

Bio for Arzhang Alimoradi

Arzhang Alimoradi is a lecturer at the University of Southern California and a senior research engineer with John A. Martin & Associates in Los Angeles. He earned his Ph.D. from the University of Memphis in 2004 and is an alumnus of the International Institute of Earthquake Engineering and Seismology. Arzhang Alimoradi is a registered professional engineer in the State of California.

Arzhang Alimoradi is recipient of the 2006 Outstanding Journal Paper Award from the Los Angeles Tall Buildings Structural Design Council. He currently serves on the Editorial Board of the Journal of Structural Engineering (ASCE) and he has been a constant reviewer of more than ten technical journals with international circulation. Alimoradi has published more than 30 papers, reports, book chapters, and computer software in peer-reviewed venues. He has been invited to chair sessions of the World Conference on Earthquake Engineering and has judged the EERI-PEER Shake Table Competitions. In 2006, he originally proposed, planned, and executed the EERI Annual Graphics Competition and has chaired the competition ever since. Arzhang Alimoradi has served the U.S. National Science Foundation as panelist and reviewer of research proposals.

Arzhang Alimoradi has been on many national/international committees and boards: American Society of Civil Engineers; Earthquake Engineering Research Institute; Seismological Society of America; International Association for Computational Mechanics; and Structural Engineers Association of Southern California are a few to name. He has collaborated with the Pacific Earthquake Engineering Research Center (UC -Berkeley); Mid-America Earthquake Center (University of Illinois); California Institute of Technology; John A. Blume Earthquake Engineering Research Center (Stanford University); Applied Technology Council; and California Strong Motion Instrumentation Program.

Arzhang Alimoradi's research focus is on Structural Dynamics and Earthquake Engineering, Strong Ground Motion Characterization, Nonlinear Dynamics and Simulation of Complex Response, Optimization and Computational Intelligence in Structural Mechanics, and System Identification. His teaching and practice encompass a multi-disciplinary combination of research findings in dealing with critical engineering problems.