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In March 2006 he was appointed as Professor of Engineering Management and Systems Engineering, and offered the Batten Endowed Chair on System Engineering. His research interests are in the fields of risk and vulnerability assessment for complex systems, risk assessment transportation of dangerous good, systems engineering modeling for critical infrastructures (e.g. energy systems, multimodal transportation infrastructures, IT security, and petrochemical and refineries complexes), system of systems engineering, sustainable development, homeland security related research and policy science implementation.