

Announcement

Dan M. Frangopol awarded the Nathan M. Newmark medal

Dan M. Frangopol, a Professor in the Department of Civil, Environmental, and Architectural Engineering at the University of Colorado at Boulder, has been awarded the prestigious Nathan M. Newmark Medal, 2005, by the American Society of Civil Engineers (ASCE). The Medal was presented at the 2005 ASCE Structures Congress, April 20–24, 2005, New York, NY. The Newmark Medal is given to an ASCE member whose outstanding contributions in structural mechanics have substantially strengthened the scientific base of structural engineering. It is jointly awarded by the Engineering Mechanics and Structural (Structural Engineering Institute) Divisions of ASCE. Dr. Frangopol was cited for “outstanding contributions to structural engineering and engineering mechanics, particularly the modeling and optimization of lifetime system performance of deteriorating materials and structures in the civil infrastructure”.

In 1976, Dan Frangopol received his doctorate in Applied Sciences from the University of Liège, Belgium, and holds an honorary doctorate degree (Doctor Honoris Causa) from the Technical University of Civil Engineering, Bucharest, Romania. He is an elected Fellow of both ACI and ASCE, Honorary Member of the Romanian Academy of Technical Sciences, and Past Chair of the ASCE Executive Committee, Structural Engineering Institute, Technical Activities Division. Before joining the University of Colorado in 1983, he worked for four years in structural design with A. Lipski Consulting Engineers in Brussels, Belgium. He is an experienced researcher and consultant to industry and government agencies, both nationally and abroad.

Professor Frangopol's research has been in the area of modeling and optimization of lifetime system performance of deteriorating materials and structures in the civil infrastructure, safety and reliability in structural engineering and engineering mechanics, life-cycle cost analysis and design of highway bridges, and multi-criteria optimization. More recently he has focused on health monitoring of high temperature materials and systems and life-cycle analysis and optimization of micro-systems. Dr. Frangopol is the author or co-author of 20 books and book chapters and over 300 technical refereed papers. He is also the editor or co-editor of 17 books published by ASCE,

Balkema, CIMNE, Elsevier, McGraw-Hill, and Thomas Telford.

Dr. Frangopol is the Founding President of the *International Association for Bridge Maintenance and Safety* (IABMAS—<http://iabmas.org/>) and Director of the *Consortium on Advanced Life Cycle Engineering for Sustainable Civil Environments* (COALESCE—<http://ceae.colorado.edu/life-cycle>). He is also the Founding Editor of *Structure and Infrastructure Engineering* (<http://www.tandf.co.uk/journals/titles/15732479.asp>), an international peer-reviewed journal dedicated to recent advances in maintenance, management and life-cycle performance of a wide range of infrastructures.

Dr. Frangopol's national and international awards include the 1996 Distinguished Probabilistic Methods Award of the Society of Automotive Engineers (SAE), the 1998 and 2004 ASCE State-of-the-Art of Civil Engineering Award, the 2001 Research Prize in the area of System Reliability and Optimization of the International Society for Structural Safety and Reliability (IASSAR), the 2001 ASCE J. James R. Croes Medal, the 2002 Japan Society for the Promotion of Science (JSPS) Fellowship for Research in Japan, the 2003 ASCE Moisseiff Award, and the 2004 Kajima Research Award, Kajima Corporation, Japan.

His recent awards at the University of Colorado include the 1999 College of Engineering and Applied Science's Faculty Research Award, the 2003 Clarence L. Eckel Faculty Prize for Excellence, and the 2004 Boulder Faculty Assembly Excellence in Research, Scholarly and Creative Work Award.

P.L. Gould*

*Department of Civil Engineering,
Washington University,
School of Engineering,
1 Brookings Drive,
St. Louis, MO 63130,
United States*

E-mail address: pgoul@seas.wustl.edu

Available online 24 May 2005

* Fax: +1 314 935 4338.