



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

**2021 Recipients  
Lifetime Achievements in  
Civil Structural Health Monitoring**





# DAN M. FRANGOPOL

- THE INAUGURAL FAZLUR R. KHAN ENDOWED 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.

2021 Aftab Mufti Medal  
Honors Innovators and High Achievement  
in Civil Structural Health Monitoring

Lifetime Achievements in  
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2021 Award Recipient

**DAN M. FRANGOPOL**

