



**KELLEY SCHOOL
OF BUSINESS**

INDIANA UNIVERSITY

Institute for Environmental and Social Sustainability (IESS) Focused Fields Workshop
**Infrastructure Investment and Innovation for
Climate Change Resilience**

Kelley School of Business, Hodge Hall 4016

November 13th, 2024

8:00 AM Refreshments & Coffee

8:40 AM [Welcome Remarks](#)
Ash Soni, Dean, Kelley School of Business

8:45 AM ***Frameworks and Policies for Decarbonization***

[Role of Institutional Frameworks and Public Policies in the Decarbonization of Heavy Industry](#)

Anees Azzouni, Azzouni & Associates, Inc.

[Renewable Energy Investments Under an Evolving Social Cost of Carbon](#)

Tom Palley, Kelley School of Business

9:45 AM Break

10:00 AM ***Alternative Energy Sources in Transition***

[Wood Fiber: An Untapped American Energy Source](#)

Tim Gawne, Rio Energy International, Inc.

[RNG's Role in Energy Transition](#)

Anita Doyle, Kinder Morgan Renewable Natural Gas

11:00 AM Break

11:15 AM ***Utility Transformation and Community Development***

[A Perspective on Electric Utility Transformation and Innovation](#)

Ed Coleman, Retired CEO and Board Director

[BuildBetter with Whirlpool and Habitat for Humanity of Monroe County: Key Learnings](#)

Wendi Goodlett, Habitat for Humanity of Monroe County

Rosa Skinner and **Beat Stocker**, Whirlpool Corporation (remote via Zoom)

12:15 PM Lunch



1:00 PM ***Energy Challenges and Transition***

[Emerging Electricity Issues for the State of Indiana](#)

Sunil Maheshwari, State Utility Forecasting Group

[Energy Transition: It is About When](#)

Stephanie Wang, Kelley School of Business

2:00 PM Break

2:15 PM ***Global Investment, Pollution, and Climate Uncertainty***

[Race from the Bottom: Environmental Pollution and Multinationals' Foreign Investment](#)

Juan Bu (presenter) and **Aurora Genin**, Kelley School of Business

[Extreme Weather, Uncertainty, and Innovation](#)

Sumudu Watugala (presenter) and **Mathias Krutli**, Kelley School of Business

3:15 PM Break

3:30 PM ***Market Dynamics and Renewable Integration***

[Competitive Markets and Capital Investment: Evidence from US Power Plants](#)

Madeline Yozwiak, O'Neill School of Public and Environmental Affairs

[Renewable, Flexible, and Storage Capacities: Friends or Foes?](#)

Owen Wu, Kelley School of Business

4:30 PM Refreshments & Social

Organizer:

Owen Wu, Director of Research and Outreach, Institute for Environmental and Social Sustainability
Kelley School of Business, Indiana University



Anees S. Azzouni is president of Azzouni & Associates, Inc. an energy consulting firm. For the past twenty-five years, in primarily North America and the Middle East, his work involved assisting public sector organizations, public utilities, major consumers of electricity, natural gas, and water, as well as financial institutions and investors in the planning and analysis of energy projects in a changing regulated and competitive energy, water, and electricity markets. He assisted oil, gas, petrochemical, iron and steel, paper and other manufacturing firms with the design and implementation of climate and energy efficiency strategies and programs and utilities infrastructure projects. Prior to that, he served as oil, gas, and power infrastructure planning consultant in Saudi Aramco's engineering organization. His educational background is in engineering and economics. He is a member of the American Economic Association, the Association of Energy Engineers, and the International Association for Energy Economics.

Juan Bu is an Assistant Professor of International Business and the Rodney Merritt Miller Faculty Fellow at Kelley School of Business, Indiana University. Her research interests include global strategy, innovation, and sustainability, with a special focus on emerging markets. Her work has appeared in leading journals such as the Strategic Management Journal, Journal of International Business Studies, and Journal of Management. Juan also serves on the editorial review boards of the Journal of International Business Studies and the Global Strategy Journal. Her research has been recognized through several awards, including Indiana University's Outstanding Junior Faculty Award, the Emerging Scholar Award from Women in the Academy of International Business (AIB), and multiple Best Paper Awards from both the Academy of Management and the AIB.

J. Edward (Ed) Coleman

An experienced CEO recognized for successfully tackling difficult turnaround situations, Ed has led three public companies (Unisys, Gateway and CompuCom) and one privately held company (Ciox Health) through significant business model transformations and improvements in performance. He has also served on the board of directors of regulated utility Ameren (NYSE - AEE) where he served as Chair of the Audit and Risk Committee and on the board of Lexmark International. His volunteer activities include service as co-chair of the Maryland Economic Development Commission and as a member of the William & Mary School of Business Foundation Board. He currently serves as a member of the board of trustees of the Severn School. He earned a bachelor's degree in economics from the College of William and Mary and holds an MBA in marketing from Indiana University.

Anita Doyle heads up Business Development at Kinder Morgan Renewable Natural Gas, where she assists corporates and utilities in attaining their carbon emission reduction goals. Anita actively markets environmental attributes from existing Kinder Morgan assets and has played an integral role in expanding KM's brokering and turnkey capabilities to both the voluntary and transport markets. Anita immigrated to the US in 2015 from South Africa where she worked in investment banking. She holds a bachelor's degree from Nelson Mandela University and is currently pursuing her Masters in Economic Development through Penn State University.



Tim Gawne is a Trader at Rio Energy International, Inc. in Houston, Texas. Since graduating in 1995 with a BS in Finance from Indiana University School of Business, he has worked in the downstream trading & marketing segment of the US energy industry, on both crude oil and refined products side of the business. His first 15 years were spent with Amoco and British Petroleum in various roles in Tulsa, Oklahoma, Midland and Houston, Texas, and Chicago, Illinois. In 2010, Tim helped Hong Kong based Brightoil Petroleum open their first US office in Houston, Texas and build their global fuel and crude trading business. In years since then, Tim has worked for Morgan Stanley unit TransMontaigne and privately-owned Rio Energy as the Crude Oil Book Leader. With primary operations in the Permian and Eagle Ford Shale Basins of Texas, Rio is a full-service oil trader providing markets and transportation services for US domestic oil producers.

Aurora Genin is an Assistant Professor of International Business at Kelley School of Business, Indiana University. Her research focuses on innovation, sustainability, and global strategy. Her work has appeared in leading journals such as the Strategic Management Journal, Journal of International Business Studies, and Journal of Management Studies. Aurora currently serves on the editorial review board of the Global Strategy Journal.

Wendi Goodlett is the President and Chief Executive Officer of Habitat for Humanity of Monroe County, where she has served since 2018. She is committed to providing access to affordable and sustainable homeownership opportunities for underserved populations, while building community and engaging people in Habitat's mission. With nearly twenty-five years of career and volunteer experience in development, she has proven success in cultivating relationships to increase involvement and financial support of the organization. She is honored to steward the affiliate's 14-year partnership with Whirlpool Corporation and the Indiana University Kelley School of Business. Prior to taking on the CEO role, Wendi worked extensively in development and advancement, most recently as Director of Development for Major Gifts in the Indiana University Kelley School of Business and IU Foundation.

Mathias S. Kruttl is an assistant professor of finance at the Kelley School of Business at Indiana University. Before joining the Kelley School of Business, he was a principal economist at the Federal Reserve Board of Governors and worked in investment banking and strategy consulting. He obtained a D.Phil. and M.Phil. in economics from the University of Oxford. He is an associate fellow at the Oxford-Man Institute of Quantitative Finance and an academic consultant at the CFTC.

Sunil Maheshwari is Director of the State Utility Forecasting Group, Purdue University. He is a seasoned energy industry professional with over 20 years of experience working for utilities, consulting firms, wholesale and retail energy providers. His core competencies are in load forecasting, evaluation of energy efficiency and demand response programs, electric and gas trading, data analytics and regulatory support.



Tom Palley is a PhD candidate in operations management in the Kelley School of Business Department of Operations and Decision Technologies. His research primarily considers the transition to decarbonized electric grids, grid operations, and capacity investments in renewables and implications for energy policy. Prior to his doctoral studies, he completed his M.S. in applied economics at Oregon State University and B.S. at Bucknell University.

Rosa Skinner is the Senior Manager of Global Social Responsibility at Whirlpool Corporation, where she leads the House+Home Social Responsibility strategy. With over three decades of experience, Rosa is dedicated to advancing human-centered employee volunteering and driving impactful initiatives. Her commitment to building sustainable communities is at the core of her work, ensuring lasting contributions that uplift and empower people worldwide through strategic and meaningful efforts.

Beat Stocker is currently the Senior Director of Global Sustainability at Whirlpool Corporation, where he leads the team responsible for all environmental sustainability strategies, goals and capabilities at Whirlpool Corporation. Beat has spent his entire career at Whirlpool Corporation in areas of product development, procurement, and manufacturing and has been serving in his current capacity for 2+ years. He is passionate about improving life at home for our consumers and serving the community in a variety of aspects.

Stephanie Wang is Samuel & Pauline Glaubinger Professor & Associate Chair at the Department of Management and Entrepreneurship, Kelley School of Business, Indiana University. Stephanie's primary research interests lie at the intersection of internationalization and social/environmental sustainability. She is particularly interested in studying emerging market multinationals and cultural industries as research contexts. Stephanie has won numerous international awards, such as the Poets & Quant's Best 40-Under-40 Business School Professors in 2022, Alan Rugman Fellow in 2021, Emerging Scholar Award in International Management from the Academy of Management (AOM) in 2019, the Academy of International Business (AIB) Best Paper Award in 2018, the Inaugural Journal of World Business (JWB) Best Phenomenon-Based Article Award in 2018, the Woman AIB Emerging Scholar Award in 2017, and others. She is the Research Director of Women in the Academy of Business (WAIB) and faculty advisor for the Indiana University Chapter of Ascend, the largest non-profit Pan-Asian organization for business professionals in North America, and the founding faculty advisor of Quant Consulting Club at Kelley School of Business.

Sumudu Watugala is an assistant professor of finance at the Kelley School of Business at Indiana University. Her research interests are in financial intermediation, asset pricing, international finance, asset management, and climate finance. She obtained her doctoral degree from the University of Oxford and her bachelor of science and master of engineering degrees from the Massachusetts Institute of Technology. Previously, she was a faculty member at the SC Johnson College of Business and the Dyson School of Applied Economics and Management at Cornell University. Her prior experience includes working at Citadel Investment Group in quantitative research and trading with a



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focus on volatility arbitrage and derivatives trading. She has conducted research at the Office of Financial Research in the US Department of the Treasury on topics related to financial stability.

Owen Wu is an Associate Professor of Operations and Decision Technologies and Director of Research and Outreach for the Institute for Environmental and Social Sustainability at the Kelley School of Business, Indiana University. His research is primarily centered around energy sustainability and socially responsible operations, including integrating renewable energy resources, investing and operating energy storage, improving energy efficiency and infrastructure, as well as managing assistance programs in humanitarian operations. His research received the INFORMS ENRE Society's Best Publication Award in Environment and Sustainability, Paul Kleindorfer Award in Sustainability by POMS, an Honorable Mention for the MSOM Responsible Research Award, and a finalist for the M&SOM Journal's Best Paper Award. He played significant roles in the professional societies, currently serving as the Chair for the MSOM Society's Sustainable Operations Special Interest Group, previously serving as Vice President of the MSOM Society and Vice President of the POMS College of Sustainable Operations.

Madeline Yozwiak is a PhD Candidate in Public Affairs at Indiana University Bloomington. She studies how electricity markets are affected by and can adapt to climate change. Prior to graduate school, she worked in the renewable energy industry at Vote Solar, Sunrun, and Bloomberg New Energy Finance. She obtained her BS in Physics from Yale University.



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Parking instruction:

Fee Lane Garage serves Kelley School of Business. You can navigate to “**Fee Lane Garage**” on Google map. Get a ticket to enter the garage and leave it in the car. When you meet us, ask for a parking pass for you to exit.

Once parked, two ways to get to **Hodge Hall 4016**:

- Walk from outside: Exit the garage at the ground floor; the Star sign in the map below (corner of N Fee Ln and E 10th) is the entrance that will elevate you directly to HH4016.
- Walk from inside: The garage is connected to the west side of the Kelley School; walk across the bridge to the east side (Hodge Hall).

The map below visualizes the direction.

