

Video script introduction of Dan M. Frangopol at the 17th Annual Outstanding Projects and Leaders (OPAL) Awards Gala, Renaissance Arlington Capital View Hotel, Arlington, Virginia, March 17, 2016

Dan M. Frangopol, Sc.D., P.E., F.SEI, F.EMI, Dist.M.ASCE

“When you look up the life-cycle of civil engineering systems, you are struck by how often one name keeps appearing – that of Dr. Dan M. Frangopol, Professional Engineer, Fellow of the Structural Engineering Institute, Fellow of the Engineering Mechanics Institute, and Distinguished Member of the American Society of Civil Engineers, widely held as the leading educator and creator of the field of life-cycle engineering.

Dr. Frangopol is committed to a broad and international civil engineering education. Currently the first Fazlur R. Khan Endowed Chair of Structural Engineering and Architecture at Lehigh University. He is also professor emeritus of civil engineering at the University of Colorado at Boulder, where he taught for 23 years.

His research interests run the gamut from structural health monitoring and life-cycle optimal maintenance and management of deteriorating structures and networks under uncertainty to infrastructure risk, resilience, sustainability and stochastic mechanics. His ground-breaking work provides safer infrastructure while saving money, time and potentially, human lives.

He is the founding editor of *Structure and Infrastructure Engineering*, a leading peer-reviewed journal. Dr. Frangopol’s stellar, pioneering research notwithstanding, has gone beyond the halls of academia to build the community around this budding field, as founding president of the International Association for Bridge Maintenance and Safety and of the International Association for Life-Cycle Civil Engineering, and through the Consortium on Advanced Life Cycle Engineering for Sustainable Developments, and ASCE-SEI Technical Council on Life-Cycle Performance, Safety, Reliability, and Risk of Structural Systems.

His research, teaching and service have garnered numerous awards, but when asked to reflect on what he is most proud of, he immediately responds: 20 of my former students and post-doctoral researchers are university professors in the United States and abroad, and many are prominent in professional practice and research laboratories.

The American Society of Civil Engineers is proud to recognize Dan Frangopol with its Lifetime Achievement Award in Education.”