

Nathan M. Newmark Medal Awarded to Dan Frangopol

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."

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, health monitoring of structural systems, and 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.