

## Speaker's Profile

### [Opening Remarks]



#### **Mr. Masakazu Toyoda**

Chairman and CEO, Institute of Energy Economics, Japan  
Mr. Toyoda joined the Ministry of International Trade and Industry (MITI), (now the Ministry of Economy, Trade and Industry) in 1973. He received Master's degree from the Woodrow Wilson School, Princeton University in 1979. He held respected positions such as Director-General, Trade Policy Bureau and Vice - Minister for International Affairs. He greatly contributed on establishment of APEC, Japan-U.S. automobile trade negotiation, the Agreement of Kyoto Protocol, and Doha Development Round.

### [Session 1]



#### **Mr. Hiroki Kudo (Moderator)**

Board Member, Director, Charge of Electric Power Industry & New and Renewable Energy Unit, IEEJ  
Mr. Kudo has served as ISO/TC207/SC7/WG5 (ISO 14064-2: Guidance for the GHG project) Convener, ISO/TC17(Steel) /WG24 (ISO 20915) Convener (Life Cycle Inventory Calculation Methodology for steel products) , and a committee member/working group members related to climate change policy (including emissions trading scheme) and renewable energy policy organized by central and local governments. Former UNFCCC, The Joint Implementation Supervisory Committee (JISC) member. He is an expert in Global Warming, Energy Conservation and Renewable Energy Policy, Standardization for GHG related activities and Sustainable Finance (ISO).



#### **Dr. Kenneth B. Medlock, III**

Senior Director of the Center for Energy Studies, Baker Institute for Public Policy, Rice University, US  
Dr. Medlock, III is the James A. Baker, III and Susan G. Baker Fellow in Energy and Resource Economics and senior director of the Center for Energy Studies at Rice University's Baker Institute, co-director of the Master of Energy Economics program, and adjunct professor in Economics and Civil and Environmental Engineering. He is Distinguished Fellow at IEEJ and on the Advisory Board of the Payne Institute at Colorado School of Mines. He has published numerous articles, has testified multiple times on Capitol Hill, has spoken at OPEC, and frequently speaks at venues around the world. He has received several awards for scholarly achievements, most recently the 2019 Lifetime Achievement Award for the Advancement of Education for Future Energy Leaders from the Abdullah Bin Hamad Al-Attayah Foundation. He is a member of the AEA and NPC. He received his Ph.D. in economics from Rice University in May 2000.



#### **Mr. Allan Fogwill**

President & CEO, Canadian Energy Research Institute, Canada  
Mr. Fogwill joined CERI in November 2014 as President and CEO. An energy sector executive with over 30 years of experience in both the public and private sector, His background has focused on economic and market analysis of energy sector issues along with policy development related to energy regulation and efficiency issues. He has previously worked for natural gas distribution companies in BC and Ontario and for the Ontario Energy Board dealing with market analysis and the analysis of distribution costs. Prior to assuming his role at CERI, he provided regulatory consulting services to local distribution companies in Ontario. He has a Master degree from Simon Fraser University in Natural Resources Management and a Bachelor of Science degree from the University of Saskatchewan in Geography. He has also served as the Chair and CEO of the Canadian Energy Efficiency Alliance and the Canadian Gas Research Institute.



**Dr. Fuqiang Yang**

Senior Advisor, Climate Change and Energy Transition Program (CCETP) Institute of Energy, Beijing University, China  
 Dr. Yang is Senior Advisor of Climate Change and Energy Transition Program (CCETP), Institute of Energy at Beijing University. As an expert on climate change and energy, he has worked on China's sustainable energy strategy and policy for more than 4 decades, and researched extensively on energy savings in building, industrial, and transportation sectors, low carbon cities, electricity and renewable energy, as well as climate change. Prior to joining CCETP, he was Senior Advisor on Energy, Environment and Climate Change at the Natural Resources Defense Council. He was the Director of Global Climate Solutions at WWF International Headquarters, and Vice President of Energy Foundation and Chief Representative of Energy Foundation Beijing Office. Before 2000, he worked with the State Planning Commission's Energy Research Institute in China, and Lawrence Berkeley National Laboratory In USA. He received his Ph.D. in Industrial Engineering at West Virginia University in the United States and his B.S. in Physics at Jilin University in China.

**[Session 2]**



**Ms. Yukari Yamashita (Moderator)**

Managing Director, Charge of the Energy Data and Modelling Center, IEEJ  
 Ms. Yamashita is responsible for quantitative and qualitative analyses on energy policy issues. Her team's analyses and recommendations contribute greatly to the debate and policy making for Japan and international communities such as ERIA, APEC and IEA. The annual IEEJ's Outlook is globally recognized for its timely analyses and pragmatic approach towards climate change. She has been serving as a member of various government councils and committees in the fields of energy and science & technologies. She also led miscellaneous international and regional energy cooperation programs through IEA, APEC, ERIA and IPEEC. She was the 2020 President of the International Association for Energy Economics (IAEE) and is the 2021 Executive Vice President of IAEE.



**Mr. Wim Thomas**

Former Chief Energy Advisor, Shell International BV  
 Mr. Thomas was part of Shell's Scenarios Team, which is part of the Group Corporate Strategy Department. He led a team responsible for worldwide energy analysis and long-term global energy scenarios, and advised Shell's Executive Committee and the Board and its businesses on a wide range of energy issues, including oil & gas markets and pricing, global supply & demand for all energies, regulations, energy policy and industry structure. He had been with the Shell group of companies for some 35 years, with prior international positions in drilling operations, subsurface reservoir management, upstream commercial and regulatory affairs in gas. Presently, he is a non-executive director at MARIN, a world leading maritime research institute in the Netherlands, and on the Advisory Board of the Buccaneer, an accelerator for innovation on sustainable energy in the maritime sector. He is a Fellow of the Energy Institute of the UK and Distinguished Fellow of the IEEJ. He is a former Chairman of The UK National Committee of the World Petroleum Council and of the British Institute of Energy Economics. Wim holds a postgraduate degree in Maritime Technology, Delft University, The Netherlands.



**Dr. Siri Jirapongphan**

Former Minister of Energy, Thailand, Current Advisor to the Minister of Energy, Thailand

Dr. Jirapongphan is the Advisor to the Minister of Energy since August 2020 and the Board of Directors of Bangkok Bank Plc. since April 2020. His working experience prior to becoming the Minister of Energy in November 2017-July 2019, includes Chief of System Planning of the Petroleum Authority of Thailand, Planning & Coordination Manager of National Petrochemical Plc., Senior Vice President at Bangkok Bank, Managing Director of LPN Plate Mill Plc., and Executive Director of Petroleum Institute of Thailand (PTIT). In addition, he served as a member of the team in the successful rehabilitation of Thai Petrochemical Industry Plc., and held positions as Board of Directors and Acting Governor of the Port Authority of Thailand, Board of Directors of the State Railway of Thailand and member of the National Reform Council. He obtained his bachelor degree (honor) in Chemical Engineering from California Institute of Technology and doctorate degree in Chemical Engineering from Massachusetts Institute of Technology.



**Dr. Leena Srivastava**

Deputy Director General for Science, International Institute for Applied Systems Analysis (IIASA), Austria

Dr. Srivastava is the Deputy Director General for Science of the International Institute for Applied Systems Analysis (IIASA), Austria. Prior to this, she was the Vice Chancellor of the TERI School of Advanced Studies, New Delhi – an inter-disciplinary higher education institution, focused on sustainable development – since 2012. She has over three decades of research experience in the areas of energy, environment and climate change policies at The Energy and Resources Institute (TERI), including nearly nine years as its Executive Director. She has a Master in Economics from the University of Hyderabad and a PhD in Energy Economics from the Indian Institute of Science in Bangalore, India.

**[Special Speech]**



**Mr. Shin Hosaka**

Commissioner, Agency for Natural Resources and Energy, Ministry of Economy, Trade and Industry

Mr. Hosaka joined the Ministry of International Trade and Industry in 1987. He was seconded to the Bank of Japan and studied abroad at the University of Michigan. After assuming positions such as Director of Personnel Division (Minister's Secretariat), Deputy of Director-General (Economic and Industrial Policy Bureau), Deputy of Director-General (Industrial Science and Technology Policy and Environment Bureau), Director-General (Trade and Economic Cooperation Bureau), he assumed his current position in 2020.

[Session 3]



**Dr. Ken Koyama (Moderator)**

Senior Managing Director and Chief economist, IEEJ  
Dr. Koyama joined IEEJ in 1986. He got his PhD in 2001 from University of Dundee, Scotland. He has held many senior positions in IEEJ, including Head of the World Oil & Energy Group, Senior Research Fellow, Energy Strategy Unit. He has served as a committee member of energy policy related councils and advisory committees of Japanese government in many occasions. His specialized fields of research are: energy security issues and geopolitics of energy; and analysis for global energy market and policy development with emphasis on the Asia-Pacific region. He has authored numerous publications in the area of energy economics.



**Prof. Paul Stevens**

Distinguished Fellow, Energy, Environment and Resources, Chatham House, UK  
Educated as an economist and as a specialist on the Middle East at Cambridge and SOAS; 1973-1979 teaching at the American University of Beirut in Lebanon; 1979-93 at the University of Surrey. Between 1993 and 2008, he was Professor of Petroleum Policy and Economics at the University of Dundee, Scotland, a chair created by BP. He is an expert in the international petroleum industry, economic development in the Gulf and energy economics.



**Dr. Raja Almarzoqi**

Former Advisor, International Monetary Fund  
Dr. Almarzoqi is a former IMF advisor; Associate Professor of Economics at Prince Saud Alfaisal Institute of Diplomatic Studies, and is also, Expert at the IMF, and Part-time Consultant, Ministry of Economics and Planning. He was a president of Gulf Monetary Council (GMCO). In addition, he worked as a consultant to many government, private organizations, Regional and International Organizations (World Bank, ARAMCO, Ministry of Economics & Planning, Saudi Arabian General Investment Authority (SAGIA), Supreme Commission for Tourism, Cooperation Council for the Arab States of the Gulf (GCC), Alkhabeer Capital and KACST etc). He was adjunct professor at Thunderbird Global Business School and King Saud University. He has a teaching/lecturing experience at (Institute of Diplomatic Studies; King Saud University; MIT Sloan Management School; International Monetary Fund; Thunderbird Global Business School) in several subjects in economics. Also, he was a board member in several organizations and Funds. He is specialized in policy modeling for impact assessment and scenario analysis, Money and Banking, international finance, and Finance. He presented research papers at major international conferences and published in major Middle East journals and book and chapter in books. He holds a B.A. from King Saud University in economics, M.A. from University of Michigan, Ann Arbor in Quantitative economics, and Ph.D. from Oklahoma State University, Stillwater in economics and finance.



**Dr. Adnan Shihab-Eldin**

Former Director General, Kuwait Foundation for the Advancement of Sciences, Kuwait  
Dr. Shihab-Eldin served as the Director General of the Kuwait Foundation for the Advancement of Sciences (KFAS) for ten years, after partaking as a member of the KFAS Board of Directors, until he stepped down in February 2021. Prior to his tenure at KFAS, he held several leadership positions at international institutions, including as the Director of Research and Acting Secretary General of OPEC, and Director positions at both the IAEA and UNESCO. He also served as Director General of the Kuwait Institute for Scientific Research and as the Vice Rector for Academic Affairs at Kuwait University. He serves on boards and councils for numerous public and private organizations, companies, and foundations, including the International Advisory Council of KAPSARC (KSA) and the Board of Directors of the Kearney Energy Transition Institute (Netherlands). He has published extensively, including research papers, book chapters and articles in

the fields of energy, nuclear science, and socioeconomic development, and is often invited to speak at international meetings on these and other related topics. He received his B.Sc., M.Sc. and Ph.D. degrees from the University of California, Berkeley. He has received many prestigious awards, including the 2017 Elise and Walter A. Haas International Award, from UC Berkeley.

**[Closing Remarks]**



**Dr. Kazutomo Irie**

President of the Asia Pacific Energy Research Centre (APERC)

Dr. Irie joined the Ministry of International Trade and Industry (now the Ministry of Economy, Trade and Industry) of the Japanese Government in 1979. He earned a Master of Science degree in Foreign Service from Georgetown University in 1988 and a Doctorate in Energy Science from Kyoto University in 2002. He had worked mainly in energy and trade policy, including a posting at the Japanese Embassy in Canberra, Australia, and in policy planning and studies at the Research Institute of Economy, Trade and Industry (RIETI) and other divisions. After retiring as Director-General of the Training Institute of the Ministry of Economy, Trade and Industry in 2008, he worked at the University of Tokyo as Professor in charge of research and education on nuclear policy and law until 2012. From 2012 to 2018, he worked as General Manager of APERC as well as Senior Research Fellow of IEEJ. In 2018, he was promoted to President of APERC and Managing Director of IEEJ. He took up his current position in April 2020 at the independence of APERC.