

Prof. Granger Morgan



M. Granger Morgan is Carnegie Mellon University and Hamerschlag Professor of Engineering and Professor in the Department of Engineering and Public Policy, in the Department of Electrical and Computer Engineering and in the H. John Heinz III College. He is Co-Director of the Center for Climate and Energy Decision Making, and of the Electricity Industry Center. He is founding director of Carnegie Mellon's Wilton E. Scott Institute for Energy Innovation. He is a Member of the National Academy of Sciences and of the American Academy of Arts and Sciences and a Fellow of the AAAS, IEEE and SRA.

His research interests are focused on policy problems in which technical and scientific issues play a central role. Methodological interests include problems in the integrated analysis of large complex systems, problems in the characterization and treatment of uncertainty, problems in the improvement of regulation, and selected issues in risk analysis and risk communication. Application areas of current interest include global climate change, strategies for deep decarbonization of the energy system and economy, the future and resilience of the electric power system, risk analysis including risk ranking, health and environmental impacts of energy systems, security aspects of engineered civil systems, national R&D policy, and a number of general policy, management, and human resource problems that involve science and technology.