MEET THE OFFICERS AND MEMBERS OF THE POLICY COUNCIL

The Policy Council is the governing body of the System Dynamics Society. It sets policies, issues directives, and monitors the work of officers and other activities under way or planned. It meets as specified in the bylaws and may hold additional electronic discussions and votes throughout the year as needed. It reviews and approves the budget and acts on nominations. Officers and members are nominated by the Nominating Committee and approved by the Policy Council. For more information on the Policy Council please visit the Governance page on the Society's website.

Leonard Malczynski – President (2017)

Leonard Malczynski is a Principal Member of the Technical Staff at Sandia National Laboratories. Len is also a former US Peace Corps volunteer and has worked in more than 10 countries in Africa, Asia, and the Caribbean applying and teaching software engineering and System Dynamics. He served as the conference chair for the 27th International Conference of the System Dynamics Society. His current work involves modeling workforce issues, food-water constraints, and adoption of photovoltaic technology. His research interests are in model mechanics and best practices. He is the group coordinator of the Powersim Tools international user group on Yahoo. He was an adjunct professor in software engineering and microeconomics for 26 years. He holds a Bachelor degree in Forestry, MS in Agricultural Economics, MA in economic theory, MBA, and a graduate certificate in System Dynamics.

Ignacio Martínez-Moyano – President Elect (2017)

Ignacio J. Martínez-Moyano is Section Lead of Behavioral and System Dynamics in the Systems Science Center (SSC) of the Global Security Sciences (GSS) Division at Argonne National Laboratory. Ignacio is also a Senior Fellow at the Computation Institute of The University of Chicago. For the System Dynamics Society, Ignacio is currently member of the Society Program Oversight Committee and has served on the Policy Council of the Society. Additionally, he served as the conference chair for the 31st International Conference of the System Dynamics Society. Ignacio's research focuses on the application and theoretical development of System Dynamics modeling and computer simulation to advance the theories and understanding of human judgment, decision making, and behavior in complex and dynamic systems, particularly under conditions of high uncertainty and high consequence. Ignacio is Editor of the "Notes and Insights" section of the *System Dynamics Review* and has published his research in such academic journals as *Organization Science*, the *Journal of Public Administration Research and Theory*, the *ACM Transactions on Modeling and Computer Simulation (TOMACS)*, *Computers & Security*, the *System Dynamics Review,* and *Government Information Quarterly*.

Etiënne A. J. A. Rouwette – Past President (2017)

Etiënne Rouwette holds a position as associate professor at the Methodology Department of the Nijmegen School of Management, Radboud University Nijmegen, in the Netherlands. He lectures on empirical research methods and group decision support methods such as facilitated modeling, multiple scenario development, Electronic Meeting Systems, and gaming simulation in bachelor, master, and post doctorate modules at Radboud University and Loughborough University. His research focuses on group decision making and the impact of decision support methods on interaction, cognition, and behavior. Etiënne is the coordinator of the Nijmegen School of Management's decision rooms: the Decision lab and VISA skills lab. He currently supervises PhD researchers involved in modeling health care, housing, and energy issues, information exchange in groups, and the impact of modeling on cognition.
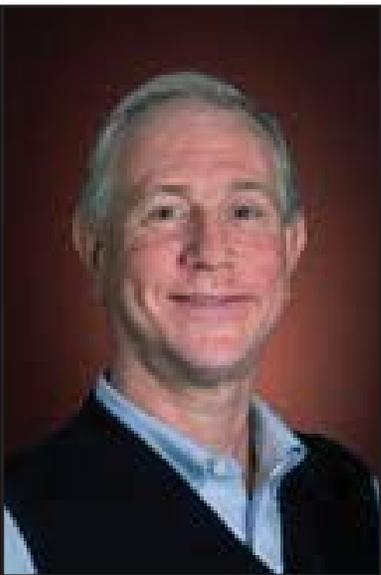
Brad Morrison – Secretary (2017-2018)

Brad Morrison is an Associate Professor of Management, Brandeis International Business School; Senior Lecturer, MIT Sloan School of Management and Engineering Systems Division; current System Dynamics Society Secretary. Brad teaches System Dynamics, operations management, and organizational behavior. For the System Dynamics Society, he has served on the Policy Council, Awards Committee, Administrative Committee, and Applications Award Committee; as the Chair of the Organization and By-Laws Committee; and as Secretary of the Society for three terms. He has served as a Thread Chair, Conference Reviewer, Session Chair, Session Reporter and ad hoc reviewer for the *System Dynamics Review*. In 2012, he was awarded the Jay Wright Forrester Award for his work on dynamic problem solving. Brad has published System Dynamics articles in the *Academy of Management Review*, the *American Medical Journal*, *Academic Emergency Medicine*, *Journal of Business Research*, and the *System Dynamics Review*. Before academia, he was partner at a leading global management consulting firm and has more than 15 years of consulting experience. He holds a PhD in Management from the Sloan School of Management at MIT, an MBA from the University of Chicago Booth School of Business, and undergraduate degrees in Chemistry and Management Science from MIT.

Stefano Armenia – Vice President Chapter Activities (2017-2019)

Senior Research Fellow at the "Sapienza" University of Rome, Stefano Armenia was born in Rome, Italy, in 1971 and had his degree in IT Engineering at University of Rome La Sapienza in 1998. From 2001 to 2008 he worked for the Dept. of Enterprise Engineering at the University of Rome "Tor Vergata", where he received his PhD in Economical and Managerial Engineering and a Master degree in Business Engineering. He started his collaboration as a research fellow with Sapienza University in 2008, where he has been participating and coordinating many national and international research projects. He is the current President of SYDIC (the System Dynamics Italian Chapter, the Italian branch of the International System Dynamics Society), and has his research focus on the analysis of the impacts of new technologies and IT systems on organizational processes, as well as on the analysis of strategies/policies impacts of private and public organizations. His research and publications have mainly dealt with the analysis of complex systems dynamics in many fields, from logistics and transportation to innovative finance and technological innovation, to policy modeling and impact assessment.

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Robert L. Eberlein – Vice President Electronic Presence (2015-2017)

Robert Eberlein, PhD, is a researcher, teacher, and consultant with expertise in addressing social, economic, and business issues using the techniques of System Dynamics. He is the Co-President of isee Systems and a consultant. He has done significant work on population aging and health with the Duke-NUS Graduate Medical School in Singapore. He holds the post of Adjunct Assistant Professor at Worcester Polytechnic Institute where he teaches a graduate course on advanced model analysis techniques. He has consulted to organizations in a range of industries including pharmaceuticals, aerospace, telecommunications, information technology, retail and the military. He was the original developer of the Threshold 21 model now widely used for policy studies in developing countries. Robert holds a PhD from the Sloan School of Management at MIT with specialization in Applied Economics and System Dynamics and has served as an officer of the System Dynamics Society for 25 years. He was, through 2010, the primary developer of Vensim, one of the predominant software tools in System Dynamics, and has delivered a number of customized software solutions actively used in managing business processes.

David F. Andersen – Vice President Finance (2017-2019)

David Andersen is Distinguished Service Professor of Public Administration, Public Policy, and Information Science at the Rockefeller College, University at Albany. His work centers on applying System Dynamics, systems thinking, and information technology approaches to problems in the public, not-for-profit, and private sectors. He has served as a technical consultant to public and not-for-profit agencies in the federal, state, and local sectors as well as corporate clients in North America and Europe. Professor Andersen is co-author of *Introduction to Computer Simulation*: *The System Dynamics Modeling Approach* (winner of the Forrester Award in 1983) and *Government Information Management* as well as over 80 journal articles, book chapters, monographs, and edited volumes. He holds a PhD in Management from MIT's Sloan School (1977) with a specialization in System Dynamics as well as an AB in Mathematics and Urban Studies from Dartmouth College (1970).

Warren Farr – Vice President Marketing and Communications (2017-2018 Partial Term)

Warren Farr is the President of Informed Dynamic Systems and the CEO of Refrigeration Sales Corporation (RSC), a privately owned midwest WholeServer™ of heating, ventilating, air conditioning, and refrigeration equipment, parts, and supplies. During his employment at RSC, Warren completed a Master in Science degree at WPI, specializing in System Dynamics. Prior to joining RSC, Warren held various product design and sales positions in the then young and growing computer networking industry. During this time he obtained an MBA from the Fuqua School of Business at Duke University. Prior to designing computer networks, Warren was software engineer at MITRE Corporation designing military command, control, and communication systems. Warren's Bachelor of Science degree is in computers and physics from Duke University. Throughout his life, he has been fascinated by designing and operating complex systems. System Dynamics provides a useful and satisfying way of describing and analyzing these systems. Warren enjoys the peer group provided by being a member of the International System Dynamics Society and its Policy Council.

Özge Pala – Vice President Membership (2015-2017)

Özge Pala is an assistant professor of management and strategy at the College of Administrative Sciences and Economics, Koç University, Istanbul, Turkey. She holds a PhD from Nijmegen University, the Netherlands. Her research focuses on modeling and analysis of escalation of commitment and other information search biases. Her teaching interests include organizational behavior and behavioral decision making. Özge has been active in the System Dynamics Society for the past 15 years. In 2013, she co-organized the European System Dynamics Workshop in Istanbul. She was one of the founders of the Student Chapter and co-organized the first PhD Colloquia.

Erik Pruyt – Vice President Meetings (2016-2018)

Erik Pruyt is an Assistant Professor of System Dynamics and Policy Analysis at the Faculty of Technology, Policy and Management at Delft University of Technology, the Netherlands, where he teaches System Dynamics to about 250 students per year and supervises many BSc, MSc and PhD students in System Dynamics as well as in Exploratory Modeling and Analysis. More than 100 of his System Dynamics teaching cases are available online through his free e-book *Small System Dynamics Models for Big Issues*. Eric was one of the founders of the BeNeLux Chapter and organized several BeNeLux Chapter conferences. He also presided over the Health Policy SIG and is one of the Health Policy Thread co-chairs. He is one of the local organizers of the International System Dynamics conference in 2014 and 2016. His methodological research focuses on developing methods and techniques for dealing with dynamically complex and deeply uncertain policy issues. His applied research interests include (but are not limited to) health policy, energy and environmental policy, safety and security, and public policy in general.

Diana Fisher – Vice President Pre-College Education (2017-2019)*

Dr. Fisher completed her PhD in System Science at PSU in 2016. She is the recipient of the Lifetime Achievement award, bestowed by the System Dynamics Society, the Presidential Award for Excellence in Teaching, and first place recipient of Intel's Innovation in Teaching Award. She has taught System Dynamics (SD) modeling, both as part of her algebra, pre-calculus, and calculus classes, and also a year-long SD modeling course for over 20 years. She has provided System Dynamics modeling workshops for math and science teachers, sponsored by NASA, as well as designing and directing two National Science Foundation Projects where she taught SD modeling lessons for math, science, and social science teachers, serving as the lead Principal Investigator. Ms. Fisher has published two books in System Dynamics: *Lessons in Mathematics: A Dynamic Approach* and *Modeling Dynamic Systems: Lessons for a First Course.* Her first two degrees are in Mathematics. She teaches Environmental Math Modeling, using System Dynamics, each spring at PSU, and offers a sequence of three online SD courses (with graduate credit option) each summer: Introduction to System Dynamics Modeling for Math and Science Instructors: Basic Models, More Advanced Models, Creating Original Models from the News. *New position in 2017*

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Kenneth G. Cooper – Vice President Professional Practice (2016-2018)

Mr. Cooper is Chairman and CEO of the Cooper Network, applying System Dynamics modeling to biological systems. He also founded and led Cooper Associates, a management consulting firm applying simulation modeling to hundreds of commercial projects. Prior to founding Cooper Associates, Ken led development of the consulting firm Pugh-Roberts Associates (President), and PA Consulting, (Managing Partner). He has directed more than 300 model-based consulting engagements for corporate and government clients, and has published extensively on the business use of simulation modeling. He developed "the Rework Cycle" and pioneered the use of System Dynamics in project management. His clients have included senior executives of Fluor Corporation, Raytheon, Boeing, MasterCard, Northrop Grumman, Ford, IBM, and more. The System Dynamics Society selected his recent work (with Gregory Lee) as winner of the Society's Applications Award for 2009-2010. Ken is a two-time Edelman laureate, most recently in the 2011 global competition to recognize the world's best applications of management science. The Franz Edelman Award is the premiere award in that field; the competition is conducted by the Institute for Operations Research and Management Science (INFORMS). He holds a BS from MIT (1972) and an MA from Boston University (1975).
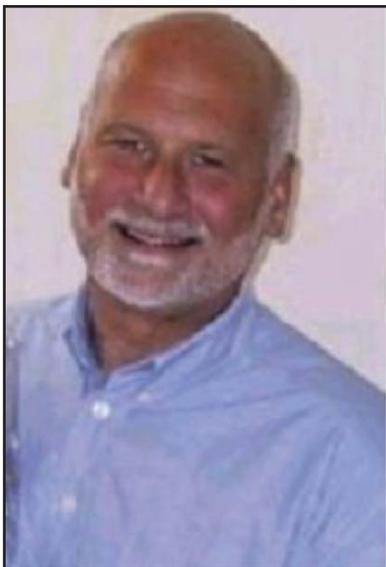
Pål Davidsen – Vice President Publications (2015-2017)

President 2003, local chair for the 2000 conference, and program chair for both the 2002 and 2014 conferences. Professor of System Dynamics, Department of Geography, University of Bergen, Norway (Associate Professor since 1983, Full Professor since 1991). Visiting scholar at the System Dynamics Group, MIT (1985 and 1990/91). Head of research at the Center for Educational Software Development, State College of Karlstad, Sweden (1987- 92). Founder and coordinator of the Masters and PhD Programme in System Dynamics at the University of Bergen. Member of the Educational board of the European Program in System Dynamics. In his research, Prof. Davidsen focuses on how to understand and manage complex, dynamic systems and on theories, methods, techniques and tools (software) to: identify the structural foundations of systems behavior with an emphasis on knowledge elicitation, analysis, and abstraction (distillation); identify appropriate ways to govern systems by developing effective and efficient structural policies, well balanced in the form of a strategies; identify appropriate ways to implement policies and strategies through individual and organizational learning and by using System Dynamics as a foundation for information Systems Development.

Özge Karanfil – Policy Council (2015-2017)

Özge received the Yerby Postdoctoral Fellowship at the Harvard T.H. Chan School of Public Health and was appointed as a Postdoctoral Research Fellow in the Global Health and Population Department, starting September 2016. She is currently working on projects that involve chronic and cardiovascular disease modeling for Malaysia and South Korea, obesity in the Middle East, and a systematic review of risk factors for dyslipidemias in Southeast Asia. Özge completed her PhD in System Dynamics Research Group at MIT in 2016, and is a previous recipient of the Dana Meadows Award from the System Dynamics Society. For more info: www.linkedin.com/in/ozgekaranfil.

Raafat Zaini – Policy Council (2016-2017)*

Raafat completed his PhD in System Dynamics and organization studies at Worcester Polytechnic Institute (WPI) in 2016. His research interest is in the area of organizational dynamics and innovation sustainability with a focus on R&D organizations and higher education institutions. His current work involves the analysis and dynamic modeling of startup research universities strategies, and investigating the role of dissent in organizational health. He won the Graduate Innovation Exchange Award for Phd research in social science and business at WPI in 2013 and 2014. While pursing his PhD, Raafat has worked as a researcher at the MIT Sociotechnical Systems Research Center and currently consults for the Advance Management Group. He served as a co-chair of the System Dynamics Society Business Special Interest Group 2013-15. He is currently the president of WPI System Dynamics club. Raafat has a bachelor degree in mechanical engineering from KFUPM in Dhahran Saudi Arabia, and a master degree in aeronautical and industrial engineering from Purdue University. He spent 20 years in the industry where he held technical and managerial positions before joining WPI in July 2011. *Partial term.*

Gönenç Yucel – Policy Council (2015-2017)

Associate Professor, Bogazici University, Turkey. System Dynamics Society member for ten years. Active in the Energy SIG, and co-chaired the Model Analysis SIG between 2011 and 2015. Organized the PhD Colloquium in 2009. Gönenç Yücel received his BS and MS degrees in industrial engineering from Bogaziçi University in 2000 and 2004, respectively. After earning his PhD degree in Policy Analysis from Delft University of Technology, he joined Bogaziçi University Industrial Engineering Department as a faculty member in 2011. In general, Gönenç has been focusing on simulation methodology, and simulation- supported policy analysis in his research, utilizing agent-based, as well as System Dynamics models. He has been offering graduate level courses on System Dynamics and model-supported policy analysis. For more information: www.gyucel.net.

Elke Husemann – Policy Council (2017)*

Elke Husemann was Program Co-chair at the International System Dynamics Conference in St Gallen, Switzerland in 2012. She is a recipient of the Jay Wright Forrester Award 2007 for the article Steering Away from Scylla, Falling into Charybdis: The Importance of Recognising, Simulating and Challenging Reinforcing Loops in Social Systems and of the Operational Research Society's President's Medal 2014 for the application of systems modelling approaches in the child protection sector in England. *Partial term.*

Sharon Els – Policy Council (2016-2018)

Sharon has specialized in business modeling and simulation for over twenty years. At PA Consulting Group her client work has included: analyzing market change and evolution, optimizing corporate resource allocation, and improving development project performance. She has advised corporate executives and government leaders on complex strategy, policy, and program challenges at a number of technology, aerospace, finance, healthcare, and government organizations. Sharon holds a Bachelor's degree in Civil Engineering from MIT, and an Master's of Business Administration from MIT's Sloan School.

Rebecca Niles – Policy Council (2016-2018)

Rebecca Niles is President of Leverage Networks (a hub for all things systems that is building upon the intellectual property of the former Pegasus Communications), a Senior Facilitator of Systems Strategy for ReThink Health (an organization that is leading health system innovation by bringing regional leaders together around a System Dynamics model for health policy), and a partner at the Systems Thinking Collaborative. She brings 20+ years of entrepreneurial and systems consulting expertise including work at Monitor Company and GKA. Client engagements have included systems training, causal mapping, simulation facilitation, and computer modeling. Issues addressed include employee retention, health system strategy, sustainability, economic growth in Nigeria, platinum refining efficiency, product defect reduction, drug discovery strategy, teacher absenteeism, and nuclear power catastrophes and reporting, among others. Her expertise is in live, collaborative model building and making complex challenges clearer. Rebecca received her BS in Civil Engineering from MIT and an MBA from the MIT Sloan School of Management. While at MIT, she spent three years under the supervision of Jay Forrester developing curriculums for K-12 educations and studied System Dynamics under John Sterman.

Lees N. Stuntz – Policy Council (2017-2018)*

Lees N. Stuntz, Executive Director of the Creative Learning Exchange (CLE), founded the organization in 1991 under the direction of Jay Forrester, the founder of the field of system dynamics. The CLE Board of Trustees includes eminent system dynamicists, George Richardson and Brad Morrison. As Director of the CLE, Ms Stuntz runs workshops on systems thinking and system dynamics for educators and a biennial conference as well as visiting schools across the US while interacting with teachers and administrators. She maintains contacts with the system dynamics community and educators who are interested in utilizing systems thinking and system dynamics in their schools, both administratively and in the classroom. The CLE disseminates curricula and simulations for free on the website and published in book format. Stuntz has her A.B. in Sociology from Wellesley College and her M.A. in Child Study from Tufts University. Her volunteer activities have included serving on the local School Board and Chairing the School Building Committee in her district for many years as well as serving on the Board of Directors for a local children's discovery learning museum. *Partial term.*

Yutaka Takahashi– Policy Council (2016-2018)

Yutaka Takahashi, PhD, is a professor of computer simulation at the School of Commerce, Senshu University in Japan. He teaches System Dynamics in two undergraduate schools; at Senshu University and Gakushuin University, both in Tokyo. Yutaka also teaches a graduate school course at the Graduate School of Commerce, Senshu University. His expertise includes System Dynamics application to business and political issues, System Dynamics methodology research, and issues concerning information use in organizations. Dr. Takahashi serves as a Thread Co-Chair of the International Conference of the System Dynamics Society 2015 and as a Conference Reviewer. He is a board member of Japan Chapter of the System Dynamics Society and was a Chapter Representative. In 2014, he held the roles of the Vice Chair of the Program Committee and the Organization Committee of Asia-Pacific System Dynamics Conference, held in Tokyo. He contributes to publishing SDM-Doc's Japanese Language version. In addition to academic activities, he is also a member of the Public Procurement Audit Committee of Ministry of Health, Labor, and Welfare, Japan, and serves as the Dean of International Academic Affairs, International Center, Senshu University.
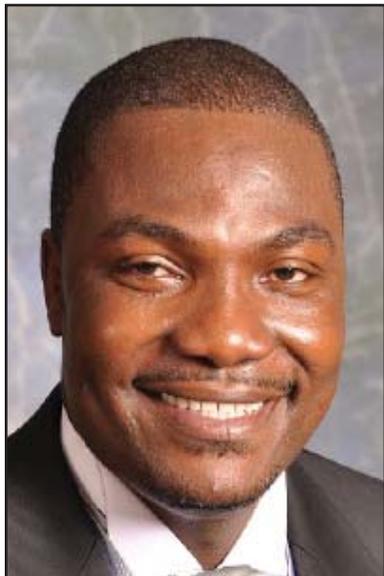
John Pastor Ansah – Policy Council Member (2017-2019)

John P. Ansah is an Assistant Professor in the signature program in Health Services and Systems Research at Duke-National University of Singapore Medical School and a Faculty Fellow at Residential College 4, at National University of Singapore. He has a PhD in System Dynamics from University of Bergen, Norway. His research interests lie broadly within the area of healthcare modeling: to inform health policy, redesign and improve healthcare services. His current research focuses on health and social care for the elderly, health workforce planning, and chronic disease management. John is also interested in group model building and the process of understanding health systems and designing solutions using modeling and simulations to inform policy. John has worked for Millennium Institute and applied System Dynamics methodology extensively. At the Millennium Institute, John was a key member of the modeling team that developed the System Dynamics model for the United Nations Environment Program Green Economy Report.

Nancy Hayden – Policy Council Member (2017-2019)

Nancy K. Hayden is a Principal Member of the technical staff at Sandia National Laboratories, where she is an expert on the nexus of international security policy and science and technology, and has led multi-disciplinary teams to address issues that include nuclear energy safety, nuclear waste management, nonproliferation, and counter terrorism. On assignments to DOE and DOD, she has contributed to the successful completion of bilateral efforts to secure nuclear materials, including the Plutonium Production Reactor Conversion Agreement in Russia and the China Arms Control and MPC&A technical exchange. She recently completed a PhD in the Maryland School of Public Policy, studying impacts of third party interventions on the resiliency of actors in civil conflict, and what that means for conflict dynamics, persistence and/or transformation. She has conducted field research in Morocco, Kenya, Ethiopia, Burundi, and Uganda with military, NGOs and humanitarian relief organizations to support this research. Ms. Hayden is a native of Texas and a permanent resident of New Mexico. She holds a BS in Math from the University of Texas at Austin, an MS in Mechanical Engineering from the University of California at Berkeley, and is a graduate of the executive program on nonviolent conflict at the Fletcher School of International Affairs at Tufts University.

Florian Kapmeier – Policy Council Member (2017-2019)

Florian Kapmeier holds a position as Professor for Strategic Management and Project Management at the ESB Business School of Reutlingen University, Germany. Florian teaches System Dynamics, Strategic Management, and Project Management in bachelor and master modules at the ESB Business School. His research interests include decision making in and strategic management of complex dynamic systems, and in particular managing cyclical markets, the diffusion of new technologies, and sustainability. Regarding the latter, Florian works closely with ClimateInteractive to make the impacts of climate change better understood in Germany. For the System Dynamics Society, he has served on the Policy Council and is member of the Dana Meadows Award Committee. Florian serves on the board of the German Chapter of the System Dynamics Society since its founding in 2006 and is currently serving as its president.

Nuno Videira – Policy Council Member (2017-2019)

Nuno Videira is Assistant Professor at the School of Science and Technology of the New University of Lisbon, Portugal (FCT-NOVA), teaching on integrated modelling for the European Master Program in System Dynamics, as well as environmental management, ecological economics and participatory methods topics for MSc and PhD level programs on environment and sustainability at FCT-NOVA. He has served as Thread Chair and Conference Reviewer for the System Dynamics Society, and ad hoc reviewer for the *System Dynamics Review*. His research focuses on participatory System Dynamics modelling approaches for stakeholder engagement in environmental and sustainability decisions, supporting problem scoping and policy analysis processes dealing with various issues, such as, biodiversity conservation and ecosystem services, water management and sustainable consumption. He has developed extensive experience in the implementation of collaborative processes for the co-creation of models with broad stakeholder groups, having published widely on the topic. He holds a MPhil in System Dynamics from the University of Bergen, Norway, and a PhD in Environmental Engineering from FCT-NOVA.

Assistant Vice Presidents:

Assistant Vice President Electronic Presence: Onur Özgün
Assistant Vice President Finance: Eliot Rich
Assistant Vice President Marketing & Communications: Nancy Zoellner
Assistant Vice President Meetings: Özge Karanfil
Assistant Vice President Membership: Burak Guneralp
Assistant Vice President Secretary: Ross Collins