

# Dan M. Frangopol Publishes Book on Life-Cycle of Fatigue-Sensitive Civil and Marine Structures

Home » Dan M. Frangopol Publishes Book on Life-Cycle of Fatigue-Sensitive Civil and Marine Structures

Home

About I-CPIE

Research

Centers

Facilities

Industry

Faculty & Staff

Outreach & Opportunities

Contact

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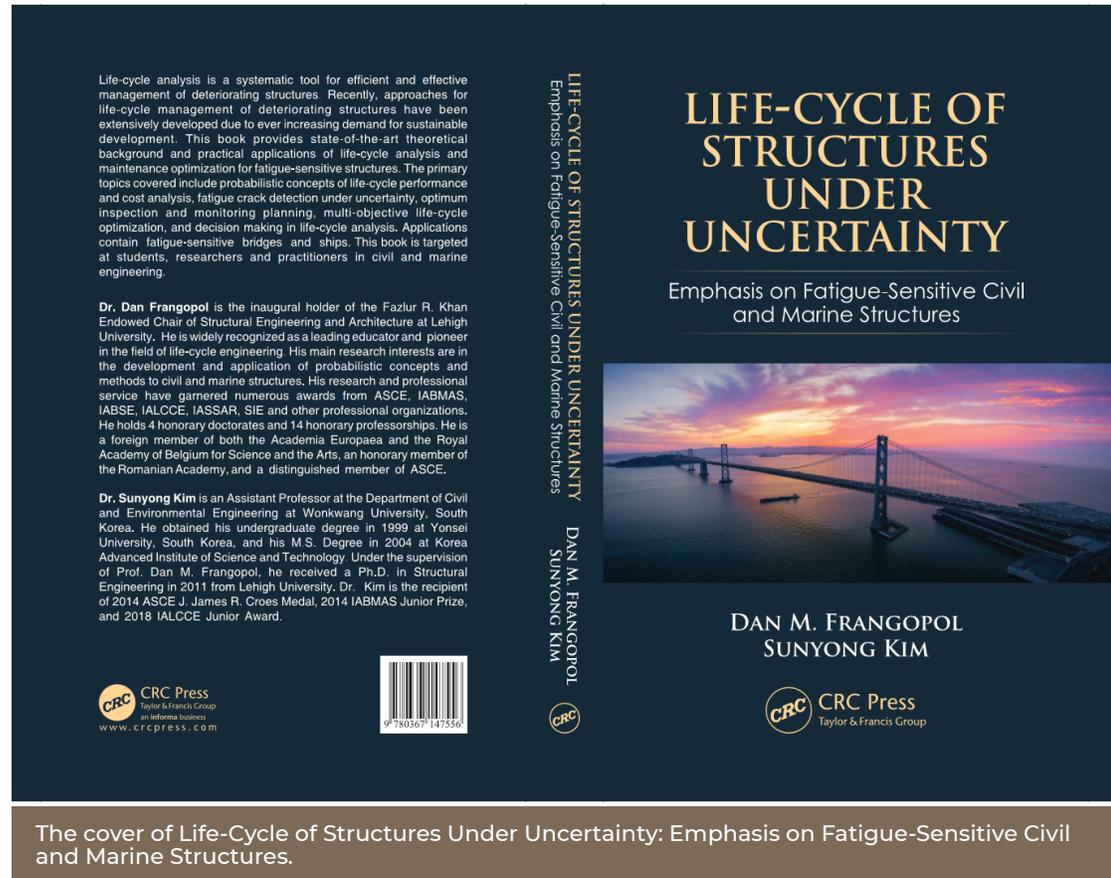


Co-authors Dan M. Frangopol (left) and Sunyong Kim (right).

Congratulations to [Dan M. Frangopol](#), Institute for Cyber Physical Infrastructure & Energy (I-CPIE) faculty and the Fazlur R. Khan endowed Chair of Structural Engineering and Architecture, on the recent publication of his book, *Life-Cycle of Structures Under Uncertainty: Emphasis on Fatigue-Sensitive Civil and Marine Structures*. Frangopol co-authored the book with [Sunyong Kim](#), Lehigh alumnus and Assistant Professor of Civil and Environmental Engineering at Wonkwang University, South Korea. Kim completed his Ph.D. in 2011 under the supervision of Frangopol and was the third [Ph.D. student](#) that Frangopol graduated at Lehigh.

*Life-Cycle of Structures Under Uncertainty* joins Frangopol's [legacy of work](#), which includes books, book chapters, articles in archival journals, award-winning papers, papers in conference proceedings, and technical reports. According to the [American Society of Civil Engineers](#), Frangopol's contributions to the field have, "defined much

of the practice using design specifications, management methods, and optimization approaches." This latest book provides state-of-the-art theoretical background and practical application of life-cycle analysis and maintenance optimization for fatigue-sensitive structures.



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