	Room
	Room DCB1101
Chair: Chau Le, University of Lincoln, UK Development of a Framework for Stimulating Technological and Innovative Resilience among Young Graduates in Nigeria	



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Day 2 - '	Tuesday 25 <sup>th</sup> June	<b>V</b>
09:00-09:15	<b>Opening Speech</b> by Professor Karl Dayson, Pro Vice Chancellor Research and Knowledge Exchange, Professor Simon Lilley, Director of Research, Lincoln Internatonal Business School. <b>Venue - DCB1101</b>	
09:15-10:10	Invited Session 4: The Great Growth Challenge Speaker: Dr Ayhan Kose, World Bank, USA Chair: Professor Shrabani Saha, University of Lincoln, UK Venue - DCB1101	Ş
10:10-10:25	Morning Break	
10:25-11:20	Invited Session 5: Globalization, Democracy and Moral Responsibility Speaker: Professor Kaushik Basu, Cornell University, USA Chair: Professor Anu Rammohan, The University of Western Australia, Australia Venue - DCB1101	
11:25-12:15	Editorial Session: Professor Sir Timothy Besley, Editor, Economica Professor Sushanta Mallick, Co-Editor-in-Chief, Economic Modelling Venue - DCB1102	
12:15-13:15	Lunch Break	
13:15-14:45	Contributed Parallel Sessions 3 (Detailed on next page)	Please see next page
14:45-15:00	Afternoon Break	
15:00-17:30	Special Health Panel Session: Economics of Inequalities in Health Care: The Challenges Chairs: Professor DAME Caroline Watkins, University of Central Lancashire, UK, and Professor Niro Siriwardena, University of Lincoln, UK Venue - DCB1101	
15:00-15:20	Opening Speech: Professor Karen Dunderdale, Group Deputy CEO, Executive Chief Nurse (LCHS & ULHT) and Professor Jamie Read, Dean of Medical School, University of Lincoln, UK <b>Venue - DCB1101</b>	
15:20–15:45	Professor Chris Price, Professor of Stroke and Applied Health Research Newcastle University, UK Title: Targeting Inequalities in Emergency Stroke Care: Saving Brains Saves Resources Venue - DCB1101	



Technology, Innovation and the Environment: Challenges for Sustainable Development

## Day 2 - Contributed Parallel Sessions 3

Tuesday 25 June 2024, 13:15 - 14:45 | Health & Economic Development

<b>Session 3.1 –</b> Health and Wellbeing Chair: Niro Siriwardena, University of Lincoln, UK	Room
Investigating the Role of Disability and Intrahousehold Dynamics as Determinants of Subjective Wellbeing: Evidence from Uganda Aisha Abubakar, University of Nottingham, UK	DCB1102
Equity Considerations in Utilisation of Public-Funded Health Benefits Schemes: Evidence from Triangulation of Data from NSSO, PMJAY and SECC in India Parul Naib, Institute of Health Management Research – Bangalore, India	DCB1102
Intimate Partner Violence and Women's Nutritional Health: The Role of Exposure to Female Leaders Samiratu Wahab, University of Birmingham, UK	DCB1102
Public Health Policy and Governance During COVID-19 –Results from a Natural Experiment Keerti Pendyal, Mahindra University, India	DCB1102
<b>Session 3.2 –</b> Health and Nutrition Chair: Anirban Dutta, University of Birmingham, UK	Room
Droughts and Malnutrition in Africa Steven Poelhekke, Vrije Universiteit Amsterdam, Netherlands	DCB1103
Measuring Diet Quality in Kenya Using the Reference Diet Deprivation Index Yvonne Metet, University of Lincoln, UK	DCB1103
The Effects of Weather Shocks on Early Childhood Health in Guyana Nichola Williams, Sheffield Hallam University, UK	DCB1103
Pathways between Trade and Child Health: Quasi-Experimental Evidencefrom sub-Saharan AfricaPallavi Panda, State University of New York, Geneseo, USA	DCB1103
<b>Session 3.3 –</b> Health and Inequality Chair: Abhijit Das, University of Central Lancashire, UK	Room
Impact of Prenatal Sex Selection on Intimate Partner Violence against Women: Evidence from India Shampa Bhattacharjee, Shiv Nadar University, India	DCB1104
The Financial Impact of a Cancer Diagnosis in a Rural and Coastal County in England: Experiences of Addressing Financial Inequalities by a Living with Cancer Programme in an Integrated Care System Kathie McPeake; Chloe North, NHS Lincolnshire Integrated Care Board, UK	DCB1104
The Health- Energy-Water Poverty Nexus: Evidence from Togo Maja Micevska, UBI Business School, Brussels, Belgium	DCB1104
The Threshold Impact of Within-Country Income Inequality on Happiness and Healthy Life Expectancy Eshref Trushin, Leicester Castle Business School, UK	DCB1104



Technology, Innovation and the Environment: Challenges for Sustainable Development

## Day 2 - Contributed Parallel Sessions 3

Tuesday 25 June 2024, 13:15 - 14:45 | Health & Economic Development

<b>Session 3.4 –</b> Inequality and Economic Outcomes Chair: Arusha Cooray, James Cook University, Australia	Room
Model of Rent Seeking and Inequality Mayuri Chaturvedi, University of Liverpool Management School, UK	DCB1105
The Relationship between National Insecurity and Economic Progress: A Quantitative Approach Ranajoy Bhattacharyya, Indian Institute of Foreign Trade, Kolkata, India	DCB1105
<b>Development of an Economic Sanctions Index to Help Simulate</b> Characteristics of Sanctions. An Warton-Woods, LIBS, University of Lincoln, UK	DCB1105
Role of Informal Judicial Structures in Conflict Resolution Across the World A Systematic Literature Review Tahmina Rasna, LIBS, University of Lincoln, UK	DCB1105
<b>Cession 3.5 –</b> Poverty and Socio-economic Impact Chair: Subhasish Dey, University of Warwick, UK	Room
Can Tourism Generate Employment and Alleviate Poverty? An Exploratory Study in Assam, India Phanindra Goyari, University of Hyderabad, India	DCB1106
tress-testing the International Poverty Line and the Official Iobal Poverty Statistics Iichail (Michalis) Moatsos, King's College London, UK	DCB1106
Beyond Poverty Lines: Mapping Economic Disparities among the Industrial Vorkers in the Slums of the Indian State West Bengal Chashwati Banerjee, Indian Institute of Engineering Science and Technology Chibpur, India	DCB1106
ffirmative Action, Caste Certificate Possession and Well-Being: vidence from Indian Urban Slums Parnali Basak, University of Leeds, UK	DCB1106
<b>ession 3.6 –</b> Green Economics and Finance hair: Arman Mazhikeyev, University of Lincoln, UK	Room
rom Greenwashing to Green Integrity: The Role of Artificial Intelligence in nforcing Environmental Transparency uwani Perera, University of Kelaniya, Sri Lanka	DCB1107
he Greening of Kenya's Banking Sector: Macro-Financial Stability nplications of a Low Carbon Transition amilla C Talam, UNHCR, The UN Refugee Agency	DCB1107
ustainable Tourism and Economic Growth in India: n Impact Evaluation Analysis asmita Nayak, IMNU, Nirma University, India	DCB1107
ireen Finance, Renewable Energy, and Real GDP: A Panel Cointegration nalysis from Developing Economies iirijasankar Mallik, Western Sydney University, Sydney, Australia	DCB1107



Technology, Innovation and the Environment: Challenges for Sustainable Development

# Day 2 - Contributed Parallel Sessions 3 Tuesday 25 June 2024, 13:15 - 14:45 | Health & Economic Development

Session 3.7 – Development Economics and Institutions Chair: Abhinandan Sinha, Ahmedabad University, India	Room
Ownership Concentration and Stock Price Synchronicity: Does State Ownership Matter Dang Thi Uyen Thao, LIBS, University of Lincoln, UK	DCB0106
Distributional Consequences of the Implementation of VAT in India Meghna Ghosh, BITS Law School, Mumbai, India	DCB0106
<b>Do Institutional Qualities Promote Export Diversification in Africa?</b> <b>An empirical investigation</b> Aliyu Isah, University of Lincoln, UK	DCB0106
A Topic in Sustainable Development: Corruption, Stability and Demographics Nasser Al-Jabri, Ministry of Higher Education, Muscat, the Sultanate of Oman	DCB0106



Technology, Innovation and the Environment: Challenges for Sustainable Development

#### Day 2 - Tuesday 25<sup>th</sup> June (continued...)



15:45– 16:25	<ul> <li>Dr. Sunil Hindocha, Medical Director, Lincolnshire Integrated Care Board) and Dr. Bala Srinivasan (Consultant D&amp;E - ULHT)</li> <li>Title: Inequalities - a Lincolnshire Perspectives &amp; Inequalities in Long Term Conditions</li> <li>Venue - DCB1101</li> </ul>	
16:25– 16:50	Professor Partha Kar OBE, National Specialty Advisor, Diabetes with NHS England Title: Bridging Health Inequalities the Art of The Possible Venue - DCB1101	
16:50– 17:15	Q&A Venue - DCB1101	
17:15– 17:30	Special Session Reflections:Abhijit Das - Consultant Neurologist, Lancashire Teaching Hospitals NHS Foundation Trust. Honorary Associate Professor University of Central Lancashire (UCLan), Scientific Committee MemberAnirban Dutta - Associate Professor of Quantitative Biomedicine, Institute of Metabolism and Systems Research, University of Birmingham, UK Scientific Committee MemberVenue - DCB1101	
19:00-22:00	Formal Conference Dinner Venue: Lincoln Hotel	







G For updates, please visit Incn.ac/dec









Technology, Innovation and the Environment: Challenges for Sustainable Development

Day 3 -	Wednesday 26 <sup>th</sup> June	,Y
09:00-9:15	<b>Opening Speech</b> by Prof Stuart Humphries, Dean of Research Environment, Mr. Karl Ian McCartney, British MP Lincoln. <b>Venue - DCB1101</b>	
09:15-12:00	Panel Session: Agri Food and Economic Development         Chairs: Professor Simon Pearson, Lincoln Institute for Agri-Food Technology, University of Lincoln, UK, and         Professor Marian Rizov, Professor of Economics, University of Lincoln, UK         Venue - DCB1101	
09:15-10:10	Professor Johan Swinnen, International Food Policy Research Institute (IFPRI), USA Title: Food Systems Transformation: Challenges and Opportunities Venue - DCB1101	
10:10-10:25	Morning Break	
10:25-10:45	Mr Nicholas Alifa, University of Lincoln, UK <b>Title: Reconsidering North vs South in global food manufacturing- the case</b> <b>of cocoa and vanilla ingredients</b> <b>Venue - DCB1101</b>	
10:45-11:05	Dr Moses Ajayi , NCFM Venue - DCB1101	
11:05-11:25	Professor Louise Manning, University of Lincoln, UK <b>Title: Innovative Policy Pathways: Considering Inclusive Policy Impact in Rural Communities Venue - DCB1101</b>	
11:25-12:00	Special Session Reflection: Dr Eric Ruto, University of Lincoln, UK and Professor Martin Hingley, University of Lincoln, UK <b>Venue - DCB1101</b>	
12:00-13:00	Lunch Break Venue: Vesta Global Buffet, address 4 St Marks St., Lincoln LN5 7BA	
13:05-14:35	Contributed Session 4 (Detailed on next page)	Please see next page
14:35-15:00	<b>Closing Speech</b> by Dr David Gray, Associate Professor / Economic Programme Development Manager, Department of Accountancy, Finance and Economics, Lincoln International Business School, University of Lincoln, UK. <b>Venue - DCB1102</b>	
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Technology, Innovation and the Environment: Challenges for Sustainable Development

#### Day 3 - Contributed Parallel Session 4

Wednesday 26 June 2024, 13:05 - 14:35 | Agri-food & Economic Development 🏹

<b>Session 4.1 -</b> SDG Chair: Kishor Goswami, IIT Kharagpur, India	Room
Challenges Women Faced in India During and Post Covid 19 Pandemic: Reviewing SDGs 3, 5 and 8 in India during 2019 – 2024 Debadavita Raha, University of Lincoln, UK	DCB1103
Welfare Effects of Catastrophic Climate Events on Mountain Communities: A Case Study from India on the Uttarakhand Flash Floods Gaurav Bhattacharya, Amrut Mody School of Management, Ahmedabad University, India	DCB1103
Urbanisation in Asia: A Sign of Prosperity or Threat to Sustainable Development? Sohom Das, Yonsei University, South Korea and the University of Geneva (GSEM), Switzerland	DCB1103
Toward A Low-Carbon Economy: The Role of Carbon Pricing, Financial Development and Innovation in Environmental Degradation Mitigation Tho Pham, LIBS, University of Lincoln	DCB1103
<b>Session 4.2 –</b> Sustainable Farming Chair: Louise Manning, University of Lincoln, UK	Room
Adopting Black Rice as A Sustainable Farming Option: Evidence from Assam, India Dwiti Baruah Thapa, IIT Kharagpur, India	DCB1102
Crop Production Diversity and Child Nutrition in India Anu Rammohan, University of Western Australia, Australia	DCB1102
Towards Productive Sustainable and Efficient Agriculture: Empirical Review of Indian Data Nilabja Ghosh, Institute of Economic Growth, Delhi, India	DCB1102
Access to Markets and Technology Adoption in the Agricultural Sector: Evidence from Brazil Luis Diego Astorga Rojas, Pontificia Universidad Javeriana, Colombia	DCB1102
<b>Session 4.3 –</b> Farming and Productivity Chair: Eric Ruto, University of Lincoln, UK	Room
Investigating the Determinants of Poultry Feed Utilization in India: A Multinomial Logit Analysis Dipanjan Kashyap, IIT Kharagpur, India	DCB1104
<b>Do Pension Savings by Smallholder Farmers in Africa Depend on</b> <b>Old-Age Support of their Children?</b> Frederick Amon-Armah, University of Groningen, Netherlands	DCB1104
India's Experience with Scaling up Climate Smart Agriculture Practice: 1 Role of Institutions, Incentives, and Information Chandra Sekhar Bahinipati, IIT Tirupati, India	DCB1104
The Nexus between Financial Development and Agricultural Productivity: ARDL Evidence from BRICS Inder Sekhar Yadav, IIT Kharagpur, India	DCB1104



Technology, Innovation and the Environment: Challenges for Sustainable Development

#### Day 3 - Contributed Parallel Session 4

Wednesday 26 June 2024, 13:05 - 14:35 | Agri-food & Economic Development 🏹

<b>Session 4.4 -</b> Farming and Economic Stability Chair: Martin Hingley, University of Lincoln, UK	Room
Global Human Consumption of Animal Products Self-Stabilizes in The Long Run, Thus Disobeying Bennett's law Kipkoech Brian, Free University of Bozen-Bolzano, Italy	DCB1105
Mapping Water Accessibility: A Comprehensive Analysis of Indian States Using NSSO 76th Round Survey Data Abhishek Kumar, IIT Kanpur, India	DCB1105
Farmers' Preferences and Willingness to Pay for Climate Resilient Potato Varieties in Kenya: A Discrete Choice Experiment Sally Kimathi - University of Lincoln, UK	DCB1105
Farm-Level Estimation of Technical Efficiency and its Determinants for Major Food Grains in Eastern Punjab: A Stochastic Frontier Analysis Gurwinder Kaur, IIT Kanpur, India	DCB1105
<b>Session 4.5 –</b> Green Economic Growth Chair: Ranajoy Bhattacharyya, Indian Institute of Foreign Trade, Kolkata, India	Room
Impact of Renewable and Non-renewable Energy on Economic Growth of Countries by Income Groups Erkan Demirbas, University of Lincoln, UK Abdul Haque, University of Lincoln, UK	DCB1106
Global Responses to Climate Imperatives: A Systematic Literature Review on Net Zero Strategies and Achievements Mahabubur Rahman Khan, University of Lincoln, UK	DCB1106
Growth and Welfare Implications of Service Tradability in a North-South model Adolfo Cristóbal Campoamor, Universidad de Alcalá de Henares, Spain	DCB1106
Subsidized Domestic Fuel Prices and Global Oil Price Shocks: Evidence from Sri Lanka Chanaka Ganepola, The University of Manchester, UK	DCB1106
<b>Session 4.6 –</b> Socio-economic Variables and Macroeconomic Effects Chair: Kim Nguyen, University of Lincoln, UK	Room
Transition from Formal to Informal Sector in India: Driven by Opportunities or as the Means of Last Resort Neha Gupta, IIT Bombay, India	DCB1107
The Role of Stock Markets in Economic Growth: Empirical Evidence from Panel Data Analysis Ishak Demir, The World Federation of Exchanges, UK	DCB1107
A Panel Analysis of Brent Oil Price Dynamics on Macroeconomic Effects: The Case of Some Selected Oil-Producing Countries Aleksandar Vasilev University of Lincoln, UK	DCB1107
The Impact of ESG on CFP: Evidence from New Zealand Companies Akhtar Akhtaruzzaman, Toi Ohomai Institute of Technology, New Zealand	DCB1107



Technology, Innovation and the Environment: Challenges for Sustainable Development

#### Day 3 - Contributed Parallel Session 4

Wednesday 26 June 2024, 13:05 - 14:35 | Agri-food & Economic Development 💙

<b>Session 4.7 –</b> SDG and CSR Chair: David Gray, University of Lincoln, UK	Room
Public Sector and Human Capital: On the Mechanics of Economic Development Carlos Bethencourt, Universidad de La Laguna, Spain	DCB0106
Does Animal-sourced Food Affect Child Health in Pakistan Kafeel Sarwar, Information Technology University, Lahore, Pakistan	DCB0106
Economic Growth and Sustainable Economic Development Under Mutual Compatibility Peter Okoth Otieno, Egerton University, Kenya	DCB0106



Technology, Innovation and the Environment: Challenges for Sustainable Development

#### Conference Committee



Professor Shrabani Saha

Professor of Development Economics. Conference Chair



Professor **Marian Rizov** 

Professor of Economics, **Conference Co-Chair** 



**Dr David Gray** 

Associate Professor in Economics. Scientific Committee Member



#### **Dr Dragana Radicic**

Associate Professor in Economics. Scientific Committee Member



**Dr Anirban Dutta** 

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