

Twenty-seventh session of the Committee on Sustainable Energy

26-27 September 2018, Geneva, United Nations, Palais des Nations

BIOGRAPHY OF SPEAKERS

H-Holger Rogner

Senior Research Scholar, International Institute for Applied System Analysis (IIASA)



Dr H-Holger Rogner started his academic career in 1975 at the International Institute for Applied Systems Analysis (IIASA) in Laxenburg, Austria in energy systems modelling. He re-joined IIASA as a senior guest scholar after his retirement from the International Atomic Energy Agency (IAEA) in late 2012.

For most of his career, he has been engaged in comprehensive energy system analysis, energy modelling and integrated resource planning. At IAEA he directed the IAEA programme on Capacity Building and Nuclear Knowledge Maintenance for Sustainable Energy Development. His programmatic activities focused on capacity building in the field of energy-economy-environment analysis and planning in developing country Member States) with emphasis on scenario design and quantification of future demand requirements and supply strategies consistent with a country's development objectives.

Before joining the IAEA in 1997, Holger was the Director of the System Analysis Group of the Institute for Integrated Energy Systems (IESVic) at the University of Victoria, Canada. His main research focus was on energy system transformation towards hydrogen energy systems and the overall global energy resource endowment.

In addition to contributing to the activities of the International Panel on Climate Change (IPCC) as lead author or coordinating lead author of four IPCC Assessment Reports and several Special Reports including the Special Report on Emission Scenarios (SRES), he also was a lead author of UNDP's World Energy Assessment (WEA) as well as IIASA's Global Energy Assessment (GEA).

As well a being involved in the activities of the International Panel on Climate Change (IPCC) as lead author or coordinating lead author of the four IPCC Assessment Reports and several Special Reports including the Special Report on Emission Scenarios (SRES).

Since his retirement, Holger holds positions of Affiliate Professor, Royal Institute of Technology (KTH), Stockholm, Sweden and Senior Guest Scholar at IIASA. He advises UN organization and governments on modelling approaches that informs the implementation of the Sustainable Development Goals (SDGs) as well as key aspects of the Paris Agreement on climate change.

Graeme Maxton

Economist, author and former Secretary General of the Club of Rome



Graeme Maxton is a best-selling author, lecturer and speaker on the challenges facing humanity - climate change, poverty, unemployment and inequality. He is a Full Member of the Club of Rome where he was Secretary General between 2014 and 2018.

A trenchant critic of modern economic thinking, he is the co-author of *Reinventing Prosperity*, Managing economic growth to reduce unemployment, inequality and climate change, (Greystone, 2016). The book was written with Jorgen Randers, one of the authors of 1972 book *The Limits to Growth*. The German edition, *Ein Prozent ist genug* (oekom Verlag, 2016) was a No1 best-seller. Among his other books is *The End of Progress: How modern economics has failed us* (Wiley, 2011), which was nominated for the FT's Best Book about Business Award and became a top-20 Spiegel best-seller.

He was previously a Regional Director with the Economist Group in Asia, with strategy consultants Booz.Allen & Hamilton and in banking with Citibank and American Express. He was visiting professor at Cass Business School in London from 1988 until 2004 where he taught courses on European business, economics, retail banking and corporate strategy. Born in Scotland, he currently lives in Switzerland. His latest book, "Change! Warum wir eine radikale Wende brauchen (why we need a radical turnaround)" will be published in German by Komplett-Media in October 2018.

For speaking engagements please contact Andrew Vine of the The Insight Bureau in Singapore.

Peter Fox-Penner

Professor of Practice, Questrom School of business & Director, Institute for Sustainable Energy, Boston University



Peter Fox-Penner is a Professor of Practice in the Questrom School of Management and the Director of Boston University's Institute for Sustainable Energy. He also serves as Chief Strategy Officer for Energy Impact Partners, a \$650-million private equity fund focused exclusively on clean electricity technologies, as an academic advisor to the Brattle Group, and as a member of the advisory board of EOS Energy Storage.

His research and writing interests are in the areas of electric power strategy, regulation, and governance; energy and climate policy; and the relationships between public and private economic activity. He is the author of *Smart Power*, a book widely-cited book credited with foreseeing the transformation of the power industry, as well as other books in this area. He is a frequent speaker and has appeared in the Harvard Business Review, NPR's Marketplace, the New York Times, the Washington Post, Politico, the Huffington Post, and numerous academic and trade journals.

At Energy Impact Partners, Peter leads the firm's long-term strategic thinking and advises the firm on investments and industry outlook questions. He also provides advice to the fund's portfolio companies and to the fourteen global energy companies who comprise EIP's strategic investor network.

Peter's career has included work in the business sector, government, and academia. At the Brattle Group, he served on the firm's management committee for 19 years and as the firm's chairman for 14 years. Prior to this he served as a Senior Advisor in the White House Office of Science and Technology Policy and Principal Deputy Assistant Secretary at the U.S. Department of Energy. Early in his career, he worked in state government and for the pioneering Energy Research Group at the University of Illinois. He has served on a number of boards of directors, including the Solar Foundation, the Global Energy Group, Enpartners, and Environment 2004.

Peter holds a BS in Electric Engineering and MS in Mechanical Engineering from the University of Illinois and a Ph.D. in Economics from the University of Chicago Booth School. He is married to Susan Elizabeth Vitka.

David Jermain

Research Fellow, Institute for Sustainable Energy, Boston University



Mr. Jermain has over thirty-five years of experience in US and global energy and resource-related disciplines. He has worked in private and public sector venues. In the private sector, he has been an executive at leading electric utilities; engaged in managing the design and development of competitive energy markets, and he has helped start companies providing microgrid services, hybrid distributed energy solutions, and bio-fueled power generation. In the public sector, he has helped develop long-term energy plans for the State of Oregon; also, he helped write the Department of Energy Quadrennial Energy Review 1.2, released to the public in early January 2017. Additionally, Mr. Jermain has provided advisory and consulting services as a sole proprietor, partner in a small firm, director for a mid-sized firm, and Principal for a global accounting firm.

His analytical and scholarly interests are wide-ranging including the value interdependences of information and energy, design and deployment barriers to distributed energy resources, end-to-end supply chain transformation, and emerging human-machine integration for multi-scaled grid management and related market operations. His pedagogical approach is to integrate theory and practice, using case studies and workgroup analytical processes to achieve integration.

Mr. Jermain has been at the forefront of energy sector changes throughout his professional life. Early in his career, he worked for a utility active in the communities it served, including Portland, Oregon; where the initial framing and implementation of a growth-boundary oriented planning effort to create and maintain a vital social and economic city center served as the underpinnings of Portland's more than thirty-year-old sustainable development model.

Also, he was involved in shaping and affecting the first merger in the electric utility industry in nearly fifty years. He helped lead the development of independent power production for a leading US utility. He was a leader in the design of competitive electricity markets internationally and in the US. He was the market monitor for California electricity markets at the turn of the Century. He has advised investors on utility mergers, asset restructuring, and investment in innovative energy technologies and solutions. He is published in scholarly and trade-related publications and has been a member of the Board of a small investment fund, a proposed RTO for the US Western Interconnect, and for one of the first onsite/microgrid companies in the US.

He is currently a Professor at BU's Metropolitan College and a Senior Fellow at BU's Institute for Sustainable Energy.