Aftab Mufti Medal
Honors Innovators & High Achievement in Civil Structural Health Monitoring

2021 Recipients
Lifetime Achievements in Civil Structural Health Monitoring
• THE INAUGURAL FAZLUR R. KHAN ENDOVED CHAIR OF STRUCTURAL ENGINEERING AND ARCHITECTURE AT LEHIGH UNIVERSITY,

• FRANGOPOL HAS MADE SEMINAL SCHOLARLY CONTRIBUTIONS TO STRUCTURAL HEALTH MONITORING (SHM) BY BRINGING RELIABILITY AND OPTIMIZATION METHODS INTO THIS FIELD.

• HE IS INTERNATIONALLY RECOGNIZED FOR PIONEERING THE INTEGRATION OF HEALTH MONITORING IN LIFE-CYCLE PERFORMANCE ASSESSMENT, PREDICTION, AND OPTIMIZATION OF STRUCTURAL SYSTEMS UNDER UNCERTAINTY. HIS INNOVATIVE METHODOLOGIES HAVE BEEN INSTRUMENTAL TO TREMENDOUS ADVANCES IN HEALTH MONITORING OF STRUCTURAL SYSTEMS.

• FRANGOPOL IS THE FOUNDING PRESIDENT OF BOTH THE INTERNATIONAL ASSOCIATION FOR BRIDGE MAINTENANCE AND SAFETY (IABMAS) AND THE INTERNATIONAL ASSOCIATION FOR LIFE-CYCLE CIVIL ENGINEERING (IALCCE) AS WELL AS FOUNDING VICE-PRESIDENT OF ISHMII.
DAN M. FRANGOPOL

- He is also the past vice-president of the International Association for Structural Safety and Reliability (IASSAR) and past vice-president of the Engineering Mechanics Institute (EMI) of ASCE, as well as past member of its Board of Governors.

- He has authored/co-authored three books, more than 50 book chapters, and over 420 articles in archival journals (117 in ASCE journals), including 11 prize-winning papers.

- Frangopol is the founder and editor-in-chief of *Structure and Infrastructure Engineering*, an international peer-reviewed journal launched in 2005, and of the book series *Structures and Infrastructure*.

- He is the recipient of several medals, awards, and prizes from professional organizations.
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Civil Structural Health Monitoring
2021 Award Recipient

DAN M. FRANGOPOL