



MDI
GURGAON

Management
Development
Institute

Management Development Institute

**DOCTORAL COLLOQUIUM & INTERNATIONAL WINTER ENERGY SUMMIT
2024**



Programme Schedule

Date: 14.02.2024

9:15 – 10:00 AM: REGISTRATION, RECEPTION, SCHOLAR BUILDING

10:00 – 11.30 AM: INAUGURAL SESSION

VENUE: AUDITORIUM

ZOOM LINK: <https://zoom.us/j/7760519857?pwd=WG9ZRvcyR2JSSzJsdVcrcXo3YlhFdz09&omn=96480891645>

Meeting ID: 776 051 9857 Passcode: 123456

Lighting the Lamp

Welcome Speech by the Prof. Jyotsna Bhatnagar, Dean Research, MDI Gurgaon

Inaugural Speech by Prof. Arvind Sahay, Director, MDI Gurgaon

Speech by Shri Rajnish Kumar, Chairman, Board of Governors, MDI Gurgaon

Keynote Speech by Prof. Tommi Lehtonen, Director of Responsibility and Ethics at the University of Vaasa, Finland

Topic: Energy transition from the perspective of social justice

Vote of Thanks: Prof. Rohit Prasad, Area Lead, Economics & Public Policy, MDI Gurgaon

11.30 - 11.55 AM: Tea Break and Group Photograph

12 .00– 1.00 PM: KEYNOTE SPEECH

VENUE: AUDITORIUM

ZOOM LINK: <https://zoom.us/j/7760519857?pwd=WG9ZRVCyR2JSSzJsdVcrcXo3YlhFdz09&omn=96480891645>

Meeting ID: 776 051 9857

Passcode: 123456

Prof. Gary Campbell

Michigan Technological University College of Business, Houghton, Michigan, United States of America

Editor, Resources Policy

Topic: The impact of joint production on the availability of critical metals for the transition to renewable energy

Moderator: Prof. Sajal Ghosh

LUNCH BREAK (1:00 – 2:00 PM)

2:00 – 4:00 PM

Parallel Session - I
VENUE: AUDITORIUM

Parallel Session – II
VENUE: CHANAKYA CLASSROOM - 2 GROUND FLOOR

SESSION 1.1.1: GLOBAL ENERGY DYNAMICS:
INVESTMENTS, GEOPOLITICS, AND
SUSTAINABILITY

Session Chairs:
Prof. Anupam
Dutta
Prof. Sajal Ghosh

SESSION 1.1.2: ENERGY TRANSITION
AND MARKET DYNAMICS

Session Chair:
Prof Avik Sinha

ZOOM LINK:

<https://zoom.us/j/7760519857?pwd=WG9ZRVCyR2JSSzJsdVcrcXo3YlhFdz09&omn=96480891645>

Meeting ID: 776 051 9857
Passcode: 123456

ZOOM LINK:

<https://zoom.us/j/7558231865?pwd=dDRGeVRHTFZIMTJOTUVsbIVDclpZUT09&omn=93837455685>

Meeting ID: 755 823 1865
Passcode: 123456

Special Talk: Gazi Salah Uddin, Linköping University, Sweden and CCEPP,
University of Cambridge, U.K.

Topic: The Impact of Climate Shock on Energy Poverty in Bangladesh

Decarbonization, Energy and Finance:
Transition to a Net Zero Economy

Dr. Hema Diwan
(IIM Mumbai)
Chetan Gadhavi
(IIM Mumbai)

Do uncertainties impact global renewable energy
investments?

Mohammad
Bhuiyan
(Linköping
University)
Anupam Dutta
(University of
Vaasa)

	Gazi Salah Uddin (Linköping University)		
Geopolitical Shocks and Commodity Market Dynamics: New Evidence from the Russian-Ukraine conflict	Joshua Aizenman (University of Southern California) Robert Lindahl (Linköpings University) David Stenvall (Linköpings University) Gazi Salah Uddin (Linköpings University)	Decoding Sustainability in Political Advertising in the context of Gen Z voters	Bhavya Gupta (Mudra Institute of Communications)
Exploring the economic and non-economic determinants of investments in renewable energy: Developed vs. developing countries	Gazi Salah Uddin (Linköping University) Md. Bokhtiar Hasan (Islamic University) Donghyun Park (Asian Development Bank) Md. Sumon Ali (Islamic University)	Navigating the Waves: Exploring the Impact of Climate Policy Uncertainty on Stock Market Volatility in Key Sectors of the Indian Stock Exchange	Jintu George (Vellore Institute of Technology) Thilakram A (Vellore Institute of Technology) Pranav Varman R V (Vellore Institute of Technology) Manoharan M (Vellore Institute of Technology) Syed Noorul Shajar (Vellore Institute of Technology)

Impact of Corporate Environmental Performance on Corporate Biodiversity Reporting: Evidence from the Nordic Countries	Probal Dutta (University of Vaasa)	Law of one price in International Crude Oil Markets – An Empirical Investigation	Manas Paul (IMT Ghaziabad) Arif Billah Dar (SMVDU)
The relationship between energy metal price volatility and clean energy assets	Muhammad Yahya (Norwegian University of Life Sciences) Gazi Salah Uddin (Linkoping University)	Analysis of carbon credit trading market in India in light of recent approval from Government of India for allowing carbon credit trading in India	Kamod Koul (Management Development Institute)
		Revolutionizing Energy Markets - Smart PLS Analysis of the Value Proposition Offered by Power Exchanges	Nitin Kulshrestha (Christ University) (Dr. Sanjay Rastogi)
		Innovative Financing: Exploring Opportunities for De-Risking Energy Transition	Rahul K Purwar (Government of Jharkhand)
TEA BREAK (4.00 – 4.15 PM)			

4.15 – 5.15 PM

Parallel Session - I VENUE: AUDITORIUM		Parallel Session – II VENUE: CHANAKYA CLASSROOM -2 GROUND FLOOR		Parallel Session – III VENUE: AUDITORIUM SYNDICATE ROOM GROUND FLOOR	
SESSION 1.2.1: GREEN POWER SURGE – HARMONY & ENERGY JUSTICE	SESSION CHAIRS: Prof. Apra Sinha	SESSION 1.2.2: EMPOWERING ENERGY TRANSITION	SESSION CHAIRS: Prof. Rupamanjari Sinha Roy	SESSION 1.2.3: INNOVATIONS, EFFICIENCY, AND SUSTAINABILITY IN ENERGY TRANSITION	SESSION CHAIRS: Prof. Leena A Kaushal
ZOOMLINK: https://zoom.us/j/7760519857?pwd=WG9ZRvcyR2JSzJsdVcrcXo3YlhFdz09&omn=96480891645 Meeting ID: 776 051 9857 Passcode: 123456		ZOOM LINK: https://zoom.us/j/7558231865?pwd=dDRGeVRHTFZIMTjQTUVsblVDclpZUT09&omn=93837455685 Meeting ID: 755 823 1865 Passcode: 123456		ZOOM LINK: https://zoom.us/j/94222952365?pwd=T1RHeEJjUjg3cWYrdGM2YnRJeTVZdz09 Meeting ID: 942 2295 2365 Passcode: 912772	
Harvesting Harmony: Zero Budget Natural Farming's Role in Energy Justice and Vasudhaiva Kutumbakam	Rahul B Hiremath (Indian Institute of Management, Raipur)	Can trade be used as a tool to decarbonize? An analysis of sustainability, trade and competitiveness of Aluminum firms in India	Anchal Arora (IIFT)		
		Debt as Catalyst: Empowering Renewable Energy in Developing Countries	Deepak Kushawaha (Indira Gandhi Institute of Development Research)	Innovative Product Design of Universal Power Adaptors in ICT Sector	Naveen Kumar (Management Development Institute)

Role of energy communities in ensuring energy justice during energy transition-A Literature Review	Dinesh Mahur (Management Development Institute) Praveen Kumar (Management Development Institute)	Role of Decentralized Renewable Energy in facilitating a Just Transition in Chhattisgarh	Mugdha Khandelwal (Jamia Millia Islamia)	Assessing the Impact of Technological Innovation and Location Heterogeneity on Energy Efficiency: Evidence from the Indian Chemical Industry	Salman Haider (VIT Vellore)
Unlocking the Momentum for Renewable Energy in India: The Role of Oil-Price Dynamics	Sanjay Kumar Mangla (Symbiosis International (Deemed University) Pune)	Harnessing Algae's Potential in the Energy Sector: A Boon for the Indian Economy	Shreya Jitendra Patel (Pandit Deendayal Energy University Gandhinagar) Riddhi Bhor (Pandit Deendayal Energy University Gandhinagar) Vedant Kansara (Pandit Deendayal Energy University Gandhinagar) Dr. Asit Acharya (Pandit Deendayal Energy University Gandhinagar)		

7.30 PM: DIRECTOR'S DINNER: VEDANA HALL, CLUB NIRVANA PATIO, NIRVANA COUNTRY, GURGAON

(Bus will leave at 7:00 PM)

Date: 15.02.2024

10:00 AM – 11:00 AM: KEYNOTE SPEECH

VENUE: AUDITORIUM

ZOOM LINK: <https://zoom.us/j/7760519857?pwd=WG9ZRVcyR2JSSzJsdVcrcXo3YlhFdz09&omn=92398057678>

Meeting ID: 776 051 9857

Passcode: 123456

Prof. Russell Smyth

Professor of Economics and Deputy & Dean (Research), Monash Business School

Editor – Energy Economics

Topic: Air Pollution and Energy Poverty: Evidences from Large Developing Countries

Moderator: Prof. Sajal Ghosh

TEA BREAK (11:00 – 11: 15 AM)

11.15 AM – 1.15 PM

Parallel Session – I VENUE: AUDITORIUM		Parallel Session – II VENUE: VENUE: CHANAKYA CLASSROOM -2 GROUND FLOOR	
SESSION 2.1.1: GLOBAL INSIGHTS: DRIVERS, OPPORTUNITIES, AND CHALLENGES IN ENERGY TRANSITION	Session Chairs: Prof. Avik Sinha	SESSION 2.1.2: BIBLIOMETRIC AND SYSTEMATIC REVIEWS ON ENERGY TRANSITION	Session Chairs: Prof. Rohit Prasad
ZOOM LINK: https://zoom.us/j/7760519857?pwd=WG9ZRVCyR2JSSzJsdVcrcXo3YlhFdz09&omn=92398057678 Meeting ID: 776 051 9857 Passcode: 123456		ZOOM LINK: https://zoom.us/j/7558231865?pwd=dDRGeVRHTEZIMTJOTUVsbIVDclpZUT09&omn=91640557172 Meeting ID: 755 823 1865 Passcode: 123456	
Unravelling the regional variations in Renewable Energy Transition drivers: a perspective from developing countries	Muntasir Murshed (North South University)	Climate Literacy? A qualitative analysis of Relation with Energy Transition using Bibliometric Analysis	Sudhanshu Shekhar (IIM Shillong)
Energy sustainability, energy transition, and environmental degradation: Perspectives for sustainable economic development in the top five emitting countries	Irfan Khan (Beijing Institute of Technology)	Financial Inclusion and Development of Indian Economy: A Comprehensive Study	Rohit Garg (Panipat Institute of Engineering and Technology) Paras Batra (Panipat Institute of Engineering and Technology)

		Visualizing Use of Social Media Platforms for Learning in Higher Education: A Bibliometric Analysis	Gouri Shankar Sharma (IMS Ghaziabad) Dr. Nagapavan Chintalapati (Central University of Jharkhand, Ranchi)
Does the Energy Transition Lead to New Job Opportunities for Developing Nations?	Mehmet Akif Destek (Gaziantep University)	Green Finance, Credit Market Failure and Role of Public Institutions: Evidence from Literature	Khushboo Uppal (TERI SAS) Gopal Sarangi (TERI SAS) Santosh Kumar Das (ISID) Dil B Rahut (Asian Development Bank Institute)
The Role of Financial Development and Technological Innovation on Energy Transition: Evidence from E7 countries	Yusuf Adeneye (Universiti Malaysia Kelantan) Shahida Rasheed (University of Kashmir)	Celebrity Endorsing Energy Products (Lubricants): A Study and Future Research Agenda	Manoj Sinha (Pandit Deendayal Energy University Gandhinagar) Kaushal Kishore (Pandit Deendayal Energy University, Gandhinagar) Upasana Singh (JK Lakshmipat University Jaipur, Rajasthan)
Determining Enablers and De-enablers of Carbon-di-oxide Emission: An Empirical Analysis of BRICS Countries	Rimpa Chanda (West Bengal State University) Chandralekha Ghosh (West Bengal State University) Rupamanjari Sinha Ray (Management Development Institute)	An Integrated GAMOS framework for the role of Human Resources towards Sustainability, an Indian perspective –A Systematic Literature Review	Rajpreet Kaur (Fair and Square)

LUNCH BREAK (1.15 – 2.00 PM)

2.00 – 4.00 PM

Parallel Session – I
VENUE: AUDITORIUM

Parallel Session – II
VENUE: CHANAKYA CLASSROOM -2
GROUND FLOOR

**SESSION 2.2.1: EVALUATION OF
ENERGY TRANSITION POLICIES**

Session Chairs:
Prof. Sunil Ashra

**SESSION 2.2.2: ENERGY
TRANSITION IN INDIA**

Session Chairs:
Prof Gopal K Sarangi

ZOOM LINK:

<https://zoom.us/j/7760519857?pwd=WG9ZRvcyR2JSSzJsdVcrcXo3YlhFdZ09&omn=92398057678>

Meeting ID: 776 051 9857
Passcode: 123456

ZOOM LINK:

<https://zoom.us/j/7558231865?pwd=dDRGeVRHTEZIMTJOTUVsblVDclpZUT09&omn=91640557172>

Meeting ID: 755 823 1865
Passcode: 123456

Environmental Quality and Hysteresis:
New Insights from Early Chinese
Experience

Partha Gangopadhyay
(Western Sydney University)
Siddharth Jain
(Churchill Institute of Higher
Education)
Jasjeet Ubhi
(N.A.)

Mainstreaming SDGs in solar
energy transition in India: Barriers
and Opportunities

Bhavya Jyoti J Batra
(TERI SAS)
Gopal Krishna Sarangi
(TERI SAS)
Manish Kumar Shrivastava
(TERI)
Karina Standal
(CICERO)

Does carbon emissions force adoption of Renewable Energy? Evidence from newly industrialized countries	Dr. Sanjay Kumar Mangla (Symbiosis International (Deemed University) Pune) Hrishikesh Joshi (Symbiosis International (Deemed University) Pune)	LNG as an Alternative Eco-Friendly Fuel: Study on Feasibility in India	Gagan Mr. Naval (Pandit Deendayal Energy University) Mustufa Guriwala (Pandit Deendayal Energy University) Asit Acharya (Pandit Deendayal Energy University)
Decoding the Dynamics of Energy Intensity and Technologies on Carbon Emission Intensity: Transitioning to Net Zero	Brajesh Mishra (Department of Telecommunications) Abdul Kayum (Department of Telecommunications)	Research on Renewable Energy and its Accessibility in India	Vaishnavi Pandey (TERI SAS)
Nexus between CO2 emission, renewable energy, trade openness, and foreign direct investment, and output volatility.	Chinmaya Behera (Goa Institute of Management) Ranjan Kumar Mohanty, Biswashree Tanaya Priyadarsini, Debasis Patnaik,	Performance Analysis of Green Energy Stock of BSE S&P Greenex and NSE in India	Pooja Gupta (Panipat Institute of Engineering and Technology) Suman Rani (Panipat Institute of Engineering and Technology) Rohit Garg (Panipat Institute of Engineering and Technology)
A Critical Analysis of the Facets of Energy Security in the Global South	Amrita Pani (BITS Pilani, Hyderabad Campus) Rishi Kumar (BITS Pilani, Hyderabad Campus)	Open Access Reform and Electricity Tariff: Plant Level Evidence from India	Apra Sinha (University of Delhi)

TEA BREAK (4.00 – 4.15 PM)

4.15 – 5.15 PM

Parallel Session – I VENUE: AUDITORIUM		Parallel Session – II VENUE: CHANAKYA CLASSROOM -2 GROUND FLOOR		Parallel Session – III VENUE: AUDITORIUM SYNDICATE ROOM GROUND FLOOR	
SESSION 2.3.1: ENERGY TRANSITION & ANALYTICS	Session Chairs: Prof. Avik Sinha	SESSION 2.3.2: TECHNOLOGY, COSTS, AND SOCIAL IMPACTS OF ENERGY TRANSITION	Session Chairs: Rupamanjari Sinha Roy	SESSION 2.3.3: INVESTMENT CLIMATE FOR ENERGY TRANSITION	Session Chairs: Prof. Vanita Singh
ZOOM LINK: https://zoom.us/j/7760519857?pwd=WG9ZRvcyR2JSSzJsdVcrcXo3YlhFdz09&omn=92398057678 Meeting ID: 776 051 9857 Passcode: 123456		ZOOM LINK: https://zoom.us/j/7558231865?pwd=dDRGeVRHTFZIMTJQTVsblVDclpZUT09&omn=91640557172 Meeting ID: 755 823 1865 Passcode: 123456		ZOOM LINK: https://zoom.us/j/92819433392?pwd=NnJxb2ZnWGZFeFQ1S29qWGWGowa1FNZz09 Meeting ID: 928 1943 3392 Passcode: 110254	
Analyzing just energy transition in Indian coal sector: A perception survey	Srishti Minocha (TERI School of Advanced Studies)	Insolvency and Bankruptcy: An ESG Perspective	Reeti Sharma Sujith Gopinathan	Carbon Swap Agreements: Drawing Novel Inspiration from	Sourav Sinha (Nalanda University)

		using Bibliometric Analysis	(MDI Gurgaon)	Currency Agreements Swap	Gopal K. Sarangi (TERI School of Advanced Studies) and Sapna A. Narula (Nalanda University)
Impact of Growing Renewable Energy Footprints on Electricity Prices in India: An assessment using Quantile on Quantile Regression Method	Purushottam Yadav (Management Development Institute)	Impact of Technology and Cost Tracking for Bankable Renewable Energy Projects	Ankan Mitra (Shell India Markets Pvt Ltd)	How favorable will be investment climate in India in 2023?	Kamod Koul (Management Development Institute)
Global Energy Dynamics: An In-depth Analysis of the Impact of Geopolitical Risks on Crude Oil, Natural Gas, and Coal Markets	Faisal Usmani (Vellore Institute of Technology VIT University)	Fostering climate optimism: Towards a novel model backed by expectancy theory	Piyush Gotise (ITM Business School Kharghar) Afroz Jahan (Independent Researcher)	Gender Inclusion and Transition: An Answer to a VUCA World	Farhat Mohsin (Manav Rachna International Institute of Research and Studies) & Stuti Sahnii DY Patil University

<p>Integrating Climate Signals in Financial Risk Forecasting: An Information-Theoretic Approach Using Spatial Kernel Density Estimation</p>	<p>Nakul Gupta (Management Development Institute)</p>	<p>Analysis of Social Impacts and Opportunities of the Hydrogen Energy Paradigm Shift</p>	<p>Vagesh Shangar R (Indian Institute of Management Rohtak) Rima Mondal (Indian Institute of Management Rohtak)</p>	<p>Energy Transition and Labor Market Outcomes</p>	<p>Piyush Bharti (Nalsar University of Law, Hyderabad) Ila Garg (Chanakya National Law University, Patna)</p>
---	---	---	---	--	---

Date: 16.02.2024

10:00 AM – 11:00 AM: KEYNOTE SPEECH

VENUE: AUDITORIUM

ZOOM LINK:

<https://zoom.us/j/7760519857?pwd=WG9ZRVCyR2JSSzJsdVcrcXo3YlhFdz09&omn=96378754274>

Meeting ID: 776 051 9857

Passcode: 123456

Prof. Ilhan Ozturk

Professor of Economics, University of Sharjah

Editor – Environmental Science and Pollution Research

Editor – International Journal of Energy Economics and Policy

Topic: New Directions in Energy and Environmental Economics: Some Hints for Publications

Moderator: Prof. Avik Sinha

TEA BREAK (11:00 – 11: 15 AM)

11.15 AM – 1.15 PM

Parallel Session – I VENUE: AUDITORIUM		Parallel Session – II VENUE: CHANAKYA CLASSROOM -2 GROUND FLOOR	
SESSION 3.1.1: ENERGY TRANSITION, NET ZERO TARGET, AND THE ROLE OF OIL & GAS	Session Chair: Prof. Puneet Arora	SESSION 3.1.2: INNOVATION, POLITICS, AND CHANGING DYNAMICS OF THE ENERGY SECTOR	Session Chair: Prof. Avik Sinha
ZOOM LINK: https://zoom.us/j/7760519857?pwd=WG9ZRvcyR2JSSzJsdVcrcXo3YlhFdz09&omn=96378754274		ZOOM LINK: https://zoom.us/j/7558231865?pwd=dDRGeVRHTFZIMTJOTUVsb1VDclpZUT09&omn=95911347342	
Meeting ID: 776 051 9857 Passcode: 123456		Meeting ID: 755 823 1865 Passcode: 123456	
Is Energy Transition Possible Without Oil and Gas?	Sudhir Kumar (Oil and Natural Gas Corporation Limited) Asit Acharya (Pandit Deendayal Energy University, Gandhinagar)	Electric mobility, a vehicle for energy transition: the international trade and regulatory landscape	Anirudh Shingal (S.P. Jain Institute of Management & Research) Prachi Agarwal (Overseas Development Institute)
Sustainable Sunsets and Sunrises: Illuminating the Global Path to Solar Energy Leadership	Shubham Kakran (Lovely professional University) Ashish Kumar (SRM University Delhi-NCR)	Energy-Efficient HPC in Spatial Finance: Evaluating the Energy Consumption of LSTM and GNN-based Nowcasting Models for Regional Stock Exchanges	Nakul Gupta (Management Development Institute)

Energy Transition and Net-Zero	Gideon P (TERI School of Advance Studies) Mahek Goswami (TERI School of Advance Studies)	Dynamics of Energy Productivity across Manufacturing Industries: A Club Convergence Approach	Vikas Choudhary (IGIDR)
From Black Gold to Green Future: The Role of Renewables in Altering Oil Trade	Shruti Aggarwal (Indian Institute of Technology Kharagpur)	Electricity and Gas Usage in Ireland – a Decadal Energy Study	Arindra N Mishra (Indian Institute of Management, Ranchi) Arun Kumar Bairwa (Indian Institute of Management, Ranchi, Ranchi)
Is Renewable Energy Transition feasible in SIDS Nations- case study of Antigua & Barbuda?	Dr Vani Aggarwal (Soil School of Business Design) Abhishek Kansal (University of Sussex)	Systematic Literature Review of Infrastructure Finance in Power Sector	Shashwat Mishra (MANIT, Bhopal) Nenavath Sreenu (NIT BHOPAL) Bijay Prasad Kushwaha (VIT)
Energy Transition and Net Zero	Prachi Kumari (Chanakya National Law University, Patna)	Reforms in the electricity sector: Managing financial viability and political opposition	Muralee Krishnan C (Amrita School of Business) Santanu Gupta (XLRI - Xavier School of Management)
1.15 – 1.45 PM Valedictory Session & Best Paper Award Venue: Auditorium			
Lunch			