



Inaugural JRC MEMORIAL LECTURE 2021

Risk, Resilience and Sustainability of Civil Infrastructure under Lifetime Hazards including Climate Change

INVITED SPEAKER

Dr. Dan M. Frangopol

Fazlur Rahman Khan Endowed Chair & Professor
Department of Civil and Environmental Engineering
Lehigh University, USA



8 PM. BST (UTC +6). FRIDAY. 3 DECEMBER 2021

LIVE WE Remember JRC

Introduction & Background
Ar. Qazi M. Arif

Secretary Communication & Publication, BUET Alumni
Co-Chair, JRC Memorial Lecture Advisory Committee

Address of Welcome

Engr. Muniruddin Ahmed
Acting President, BUET Alumni

Homage to the Memory of National Professor Jamilur Reza Choudhury

Prof. Satya Prasad Majumder
Vice Chancellor, BUET and Chief Patron, BUET Alumni

Introduction of the Speaker

Dr. Kauser Jahan
Professor & Head, Dept. of Civil & Environmental Engineering, Rowan University
Member, JRC Memorial Lecture Advisory Committee

Invited Speaker

Dr. Dan M Frangopol

FR Khan Endowed Chair Professor of Civil & Environmental Engineering, Lehigh University
Q & A

Vote of Thanks

Dr. Sadiqul Islam Bhuiyan

Secretary General, BUET Alumni
Chair, JRC Memorial Lecture Advisory Committee

JRC Memorial Lecture Advisory Committee:

Engr. Mir Mujibur Rahman- Chairman, BUET Alumni of North America - Member
Dr. Md. Delwar Hossain- Professor & Head, CE BUET - Member
Dr. Kauser Jahan- Professor & Head, Dept. of Civil & Environmental Engineering, Rowan University - Member
Dr. A.K.M. Masud- Professor, IPE BUET - Member
Engr. Ziaul Islam- Management & Program Analyst WAPA, California - Member
Ar. Qazi M. Arif- Secretary, Communication & Publication, BUET Alumni - Co-Chair
Dr. Sadiqul Islam Bhuiyan- Secretary General, BUET Alumni - Chair

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Lehigh University, USA



Dr. Dan M. Frangopol is the Fazlur R. Khan Endowed Chair of Structural Engineering and Architecture at Lehigh University. He is recognized as a leader in the field of life-cycle engineering of civil and marine structures under various types of hazards. He is the Founding President of the *International Association for Bridge Maintenance and Safety* (IABMAS) and *International Association for Life-Cycle Civil Engineering* (IALCCE).

Dr. Frangopol has authored/co-authored 3 books, more than 60 book chapters, and over 430 articles in archival journals including 11 prize winning papers. Dr. Frangopol is the recipient of several medals, awards, and prizes, from ASCE, IABSE, IASSAR, SAE and other professional organizations. He has served as a consultant or advisor to companies in North America, Asia, and Europe.

Dr. Frangopol holds 4 honorary doctorates and 14 honorary professorships from major universities. He is an elected member of the US National Academy of Construction, a foreign member of the Academy of Europe (London), a foreign associate of the Engineering Academy of Japan, a foreign member of the Royal Academy of Belgium, an honorary member of the Romanian Academy, an honorary member of the Romanian Academy of Technical Sciences, and a distinguished member of ASCE.

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Annual JRC MEMORIAL LECTURE



Background

The Annual JRC Memorial Lecture has been established by BUET Alumni (Bangladesh University of Engineering & Technology Alumni Association) to share knowledge of today's practitioners with tomorrow's engineers, scientists, public policy makers and more. It is an annually recurring lecture presented in November, his birth month, to celebrate the legacy and vision of JRC. The focus of this 60-minute lecture is to bring renowned global leaders, visionaries and contributors to share and promote intellectual thoughts and knowledge for the future of the world. The target audience includes students & alumni, scientists, practitioners, policy makers and social leaders.

This lecture is inspired by the work and vision of Dr. Jamilur Reza Choudhury (popularly known as JRC), National Professor of Bangladesh, Dr. Jamilur Reza Choudhury was an internationally recognized civil engineer, educator, researcher, and administrator. He was the most eminent personality in the engineering community of Bangladesh that made a great impact on science and technical education, the engineering profession, and national development, particularly the development of infrastructure and IT sectors of Bangladesh. Professor Choudhury served as the vice chancellor for BRAC University and the University of Asia Pacific and was awarded the prestigious Ekushe Padak in the category of science and technology in 2017 and the most honored National Professor academic rank in 2019 by the Government of Bangladesh.

Dr. Choudhury served as the President of the BUET Alumni Association from 2005 until he breathed last in 2019 and was instrumental in bringing together the alumni of BUET from all over the globe.

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