



Council on Tall Buildings and Urban Habitat

[About CTBUH](#)
[Tall Buildings](#)
[Publications](#)
[Awards](#)
[Events](#)
[News](#)
[Shop](#)

Dan M. Frangopol inducted as an ASCE Distinguished Member

About CTBUH

Tall Buildings

Publications

Awards

Events

News

[Global Tall News](#)
[Newsletter](#)
[CTBUH In the Media](#)
[Chinese Coverage](#)

Shop



January 25, 2011

CTBUH Member Dan M. Frangopol, currently serving in the inaugural position of the Fazlur R. Khan Endowed Chair of Structural Engineering and Architecture at Lehigh University, was recently named a Distinguished Member of the American Society of Civil Engineers (ASCE). ASCE's highest accolade, distinguished membership recognizes eminence in a branch of engineering, and is currently comprised of only 192 of the Society's 144,000 members worldwide. He was formally inducted, in honor of his contributions to civil engineering, at the Celebration of Leaders luncheon during ASCE's 140th Annual Civil Engineering Conference in Las Vegas, Nevada, held in October 2010.

ASCE recognized Frangopol for his acknowledge eminence related to his outstanding contributions to the advancement of civil engineering research, education, and practice, particularly in structural safety, bridge engineering, and the integration of lifetime monitoring-maintenance-management with life-cycle cost through multi-criteria optimization under uncertainty.

Frangopol's definition of redundancy of structural systems has helped develop system redundancy factors introduced in the first edition of the AASHTO LRFD Bridge Design Specifications. His other significant contributions include a probabilistic model for maintenance of deteriorated structures, a method for managing infrastructure systems that integrates lifetime safety and life-cycle cost, a multi-criteria optimization approach of individual structural systems and networks that simultaneously considers safety, serviceability, maintenance and life-cycle cost, and a method for probabilistic system performance assessment of long span structures.

Frangopol has also demonstrated worldwide leadership in bridge engineering and life-cycle civil engineering. He is the founding editor of *Structure and Infrastructure Engineering*, an international peer-reviewed journal. Additionally, he is also the author or co-author of more than 250 books, book chapters and articles in refereed journals, and more than 500 papers in conference proceedings.

Prior to joining Lehigh University in 2006, Frangopol was a professor of civil engineering at the University of Colorado at Boulder, where he had taught since 1983. He worked in academia at the Technical University of Civil Engineering in Bucharest, Romania, and in structural design with A. Lipski Consulting Engineers in Brussels, Belgium before joining the University of Colorado.

Frangopol received his doctorate in applied sciences from the University of Liège, Belgium, and holds honorary doctorates from the Technical University of Civil Engineering in Bucharest and the University of Liège. He also recently received an honorary professorship of Tongji University in Shanghai, China, and is a Visiting Chair Professor at the National Taiwan University of Science and Technology in Taipei.

Frangopol is devoted to serving the profession, having held various leadership positions in ASCE and other organizations, chaired numerous technical committees, and served as the Founding President of the International Association for Bridge Maintenance and Safety (IABMAS) and of the International Association for Life Cycle Civil Engineering (IALCCE).

Frangopol is the recipient of several national and international awards including the T.Y. Lin Medal, the Newmark Medal, the Croes Medal, the Howard Award, the Moisseiff Award, the OPAC Award, the Munro

Prize, the Kajima Research Award, the IASSAR Research Prize, the State-of-the-Art of Civil Engineering Award (twice), and the SAE Distinguished Probabilistic Methods Educator Award.