

## Continued recognition for CEE's Dan Frangopol

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### Authority on life-cycle engineering ranked 10th in CivE in worldwide citation study, named honorary president of IABMAS-USA

Civil engineering professor [Dan M. Frangopol](#), the Fazlur R. Khan Endowed Chair of Structural Engineering and Architecture, has received the following recognitions:

- In a recent Stanford University worldwide citation study published in *PLOS Biology*, Frangopol was ranked 10th in the field of civil engineering. The study analyzed Scopus citation data in 22 scientific fields and 176 sub-fields from 1996 to 2017. Both living and deceased authors cited during that period were covered. The 100,000 most-cited authors across all scientific fields were sorted and ranked by a composite point index. More information on the methodology is available [here](#).
- In January 2020, Frangopol was named honorary president of IABMAS-USA, a national group within the [International Association for Bridge Maintenance and Safety](#). The inaugural IABMAS-USA meeting took place during the 2020 Transportation Research Board Annual Meeting in Washington, DC, and drew about 50 participants from industry (including FHWA, TRB, AECOM, Modjeski & Masters, and Bridge Diagnostics) and a number of universities. IABMAS-USA is the 11th national group of IABMAS; the organization is represented across five continents. Frangopol is the founding president of IABMAS, which has more than 2,000 members from about 60 countries. The [2020 IABMAS Conference](#) will be held June 28 to July 2 in Sapporo, Japan. Approximately 600 participants are expected to attend.
- Frangopol was also featured in the October 2019 issue of Italian magazine *leStrade*. In the wide-ranging interview, entitled "Reliable, Robust and Resilient Structures: The State of the Art and Practice of Life-Cycle Engineering," he discusses his two latest books, *Life-Cycle Structures Under Uncertainty* (co-authored with his former student Sunyong Kim '11 PhD) and *Life-Cycle Design, Assessment, and Maintenance of Structures and Infrastructure Systems* (co-edited with Fabio Biondini). He also highlights milestones in his research career and underscores the relevance of the life-cycle approach he pioneered, telling *leStrade*:

"In the United States and many parts of the developed world, a great number of civil and marine structures are approaching the end of their design service life. These ageing structures pose mounting economic, social and environmental risks associated with unsatisfactory performance under normal and extreme loading conditions. Nevertheless, the natural and financial resources for maintenance are strictly constrained. Therefore, there is a growing need to optimally manage these deteriorating structures in the life-cycle context."

Read a summary of the interview [here](#) and download the complete article [here](#).

—*Katie Kackenmeister is assistant director of communications for the P.C. Rossin College of Engineering and Applied Science.*

#### Related Links:

- [Faculty Profile: Dan M. Frangopol](#)
- [PLOS Biology: "A standardized citation metrics author database annotated for scientific field"](#)
- [IABMAS 2020: 10th International Conference on Bridge Maintenance, Safety and Management](#)
- [leStrade: "Reliable, Robust and Resilient Structures: The State of the Art and Practice of Life-Cycle Engineering"](#)

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Dan M. Frangopol, Fazlur R. Khan Endowed Chair of Structural Engineering and Architecture

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