

Speaker Biographies for Open Session

Susan Cutter

Dr. Susan Cutter is Distinguished Carolina Professor Emerita at the University of South Carolina. She is internationally known for her pioneering work in social vulnerability and community resilience and the development of place-based models and metrics and their application to policy and practice. She chaired the National Academies Committee on Increasing National Resilience to Hazards and Disasters that authored the 2012 seminal report, *Disaster Resilience: A National Imperative*. She is an elected member of the National Academy of Sciences and has received multiple awards for her scholarship in advancing hazards, risk, and disaster sciences.

Margot Habets

Dr. Margot Habets is a Research Associate at the Hazards Vulnerability and Resilience Institute at the University of South Carolina and Academic Liaison for the South Carolina Office of Resilience. Her research focuses on community resilience, climate change adaptation, natural hazards, and social vulnerability, with an emphasis on developing actionable, place-based resilience metrics that inform policy and practice. She has authored numerous peer-reviewed publications and technical reports, collaborates closely with state agencies and local communities, and has extensive experience translating academic research into practical resilience planning. Her work combines quantitative and qualitative methods to support evidence-based decision-making and strengthen community resilience across South Carolina and beyond.

Igor Linkov

Dr. Igor Linkov is a Senior Executive at the US Army Engineer Research and Development Center and an Adjunct Professor at the University of Florida and Carnegie Mellon University. His work is focused on developing methods and tools for measuring resilience in interconnected networks and applying these tools to the environment, critical infrastructure, transportation, energy and cyber systems, supply chains, and command and control systems. He serves as a representative of the Army for the White House Office of Science and Technology Policy's (OSTP) National Nanotechnology Initiative (NNI) and the Networking and Information Technology Research and Development (NITRD) Programs. He was part of OSTP and other committees developing the USA National Resilience Strategy and other resilience-focused policy documents. He has published widely on environmental and technology policy, climate change, and risk and resilience analytics, including thirty books and over 500 peer-reviewed papers and book chapters in top journals, like *Nature*, *Nature Nanotechnology*, *Nature Climate Change*, among others. Dr. Linkov is an Elected Fellow with the American Association for the Advancement of Science (AAAS) and Society for Risk Analysis. He is the Founding President of the International Association for Resilience Analysis (IARA). He has received multiple USACE, Army and DOD Awards and Civilian Service medals, including the highest Civilian Award in the US Army and 2023 Army's Humanitarian Assistance Medal and the 2020 DOD Top Scientist Award. Dr. Linkov has received multiple awards from the Society for Risk Analysis (SRA), the 2022 Edgeworth-Pareto Award from the International Society for Multi Criteria Decision Making (MCDM), the 2022 IDRIIM Distinguished Research Award, and the 2021 Arthur Flemming Award for outstanding public service.