



Research Organization: **Road, Housing and Urban Development Research Centre (BHRC), Tehran, Iran**

Individual Member: **prof. Tariq Mahdi**

Short CV:

Dr. Mahdi received his B.SC. in Civil Engineering in 1971 and received his Ph.D. in Structural Engineering in 1980 with a thesis entitled "Finite element analysis of thin cylindrical shell structures". Since 1980, Dr. Mahdi had worked for more than 15 years in different universities as assistant professor. He taught many fundamental structural engineering courses for both graduate and undergraduate students. He also taught a wide variety of other subjects such as computer applications and finite element analysis and supervised many M.SC theses. Beside his academic activities, he also participated in many professional projects as part of construction, design or consultant teams. Since 2001, he has worked as a senior researcher at the Road, Housing and Urban Development Research Centre (BHRC), Iran. His research activity has been mainly devoted to masonry structures; shell structures: nonstructural components; and nonlinear analysis of engineering structures. He authored or co-authored more than 90 journal and conference papers, several research reports, and many books. Dr. Mahdi led several research projects on nonstructural components including: (a) reviewing nonstructural provisions in the seismic codes; (b) assessing nonstructural components in important buildings; (c) developing new design regulations for partition walls; (d) conducting shaking table experimental tests on drywall partitions; and (e) investigating the seismic response of moment resisting frames infilled with nonstructural masonry walls. He supervised four M.SC theses on the seismic performance of nonstructural components.

Dr. Mahdi is currently working on a large project for the Road, Housing and Urban Development Research Centre, Iran. The main aim of this project is the reduction of the seismic response of nonstructural components in important buildings, since the failure of such components could affect the safety and functionality of such buildings. Furthermore, Dr. Mahdi is currently supervising two Ph.D. students working in the field of "nonstructural infill walls".