

Distinguished Member Honored with Alfredo Ang Award on Risk Analysis and Management of Civil Infrastructure

BY Staff

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Frangopol

ASCE has honored **Dan M. Frangopol**, Ph.D., P.E., F.EMI, F.SEI, Dist.M.ASCE, with the 2016 Alfredo Ang Award on Risk Analysis and Management of Civil Infrastructure for exceptional efforts in advancing, advocating and persistently promoting the life-cycle cost analysis of structures and structural systems, and their integration into reliability-based structural analysis and design.

Frangopol is professor emeritus of civil engineering at the University of Colorado at Boulder and the Fazlur R. Khan endowed chair professor of structural engineering and architecture at Lehigh University. He has made seminal scholarly contributions to all these fields, and is internationally recognized as the leader in life-cycle performance and cost of structural systems and networks, maintenance, risk analysis, multi-criteria optimization, decision-making under uncertainty, and optimal management of civil infrastructure.

In 2010 at his induction as an ASCE distinguished member, Frangopol was recognized as a "preeminent authority in bridge safety and maintenance management, structural systems reliability, and life-cycle civil engineering" whose "contributions have defined much of the practice around design specifications, management methods, and optimization approaches."

The Alfredo Ang Award on risk analysis and management of civil infrastructure recognizes outstanding contributions to one or more in the following fields of research: safety and reliability of engineering systems; life-cycle performance under uncertainty; durability and resilience of engineering systems; safety and performance under natural hazards, and related fields.

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