

Frangopol to Receive the Inaugural ASCE Alfredo Ang Award

This recognition may be made annually to an individual who has made significant technical or technological contributions to the field of risk analysis and management of civil infrastructure.

Dan M. Frangopol, the Fazlur R. Khan Endowed Chair of Structural Engineering and Architecture, has been named the inaugural recipient of the American Society of Civil Engineers' (ASCE) Alfredo Ang Award on Risk Analysis and Management of Civil Infrastructure. The recipient shall have demonstrated outstanding contributions to one or more of 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.

According to the ASCE, Frangopol is receiving the award "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."

The award is named in honor of Professor Alfredo Ang, Ph.D., S.E., Hon.M.ASCE, NAE, the developer of practical and effective methods of risk and reliability approaches to engineering safety-and-design structural criteria formulation.

The award will be formally presented by the ASCE President Mark Woodson and ASCE Executive Director Thomas Smith during the Society's Annual Convention in Portland, OR, September 28-October 1, 2016. Professor Alfredo Ang will attend the award ceremony.

About the award, Frangopol says, "I am humbled by this prestigious recognition and I am glad that my research on risk analysis, life-cycle cost analysis and design, and life-cycle management of civil infrastructure systems found its way into practice."

Frangopol was recently named a foreign member of the Academia Europaea in the Physics & Engineering Sciences category. Earlier this year, Frangopol was acknowledged by the ASCE with the OPAL (Outstanding Projects and Leaders) Award for lifetime achievement in civil engineering education. In April, he received an honorary doctorate from the Polytechnic University of Milan, while in May, he received the 2016 Hillman Award for Excellence in Graduate Advising from Lehigh. Also in May, Frangopol accepted an invitation to join the ASCE Industry Leaders Council to help identify tactical actions for ASCE and the civil engineering profession. As a Distinguished Member of ASCE, Frangopol is credited with conducting research that "has not only saved time and money, but very likely also saved lives."

—John Gilpatrick
July 29, 2016

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"I am humbled by this prestigious recognition and I am glad that my research on risk analysis, life-cycle cost analysis and design, and life-cycle management of civil infrastructure systems found its way into practice," Frangopol says about receiving this award.



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