CURRICULUM VITAE: Emmanuel "Manos" Maragakis

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Emmanuel "Manos" Maragakis

A. CURRENT POSITION

Dean of Engineering and Professor of Civil and Environmental Engineering, University of Nevada, Reno
University of Nevada Reno Foundation Professor (since 2005) – Recipient of the Associated of General Contractors (AGC) Skill, Integrity, Responsibility (SIR) Award (February 2018)
(https://www.unr.edu/nevada-today/news/2018/manos-maragakis-sir-award)

B. PERSONAL DATA

Birth Date:	March 2, 1957
Home Address:	6132 Carriage House Way Reno, Nevada, 89519
Office Address:	College of Engineering/256 University of Nevada, Reno, NV 89557-0256

C. EDUCATIONAL RECORD

1. B.S. Civil Engineering — June 1980
   National Technical University of Athens, Greece (5-year program)
2. M.S. Civil Engineering — June 1981
   California Institute of Technology, Pasadena
3. Ph.D. Civil Engineering — Dec. 1984
   California Institute of Technology, Pasadena (thesis supervisor: Dr. Paul C. Jennings)

D. PROFESSIONAL EXPERIENCE

Research Assistant

1979-1980	National Technical University of Athens
1982-1984	California Institute of Technology

Teaching Assistant

1981-1982	California Institute of Technology, Pasadena

Instructor

6/1984-8/1984	Instructor of the Computer Language course at Pasadena City College.

Professor, Chair, Dean

8/1984-6/1989	Assistant Professor, Civil Engineering Department, University of Nevada, Reno, Nevada.
7/1989-6/1994	Associate Professor, Civil Engineering Department, University of Nevada, Reno, Nevada.
7/1994-6/2008	Professor and Chair, Civil and Environmental Engineering Department, University of Nevada, Reno, Nevada.
5/2005	Awarded the title of University of Nevada, Reno Foundation Professor.
7/2008-2/2009	Interim Dean, College of Engineering, University of Nevada, Reno.
2/2009-Now	Dean, College of Engineering, University of Nevada, Reno (http://www.unr.edu/engineering)

E. ADMINISTRATIVE AND SERVICE EXPERIENCE

1. Dean

Appointed as Dean of the College of Engineering, March 1, 2009-today.
The appointment was the result of an open national search process conducted by an external search firm.

Previously I served as Interim Dean of the College of Engineering, July 1, 2008-February 28, 2009.
The appointment was the result of an internal search process established by the University Administration.

Major accomplishments and initiatives as Dean of the College of Engineering since July 2008:

During the past ten years, the College of Engineering (https://www.unr.edu/engineering) has experienced substantial growth in all aspects of its operation. Its undergraduate enrollment has grown by over 103%, the number of tenure track faculty by 76%, the number of lecturers, research and administrative faculty by 250%, the number of PhD students by 45%, and research funding and expenditures by over 35%. In addition a new $96M, 100K square feet new Engineering Building is under construction and expected to be completed in summer 2020 (https://www.unr.edu/engineering/about#virtualtour). Some of the initiatives that contributed to this growth are briefly described below.

1. Establishment of a student success and educational enhancement program including:
   a. Initiative for globally competitive engineering and computer science education, including the establishment of new exchange agreements for engineering programs with over 15 Universities around the world and the establishment of accelerated BS-MS programs with three Chinese Universities (https://www.unr.edu/engineering/student-resources/exchanges).
   b. Establishment of a new "boot camp" (E-FIT) program for entering freshman as part of a university wide initiative (https://www.unr.edu/nevadafit).
   c. Establishment of new advisement and retention procedures. This includes the establishment of an Advisement Center (http://www.unr.edu/engineering/student-resources/advising) and the creation of a new Engineering Tutoring Center (http://www.unr.edu/engineering/student-resources/tutoring) (the College has achieved its highest retention and graduation rates).
   d. Establishment of a career support center (http://www.unr.edu/engineering/student-resources/careers-and-internships) (see also item b section 10 below).
   e. Establishment of an interdisciplinary graduate certificate on renewable energy with the participation of seven collages (http://www.unr.edu/degrees/renewable-energy/certificate).
   f. Establishments of new Minors in Unmanned Autonomous Systems (College wide), Renewable Energy (University wide), Cybersecurity (University wide), Big Data, Manufacturing Quality (College wide) and Batteries and Energy Storage Technologies Technology (College wide) (https://www.unr.edu/engineering/academics).
   g. Establishment of a new Advanced Manufacturing Pathway degree in collaboration with the Truckee Meadows Community College (Fall 2016).
   h. Establishment of a new undergraduate degree in Biomedical Engineering (Fall 2016).
   i. Collaborative initiative with the College of Business for the establishment of a 5-year BS-MBA program for all engineering majors (http://www.unr.edu/engineering/academics/accelerated).
   j. Establishment of 5 year BS-MS programs for all engineering majors (http://www.unr.edu/engineering/academics/accelerated).
   k. Establishment of new computing procedures and resources (http://www.unr.edu/engineering/student-resources/engineering-computing-center).
   l. Establishment of a new Engineering Education program in close collaboration with the College of Education.

2. Establishment of a comprehensive K-12 outreach and recruitment program including:
   a. Outreach to elementary and middle schools through Summer Camps (http://www.unr.edu/engineering/research-and-outreach/k-12-outreach/engineering-summer-camps) and the Mobile Engineering Education Laboratory (ME2L) (http://www.unr.edu/engineering/research-and-outreach/k-12-outreach/me2l).
   b. A series of expanded activities by the Mathematics Engineering Science Achievement (MESA) program, (https://www.unr.edu/engineering/k-12/mesa).
   c. A new major collaborative initiative with the College of Education to introduce engineering in the K-12 curriculum.
   d. A new major initiative for close collaboration with the Nevada Discovery Museum.
   e. An expanded outreach/recruitment program to middle and high schools. The College's undergraduate enrollment has increased by over 100% since 2008.
   f. Establishment of new procedures for recruiting of high achieving students (the College has achieved its highest numbers of National Merits and Presidential Scholars and leads the University).

3. Establishment of new graduate student recruiting procedures (currently the College has achieved record graduate enrollments exceeding 320 students with a 45% increase of PhD candidates).
4. Development of comprehensive Metrics for the College of Engineering, which were used as a basis for strategic planning.
5. Development of a College Strategic Plan in coordination with all the departments-development of departmental strategic plans- data based monitoring of progress and adjustments. The plan was revised in December 2016. (https://www.unr.edu/Documents/engineering/college/StrategicPlan_December2016.pdf).
6. Establishment of a differential fee program, which currently generates over $2.9M per year for the College of Engineering (http://www.unr.edu/engineering/student-resources/differential-fees).
7. Increased the number of academic tenure-track faculty positions from 58 in 2008 to 103in 2019.
8. Establishment of new development procedures and a comprehensive development strategic plan. Major gifts include:
    a. Over $1.2M for the design of the new engineering building.
    b. Over $22M for the construction of the new engineering building.
    c. Planned gift exceeding $5M for the establishment of a professorship in Aeronautical Engineering
    d. Planned gift exceeding $5M for the establishment of a maintenance fund for the maintenance of the new engineering building.
    e. Over $3.0 M from NV Energy for the support of the Renewable Energy and Sustainability Program.
    f. Three new professorships.
    g. A $450 K gift to establish an Instructional Designer Position.
    h. Over $800K for the support of the expansion of the Earthquake Engineering Lab.
    i. Major annual gifts from Mallory Foundation for the support of the K-12 program.
    j. Over 50K donations for new equipment for the Renewable Energy Program.
    k. Over $100K annual gifts from the Corporate Partners Program.
    l. Miscellaneous annual gifts of approximately $1-1.9M.
9. Capital improvements during my tenure as dean include:
    a. A comprehensive effort for the design, approval and construction of a new 100,000sf Engineering Building. The cost of the building exceeds 96M The building is under construction and expected to be completed in summer 2020. For more details look at: https://www.unr.edu/engineering/about#virtualtour
    b. Complete renovation of Palmer Engineering ($13.5M), which was completed in August 2017.
    c. Expansion of the Earthquake Engineering Laboratory (an $18.5M project that has resulted in the "most versatile earthquake simulation facility in the nation"), which is the biggest earthquake simulation facility in the country (https://nees.unr.edu/facilities-and-equipment/earthquake-laboratory).
    d. Extensive renovations of engineering buildings.
    e. Expansion of the engineering space across campus.
10. Establishment of a comprehensive outreach to industry program including:
    a. The initiation of the Engineering Corporate partners program (http://www.unr.edu/engineering/support-the-college/corporate-partners) with the vision to "bring together a select group of companies/firms to collaborate with engineering and computer science educators, researchers and students".
    b. The establishment of an Internship and Career Support Center for the College of Engineering that organizes job fairs, offers employment-preparation seminars to students, assists students with internships and helps industry address their workforce needs (http://www.unr.edu/engineering/student-resources/careers-and-internships).
    c. Establishment of collaborations with economic development authorities such as EDAWN (Economic Development Authority of Western Nevada), Nevada Industry Excellence (NVIE) and GOED (Governor's Office of Economic Development) to assist the State meet its economic development and diversification goals.
    d. Development of a university wide collaborative on renewable energy, the Renewable Energy Center. The Center has been recently reconfigured into the Nevada Institute for Sustainability (https://www.unr.edu/nvis).
    e. The creation of NAASIC (Nevada Advanced Autonomous Systems Innovation Center) with the mission "to spur research, innovation, and commercialization to advance innovation-based economic development in Nevada"(http://www.unr.edu/nevada-engineering/naasic). This was a $3M project funded by the Governor's Office for Economic Development.
    f. Establishment of the "Engineering Innovation day" (http://www.unr.edu/engineering/news-and-events/special-events/innovation-day)
    g. Establishment of minors, academic and certificate programs that meet industry needs (see section 1 above)

11. Initiatives for the increase of research productivity (the College has achieved a record number of new awards in 2019 exceeding $19M). The College has played a critical role in achieving R-1 classification.
12. Establishment of comprehensive ABET assessment procedures and preparation for the ABET visit (the last visit took place in September 2017– all programs are accredited) (http://www.unr.edu/engineering/about/abet-accreditation).
13. Establishment of a Comprehensive Public Relations and Community Outreach Program (https://www.unr.edu/engineering/about/news) including:
    a. Establishment of the "Nevada Engineer" magazine, an annual publication with national circulation (https://www.unr.edu/nevada-engineering).
    b. Production of the faculty research handbook, a publication providing details about the research expertise and facilities in the College of Engineering.
    c. Establishment of an electronic newsletter program that includes:
        i. Electronic news letters with information about the major developments and faculty and student news in the College.
        ii. Annual departmental electronic newsletters.
    d. Announcements with national circulation including faculty hires and major accomplishments as well cards describing all the educational programs that are disseminated to K-12 educators, parents, prospective students and general public as necessary.
    e. Establishment of a system, in collaboration with Department Chairs and Integrated Marketing, to address the web site needs of the College, the Departments, Centers, major programs, students and faculty (http://www.unr.edu/engineering/).
    f. Establishment, in collaboration with the Advisory Board, of the Engineering Distinguished lecture Series (https://www.unr.edu/engineering/about/news/distinguished-lecture).
    g. Close collaboration with the Media Relations and Integrated Marketing to secure a wide spread coverage of the College's achievements in local, national and global media.
    h. Expansion and restructuring of the College of Engineering Advisor Board.
14. Increase of College's and individual departments' national rankings.
15. Establishment of a Faculty and Staff Career Enhancement Plan to promote and reward excellence and transformative achievements.

Member of the following Committees as Dean of Engineering:

1. Member of the ASEE Deans Council.
2. Member of the ASEE Deans Council Public Policy Committee.
3. Member of the Global Engineering Deans Council (GEDC).
4. Member of the Northern Nevada Skilled Labor Workforce Committee.
5. Member of the State of Nevada Governor's Clean Energy Sector Council.
6. Member the State of Nevada Governor's Trade Mission Team to China and South Korea (September 2012).
7. Member the State of Nevada Governor's Trade Mission Team to Israel (September 2013).
8. Member the State of Nevada Governor's Trade Mission Team to Canada (April 2014).
9. Member of the Advisory Board for the Civil Engineering Practitioners Program - Truckee Meadows Community College

2. Department Chair

1. Elected Acting Chair of the Civil Engineering Department, July 1, 1992-December 31, 1992.
2. Elected Chair of the Civil Engineering Department, July 1, 1994-1999,
3. Elected Chair of the Civil and Environmental Engineering Department 1999-2002, 2002-2005, 2005-2008.

Under my leadership the department accomplished the following (data reported until 2008):

1. Established an undergraduate degree in Environmental Engineering and the department is currently offering two ABET accredited degrees: one in Civil Engineering and another in Environmental Engineering- Changed its name to Civil and Environmental Engineering (CEE).
2. Established a new program in Transportation engineering.
3. Grew the size of the faculty to 15 tenure track positions and 10 soft-funded positions.
4. Underwent three successful ABET reviews and established an assessment process recognized nationally as an "ABET best practice".
5. Grew its enrollment to a record high at the time 397 undergraduates, 21 PhD and 37 MS students (Fall 2007 data).
6. As of spring 2008 the department had a record number of active research projects exceeding $15M with annual expenditures exceeding $4.5M.

7. Established new major research centers.
8. Achieved national ranking of its graduate program in 2005 (70) and in 2008 (62) by the US News and World Report (one of only three UNR programs nationally ranked in 2008 and one of three in the State of Nevada ranked in 2005).
9. Developed and pursued the implementation of a new strategic plan.
10. Completed comprehensive undergraduate curriculum and graduate program reviews, revised the curriculum and established new procedures for graduate students.
11. Established an advisory board.
12. Collaborated with other departments across campus and the country on the establishment of undergraduate and research collaborations and national consortia.
13. Developed a strategic space plan, which included all necessary space reallocations; the plan was funded and implemented.
14. Developed summer camps and K-12 programs.
15. Fundraised $1.5M for the expansion of the Large Scale Structures Laboratory in 1999.
16. Participated in the College fundraising activities.

3. Society Memberships

1. Associate Member of the American Society of Civil Engineers (ASCE).
2. Member of ASCE, Reno Chapter.
3. Member of the Earthquake Engineering Research Institute (EERI).
4. Member of the American Railway Engineering Association (AREA).
5. Member of National Technical Chamber of Greece.
6. Registered Professional Engineer in Greece.

4. National Committee Memberships

1. Member of the American Society of Civil Engineering (ASCE) Technical Committee of the Engineering Mechanics Division on the Dynamics of Structures (until April 1995).
2. Member of the ASCE Technical Committee on the Methods of Analysis (until April 1994).
3. Member of American Railway Engineering Association (AREA) Committee 9 on the Seismic Response of Railway Bridges.
4. Member and secretary of the Transportation Research Board (TRB) Task Force A2C52on Seismic Design of Bridges (1994-1998).
5. Chair of TRB Task Force A2C52 on Seismic Design of Bridges (1998-2000).
6. Founding Chair of TRB Committee A2C08 on Seismic Design of Bridges (2000- 2006).
7. Member of Multidisciplinary Center for Earthquake Engineering (MCEER) Research Committee (1996-2001).
8. Member of the MCEER Principal Investigators team (1996-2006).
9. Member of the Board of Directors of the “Seismic Performance Nonstructural Elements (SPONSE)”, an international organization.

5. National Service Assignments

1. Reviewer of ASCE publications for the *Journal of Structural Engineering.*
2. Reviewer of ASCE publication for the *Journal of the Engineering Mechanics.*
3. Reviewer of ASCE Publication for the *Journal of Bridge Engineering.*
4. Reviewer for the *Journal of Earthquake Engineering and Structural Dynamics.*
5. Reviewer of the *Bulletin of the Seismological Society of America.*
6. Reviewer for TRB Journals.
7. Reviewer for *Earthquake Spectra.*
8. Reviewer for *Structural Engineering and Mechanics.*
9. Reviewer of proposals for the National Science Foundation.
10. Invited review panelist by the National Science Foundation.
11. Organizer of the session on the "Performance of Highway Bridges during Earthquakes" for the 1989 Structures Congress.
12. Organizer of the Session on the "Effects of the 1987 Whittier Earthquake on the Response of Buildings" for the 1990 ASCE Structures Congress.
13. Organizer of the Session on the "Effects of the 1987 Whittier Earthquake on the Infrastructure" for the 1990 ASCE Structures Congress.
14. Consultant for the Organization of the 6th U.S.-Japan Workshop on Bridge Engineering, May 1990, Lake Tahoe, Nevada.
15. Organizer of the session on "Bridge Response to Wind, Earthquake and Vehicle Loadings," in the 1992 EMD Specialty Conference on the Dynamics of Structures.
16. Organizer of the technical session in the 1992 TRB subcommittee on the Dynamic Response of Bridges.

17. Organizer of the technical session in the 1993 TRB subcommittee on the Dynamic Response of Bridges.
18. Organizer of the technical session in the 1994 TRB subcommittee on the Dynamic Response of Bridges.
19. Organizer of the technical session in the 1995 TRB task force on the Dynamic Response of Bridges.
20. Organizer of the session on Bridge Engineering in the 1995 ASCE Specialty Conference (May1995, Colorado).
21. Co-Organizer of the NSF Grantees Workshop, Lake Tahoe, Nevada, 1995.
22. Member of the steering committee of the TRB 5th International Bridge Engineering Conference.
23. Co-Organizer of the annual US-Japan Bridge Engineering workshop for the US side (1991-1994).
24. Organizer or co-organizer of the U.S. – Japan Bridge Engineering Workshops (1995-2004).
25. Organizer of sessions in the 2011 Structures Congress (Las Vegas, April 2011).
26. Organizer of sessions in the 2012 Structures Congress (Chicago, April 2012).
27. Organizer of sessions in the 2013 Structures Congress (Pittsburgh, April 2013).

6. International Workshop Organization

1. Consultant for the organization of the 6th U.S.-Japan Workshop on Bridge Engineering, Lake Tahoe, Nevada, May 1990.
2. Co-organizer for the U.S. side along with Dr. B. Douglas for the 7th, 8th, and 9th U.S.-Japan Workshops on Bridge Engineering.
3. Organizer for the U.S. side of the 10th U.S.-Japan Workshop on Bridge Engineering.
4. Organizer with Dr. Sanders for the U.S. side for the 11-17 U.S. – Japan Workshops on Bridge Engineering.

7. Regional Service Assignments

1. 1989-90 Director at Large for the Truckee Meadows ASCE Branch
2. 1990-91 Treasurer for the Truckee Meadows ASCE Branch
3. 1991-92 Vice President for the Truckee Meadows ASCE Branch
4. 1992-93 President for the Truckee Meadows ASCE Branch

8. Selected University Committees

1. Member of the Faculty Senate of the University of Nevada, Reno (elected by a general College election process) (1991-1994)
2. Member of the College of Engineering Personnel Committee (1990-1991)
3. Chair of the College of Engineering Personnel Committee (1991-1992, 1992-1993)
4. Member of the Academic and Standards Committee (1987-1991)
5. Member of the Salary and Benefits Committee (1989-1991)
6. Member of the University of Nevada, Reno search committee for the VP for research (2000)
7. Invited member of the UNR Department Chair Task Force (2006-2008)
8. Member of the University of Nevada, Reno search committee for the VP for research (2013)
9. Member of several college and department committees

F. TEACHING EXPERIENCE

1. Courses Taught at the University of Nevada, Reno

1. CE 243 Computational Methods in Civil Engineering
2. CEE 483/683 Structural Analysis II
3. CEE 381 Structural Analysis
4. CEE 731 Advanced Dynamics of Structures
5. CEE 372 Strength of Materials
6. CEE 704 Applied Finite Element Analysis
7. CEE 720 Matrix Methods in Structural Analysis
8. CEE 726 Plates and Shells
9. CEE 471/671 Mathematical Methods in Civil Engineering (current number CEE371)
10. CEE 723 Advanced Reinforced Concrete
11. CEE 724 Applied Elasticity

2. Short Courses

1. Developed and taught a short course on the Finite Element Analysis for Engineering Applications, Reno, October 23, 1987.
2. Developed and taught a short course on the Use of Finite Elements for Dynamic Analysis of Bridges, April 1993 (short course was co-organized with Dr. Saiidi).
3. Developed and taught a short course on the Metrics Training for Engineers (April, May, and August 1995; April and May 1996, in collaboration with the UNR Technology Transfer Center).

4. Organized a short course entitled “Seismic Design of Highway Bridges” and taught sections of it (one-week course taught in April 1996).
5. Short course on the Seismic Design and Retrofit of Highway Bridges (taught the Structural Dynamics part), UC Davis Extension, February 1996.
6. Invited speaker in the EERI Technical seminar on the “Seismic Design and Performance of Nonstructural Elements”; title of Presentation: “NEES Research on Nonstructural Performance”, October 28, 2011 (San Francisco), October 29, 2011 (Seattle), and November 3, 2011 (Los Angeles).

G. RESEARCH EXPERIENCE

1. Research Interests

Earthquake response of highway bridges and buildings with emphasis on short-span skew bridges, field testing of bridges, soil-structure interaction effects on bridges and structures, computer modeling of concrete structures, structural analysis, fatigue analysis of railway bridges, seismic response and design of railway bridges, seismic response of buried and above ground pipelines and shake table testing, seismic response of nonstructural systems and components, interaction between structural and nonstructural elements.

2. Research Grants (First name is the PI of the grant, all others are Co-PIs)

1. E. Maragakis, "Interaction between the Bridge Deck and the Abutments during Earthquakes", 06/85-12/85, U.N.R. Research Advisory Board, $4,860.
2. E. Maragakis, "Development of Analytical Soil Structure Interaction Models", 06/86 - 12/86, U.N.R. Research Advisory Board, $1,000.
3. M. Saiidi and E. Maragakis, "Wind and Ice Loading Maps for SPPC's Service Area in Northern Nevada and Eastern California", 07/87 - 12/87, Sierra Pacific Power Company, $23,398.
4. Jim Brune, E. Maragakis, and Raj Siddharthan, "Use of a Modeling Facility for Studying Seismic Engineering and Seismic Site Effect Problems", 7/1/87 - 6/3/88, EPRI, $50,000.
5. D. Newcomb, E. Maragakis, R. Siddharthan, and G. Norris, "An Improved Three-Layer Pavement Model and Granular Material Characterization", 12/87-12/89, NSF, $60,000.
6. E. Maragakis and B. Douglas, "Nonlinear Interaction between the Bridge Deck and the Abutments during Earthquakes", 12/87-12/90, NSF, $53,347.
7. E. Maragakis and M. Saiidi, "Analysis of the Response of Reinforced Concrete Buildings during the 1987 Whittier Earthquake", 2/88-7/90, NSF, $30,000.
8. Recipient of travel grants to attend the Ninth World Conference on Earthquake Engineering, $1,500. This grant was awarded by NSF and was administered by EERI.
9. M. Saiidi and E. Maragakis, "Evaluation of Highway Bridge System", 2/89-8/91, Nevada Nuclear Waste Project Office, Center for Infrastructure Studies, University of Nevada, Reno, $42,384.
10. A. Ebrahimpour and E. Maragakis, "Evaluation of Railway Bridge System", 2/89-8/91, Nevada Nuclear Waste Project Office, Center for Infrastructure Studies, University of Nevada, Reno, $27,955.
11. E. Maragakis and M. Saiidi, "Evaluation of the Effects of Seismic Retrofitting on the Earthquake Response of Highway Bridges", 3/90-12/93, NSF, NDOT, $78,740.
12. E. Maragakis, "A Study on Fatigue Analysis of Railway Bridges", 3/90-8/91, DOE, Center for Infrastructure Studies, University of Nevada, Reno, $30,495.
13. E. Maragakis and M. Saiidi, "A Study on the Analysis and Application of Bridge Base Isolation Systems", 5/90-8/91, DOE, Center for Infrastructure Studies, University of Nevada, Reno, $19,857.
14. E. Maragakis and M. Saiidi, "A Comprehensive Evaluation of the Performance of Bridge Cable Restrainers during the Loma Prieta Earthquake", 8/90-8/93, CALTRANS, $91,328.
15. B.M. Douglas and E. Maragakis, "7th U.S.-Japan Workshop on Bridge Engineering", 1/91-12/91, NSF, $59,857.
16. G. DePolo, M. Savage, E. Maragakis, and D. Sanders, "Reducing Seismic Risk in Nevada," 7/91-3/93, Nevada Division of Emergency Management, $65,490.
17. E. Maragakis, "Fatigue Analysis of Railroad Bridges", 10/91-10/93, DOE, Center for Infrastructure Studies, University of Nevada, Reno, $108,126.
18. B.M. Douglas and E. Maragakis, "8th U.S.-Japan Workshop on Bridge Engineering," 1/92-12/92, NSF and NIST, $59,726.
19. E. Maragakis, M. Saiidi, and D.H. Sanders, "Nuclear Spent Fuel Transportation Economic Impact Study: Impact on Highway Bridges," 10/92-9/93, DOE, Center for Infrastructure Studies, University of Nevada, Reno, $69,916.
20. R. Siddharthan and E. Maragakis, "Seismic Movements and Stiffnesses of Existing Bridge Abutments", 1/93-12/93, NDOT, $36,901.
21. B. Douglas and E. Maragakis, "9th U.S.-Japan Workshop on Bridge Engineering," 1/93-12/93, NIST and FHWA, $59,660.

22. B. Douglas and E. Maragakis, "Field Testing of Seismically Isolated Bridges in Western New York", 1/93-12/93, NCEER, January 1993-December 1993, 49,800.
23. R. Siddharthan and E. Maragakis, "Abutment Movements and Bridge Design Implications in Strong Earthquakes", 4/93-3/94, NSF, $79,342.
24. M. Saiidi and E. Maragakis, "Seismic Damage Potential Analysis of Bridges in Northern Nevada", 5/93-12/93 NDOT, $40,000.
25. E. Maragakis and B. Douglas, "Field Dynamic Resonance Tests of Railway Bridges", 5/93-7/95, Association of American Railroads (AAR), $178,109.
26. E. Maragakis and B. Douglas, "Full-Scale Field Capacity Tests of a Railway Bridge", 8/93-8/95, Caltrans, $243,160.
27. E. Maragakis and B. Douglas, "Experimental Fatigue Analysis of Double Angle Railway Bridge Connections", 8/94-8/98, NSF, $214,512.
28. B. Douglas and E. Maragakis, "10th U.S.-Japan Bridge Engineering Workshop", 4/94-4/95, NIST, $64,916.
29. M. Saiidi, E. Maragakis, and G. Norris, "In-Situ Stiffness and Damping of Spread Footings and Pile Foundations in Bridges in Northern Nevada", 1/94-12/96, NDOT, $88,511.
30. M. Saiidi and E. Maragakis, "NSF Research Grantees Workshop for Earthquake Hazard Mitigation Programs", 1/95-12/95, NSF, $25,000.
31. R. Siddharthan and E. Maragakis, "Investigation of Performance of Bridge Abutments in 1994 Northridge Earthquake", 10/95-10/96, NSF, $46,788.
32. D. Sanders, M. Saiidi, and E. Maragakis, "Durability of Concrete Tiles and Culverts", 8/94-8/96, DOE-College of Engineering, $75,000.
33. B. Douglas and E. Maragakis, "Field Testing-Seismically Isolated Bridge in Western New York", 10/95-10/96, NCEER, $49,800.
34. E. Maragakis, "11th U.S.-Japan Bridge Engineering Workshop", 4/95-4/96, NIST, $40,720.
35. E. Maragakis, "11th U.S.-Japan Bridge Engineering Workshop", 4/95-4/96, NSF, $28,933.
36. M. Saiidi and E. Maragakis, "An Evaluation and Refinement of Longitudinal Bridge Restrainer Design Method in AASHTO", 1996, NCEER, $49,213.
37. E. Maragakis and B. Douglas, "Development of Nonlinear Models for the Earthquake Response of Railway Bridges", 10/95-10/98, NSF, $220,046.
38. E. Maragakis, M. Saiidi, "Bridge Research and Information Center", 9/96-9/04, NSF, $335,947.
39. E. Maragakis, D. Sanders, "U.S. Japan Bridge Engineering Workshops", 9/96-9/05, NSF, $404,474.
40. E. Maragakis, M. Saiidi, "Shake Table Testing of Hinge Restrainers", 1998-2000, NDOT, 99,978.
41. E. Maragakis, M. Saiidi, "Experimental Studies on the Seismic Response of Hinge Restrainers", 1998-2000, Caltrans, $209,755.
42. A. Itani, E. Maragakis (Joint PI's) "Fatigue Fracture Behavior of Riveted Open Deck Plate Girders", 1996-97, AAR, $107,695.
43. E.Maragakis, R.Siddharthan, "Calibration of Fragility Estimation and Development of Fragility Information, $ 330,000, 1997-2002, MCEER/NSF.
44. E. Maragakis, M. Saiidi, "Networking of Experimental Facilities", 10/98-11/00, MCEER/NSF, $97,000.
45. E. Maragakis, M. Saiidi, and R. Desroches from Georgia Tech, "Experimental Studies on the Seismic Performance of Hinge Restrainers at Intermediate Hinges, Phase II: A pilot Study using Shape Memory Alloy (SMA) Restrainers", 6/02-6/03, Caltrans, $50,000.
46. Buckle, I., Itani, A., Maragakis, E., Saiidi, M., Sanders, D. "Development of a biaxial multiple shake table facility", 09/02-09/06, NSF, $4,398,450.
47. M. Saiidi, E. Maragakis, "Fiber-Reinforced Plastics for Seismic Bridge Restrainers", 8/03-8/05, NCHRP IDEA Program, $97, 685 (including $20, 690 match from NDOT).
48. E. Maragakis, A. Itani "Experimental Data for the seismic performance of piping distribution systems", 12/03-11/04, MCEER/NSF, $78,000.
49. E. Maragakis, S. Elfass, "Networking of Experimental Facilities", 10/03-12/04, MCEER/NSF $26,000.
50. E. Maragakis, "Experimental Facilities Network", 10/05-6/06, MCEER/NSF, $8,000.
51. Maragakis, M. and Itani, A., "Non-Structural Portfolio, 10/05-6/06, MCEER/NSF, $78,000.
52. Maragakis, M. and Itani, A., "Innovative bracing systems for nonstructural piping systems", 10/06-12/07, MCEER/NSF, $79.989.
53. Maragakis, M. and Itani, A., "Innovative bracing systems for nonstructural piping systems: second phase", 3/07-12/07' MCEER/NSF, $37,951.

54. Maragakis, E. "NEESR GC: Simulation of the Seismic Performance of Nonstructural Systems" 9/07-8/12, NSF Grand Challenge project, $ 3.6M (the award process included a reverse site visit with presentation in June 2007). This project requires coordination of the efforts of researchers and practitioners from 23 institutions around the country and the world (other Co-PI's are: A. Filiatrault from University at Buffalo, S. French from Georgia Tech, T. Hutchinson from UC San Diego, B. Reitherman, from CUREE).
55. Maragakis, E. "Supplement to the NEESR GC: Simulation of the Seismic Performance of Nonstructural Systems" to perform experiments of nonstructural systems in collaboration with the NEES TIPS E-Defense Full Scale Seismic Isolation Program", $210K, April 2011.

3. Publications-Presentations

a. Reviewed Refereed Publications (Full paper review)

1. Maragakis, E.A., "Elastic Stiffness of Bridge Columns with Parabolic Flare at the Top and Foundation Springs at the Bottom," *Journal of Structural Engineering*, ASCE, Vol. 112, No. 8, August 1986, pp. 1797-1809.
2. Maragakis, E.A., and Jennings, P.C., "Analytical Models for the Rigid Body Motions of Skew Bridges," *Journal of Earthquake Engineering and Structural Dynamics*, Vol. 15, No. 8, November 1987, pp. 923-944.
3. Maragakis, E.A., and Siddharthan, R. "A Simple Method for the Estimating of the Inelastic Longitudinal Abutment Stiffness, "ASCE, *Journal of Structural Engineering*, Vol. 115, pp. 2382-2398, September 1989.
4. Maragakis, E.A., Thornton, G., Saiidi, M., Siddharthan, R., "A Simple Nonlinear Model for the Investigation of the Effects of the Gap Closure at the Abutment Joints of Short Bridges," *Journal of Earthquake Engineering and Structural Dynamics*, Vol. 18, pp. 1163-1178, November 1989.
5. Siddharthan, R. and Maragakis, E.A., "Performance of Flexible Retaining Walls Supporting Dry Cohesionless Soils to Cyclic Loads," *International Journal for Numerical and Analytical Methods in Geomechanics*, Vol. 13, pp. 309-326, 1989.
6. Douglas, B.M., Maragakis, E.A., "Evaluation of Static Deformations From Quick-Release Dynamic Experiments" *Journal of Structural Engineering*, ASCE, Vol. 116, No. 8, pp. 2201-2213, August 1990.
7. Ebrahimpour, A., Maragakis, E.A., O'Connor, D.N., "A Modified computer Code for Rating Truss Railroad Bridges," *Journal of Computing in Civil Engineering*, ASCE, Vol. 4, No. 4, pp. 313-326, October 1990.
8. Douglas, B.M., Maragakis, E.A. and Nath, B., "On Integration of Quick-Release Accelerograms to Displacements," accepted for publication in the *Bulletin of the New Zealand Society of Earthquake Engineering*, Vol. 23, No. 4, December 1990, pp. 239-253.
9. Maragakis, E.A., Douglas, B., Vrontinos, S., "Classical Formulation of the Impact Between the Bridge Deck and the Abutments During Strong Earthquakes," *Proceedings of the 6th Canadian Conference on Earthquake Engineering*, Toronto, Ontario, June 1991.
10. Saiidi, M., Maragakis, E., and Jiang, Y., "An Approach to Evaluate the Sufficiency of Highway Bridges for Nuclear Spent Fuel Transportation," *Proceedings for the International High-Level Radioactive Management Conference*, Las Vegas, 1991.
11. Douglas, B.M., Blakely, M.D., Saiidi, M., and Maragakis, E.A., "The New Bridge Testing Laboratory at the University of Nevada, Reno," *Concrete International*, pp. 61-63, December 1992.
12. Maragakis, E.A., Saiidi, M., and Abdel-Ghaffar, S.M., "Response of R/C Buildings During the 1987 Whittier Narrows Earthquake," *Earthquake Spectra*, Vol. 9, No. 1, 1993, pp. 67-95.
13. Ebrahimpour, A., Maragakis, E.A., and Ismaïl, S., "Probabilistic Fatigue Evaluation of Railway Bridges," *International Journal of Structural Engineering Review*, Vol. 5, No. 1, 1993, pp. 23-30.
14. Saiidi, M., Maragakis, E., and Feng, S., "Parameters in Bridge Restrainer Design for Seismic Retrofit," submitted to the ASCE *Journal of Structural Engineering*, January 1993.
15. Maragakis, E., Douglas, B., and Abdel-Ghaffar, S., "An Equivalent Linear Finite Element Approach for the Estimation of Pile Foundation Stiffnesses," *Journal of Earthquake Engineering and Structural Dynamics*, Vol. 23, October 1994, pp. 1115-1124.
16. Siddharthan, R., El-Gamal, M., and Maragakis, E., "Investigation of Performance of Bridge Abutments in Seismic Regions," ASCE *Journal of Structural Engineering*, Vol. 120(4), April 1994, pp. 1327-1346.
17. Maragakis, E.A., and Sanders, D.H., "Fatigue Reliability Analysis Program for Railroad Steel Riveted Bridges," *AREA Bulletin*, Vol. 17, No. 8, August 1995, pp. 65-70.
18. Saiidi, M., and Maragakis, E.A., "Seismic Performance of the Madrone Bridge During the 1989 Loma Prieta Earthquake," *Structural Engineering Review*, Vol. 7, No. 3, 1995, pp. 219-230.
19. Saiidi, M., and Maragakis, E., "Effectiveness of Hinge Restrainers as a Seismic Retrofit Measure," *Transportation Research Board*, Fourth International Conference on Bridge Engineering, Vol. 2, August 1995, pp. 71-78.
20. Saiidi, M., Maragakis, E.A., and Feng, S., "Parameters in Bridge Restrainer Design for Seismic Retrofit," ASCE *Journal of Structural Engineering*, Vol. 122, No. 1, January 1996, pp. 61-68.

21. Abdel-Ghaffar, S., Maragakis, E., Saiidi, M., "Effects of the Hinge Restrainers on the Response of the Aptos Creek Bridge during the 1989 Loma Prieta Earthquake", *Earthquake Spectra*, Vol. 13, No. 2, May 1997, pp. 167-189.
22. Siddharthan, R., El-Gamal, M., Maragakis, E., "Stiffnesses of Abutments on Spread Footing with Cohesionless Backfill", *Canadian Geotechnical Journal*, Vol.11. Nov. 1997, pp. 228-242.
23. Saiidi, M., Maragakis, E., Sanders, D., "Evaluation and Seismic Retrofit of Highway Bridge Structures with Tapered columns", *Journal of Construction and Building Materials*, Vol.12, No. 2-3, March-April 1998, pp. 161-174.
24. Maragakis, M., Douglas, B., Chen, Q., Sandirasegaram, U., "Full-Scale Tests of a Railway Bridge", *Transportation Research Record No. 1624*, Paper No. 98-0037, September 1998, pp140-147.
25. Saiidi, M., Maragakis, E., and Griffin, G., "Effect of Base Isolation on the Seismic Response of Multi-column Bridges", *International Journal of Structural Engineering and Mechanics*, Vol.8, No.4, October 1999, pp. 411-420.
26. Abouelmaaty, W., Maragakis, E., Itani, A., and Douglas, B., "Fatigue Testing of Double Angle Connections of Steel Railroad Bridges", *Transportation Research Board Record No. 1688*, pp.46-52, November 1999.
27. Maragakis, E., Douglas, B., Chen, Q., "Full-Scale Field Failure Tests of a Railway Bridge", *Journal of Bridge Engineering*, ASCE, September/October 2001, pp. 356-362.
28. Vlassis, A., Maragakis, M., Saiidi, M., "An Update on Analytical and Experimental Research on Bridge Restrainers", *Transportation Research Records No. 1770*, pp.132-138, 2001.
29. Saiidi, M., Randall, M., Maragakis, E., Isakovic, T., "Seismic Restrainer Design Methods for Simply Supported Bridges", *Journal of Bridge Engineering, ASCE*, September/October 2001, pp. 307-315.
30. Meis, R., Maragakis, M., Siddharthan, R., "Static Axial Behavior of Some Typical Restrained and Unrestrained Pipe Joints", *Journal of Testing and Evaluation*, Vol. 29(5), September 2001, pp. 485-491.
31. Chen, Q., Douglas, B.M., Maragakis, E.A., Buckle, I.G., "Extraction of Hysteretic Properties of Seismically Isolated Bridges from Quick-Release Field Tests", *Journal of Earthquake Engineering and Structural Dynamics*, Vol. 31, February 2002, pp. 333-351.
32. Vlassis, A., Maragakis, M., Saiidi, M., "Experimental Evaluation of Longitudinal Seismic Performance of Bridge Restrainers at In-Span Hinges", *Journal of Testing and Evaluation*, March 2004.
33. Meis, R., M. Maragakis, and R. Siddharthan, 2005. "Dynamic Axial Stiffness of Typical Restrained and Unrestrained Underground Pipelines" *Journal of Testing and Evaluation*, Vol. 33(6), November, 2005.
34. Saiidi, M., R. Johnson, and E. Maragakis, "An Exploratory Study of FRP Seismic Restrainers Subjected to Dynamic Loads," *ACI Special Publication Series, Proceedings, 7th International Symposium on Fiber Reinforced Polymer Reinforcement for Reinforced Concrete Struc*tures, Kansas City, Missouri, November 2005.
35. Saiidi, M., Johnson, R., Maragakis, E. A., "Development, Shake Table Testing, and Design of FRP Seismic Restrainers", *Journal of Bridge Engineering, ASCE*, Vol.11(4), 499-506, 2006.
36. Johnson, R., Padgett, A., Maragakis, E., DesRoches, R., Saiidi, M., "Large scale testing of nitinol shape memory alloy devices for retrofit of bridges" *Journal of Smart Materials and Structures*, Vol. 17(3), pp.10, April 2008.
37. Zaghi, A. E., Maragakis, E. M., Itani, A., and Goodwin, E. (2010) "Experimental and Analytical Studies of Hospital Piping Subassemblies Subjected to Seismic Loading," *Earthquake Spectra*, EERI, February 2012.
38. Zaghi, A. E., Soroushian, S., Itani, A., Maragakis, E. M., and Pekcan, G., (2012) "Effect of Column-to-Beam Strength Ratio on the Seismic Response of Steel Moment Resisting Frames," *International Journal of Steel Structures*.
39. Weiser, J., Pekcan, G., Zaghi, E., Itani, A., Maragakis, M., (2013) "Floor Acceleration in Yielding SMRF Structures", *Earthquake Spectra*, 29(3), pp.987-1002.
40. Soroushian, **S.,** Zaghi, A. E., Maragakis, E. M., Echevarria, A., Tian, Y., Filiatrault, A., (2013) "Analytical Seismic Fragility Analyses of Fire Sprinkler Piping Systems with Threaded Joint," Earthquake Spectra, EERI, Extended Paper, http://dx.doi.org/10.1193/083112EQS277M
41. Zaghi, A. E., Soroushian**, S.,** Itani, A., Maragakis, E. M., Pekcan, G., and Kashani, M., (2014) "Impact of Column-to-Beam Strength Ratio on the Seismic Response of Steel MRFs," Bulletin of Earthquake Engineering, Available Online. DOI: 10.1007/s10518-014-9634-9.
42. Soroushian, **S.,** Zaghi, A. E., Maragakis, E. M., Echevarria, A., Tian, Y., Filiatrault, A., (2014) "Seismic Fragility Study of Fire Sprinkler Piping Systems with Grooved Fit Joints," , Journal of Structural Engineering, ASCE, Available Online. DOI 10.1061/(ASCE)ST.1943-541X.0001122
43. Soroushian, S.**,** Zaghi, A. E., Maragakis, E. M., Echevarria, A. (2014) "Seismic Fragility Study of Displacement Demand on Fire Sprinkler Piping Systems," Journal of Earthquake Engineering, Vol.18 (7), pp.1129-1150, Published Online. DOI;10.1080/13632469.2014.917059.
44. Zaghi, A. E., Soroushian, S., Itani, A., Maragakis, E. M., Pekcan, G., and Kashani, M., (2015) "Impact of Column-to-Beam Strength Ratio on the Seismic Response of Steel MRFs," Bulletin of Earthquake Engineering, Volume 13, Issue 2, pp 635-652. DOI:10.1007/s10518-014-9634-9.

45. Soroushian, S., Maragakis, M., and Jenkins, C., (2014) "Axial Capacity Evaluation of Typical Suspended Ceiling Joints," Earthquake Spectra, EERI, Available Online. DOI;http://dx.doi.org/10.1193/123113EQS301M
46. Soroushian, S., Maragakis, M., and Jenkins, C., (2015) "Capacity Evaluation of Suspended Ceiling Components, Part 1: Experimental Studies", Journal of Earthquake Engineering, Published Online. DOI;10.1080/13632469.2014.998354
47. Soroushian**, S.,** Maragakis, M., and Jenkins, C., (2015) "Capacity Evaluation of Suspended Ceiling Components, Part 2: Analytical Studies", Journal of Earthquake Engineering, Published Online. DOI:10.1080/13632469.2015.1006345.
48. Soroushian, S., Rahmanishamsi, E., Ryu, K. P., Maragakis, E. M., Reinhorn, A.M., (2015) "Experimental Fragility Analysis of Suspension Ceiling Systems", Earthquake Spectra, EERI, Published Online. DOI: http://dx.doi.org/10.1193/071514EQS109M
49. Ryan, K., Soroushian, S., Maragakis, M., Sato, E., Sasaki, T., Okazaki, T., (2015) "Seismic Simulation of Integrated Nonstructural Systems at E-Defense, Part 1: Influence of 3D Structural Response and Base Isolation," Journal of Structural Engineering, ASCE, *In Press, Published Online. DOI:10.1061/(ASCE)ST.1943-541X.0001384.*
50. Soroushian, S., Maragakis, M., Ryan, K., Sato, E., Sasaki, T., Okazaki, T., and Mosqueda, G., (2015) "Seismic Simulation of Integrated Nonstructural Systems at E-Defense, Part 2: Evaluation of Nonstructural Damage and Fragilities," Journal of Structural Engineering, ASCE, *Journal of Structural Engineering, ASCE, In Press, Published Online. DOI:10.1061/(ASCE)ST.1943-541X.0001385.*
51. Rahmanishamsi, E., Soroushian, S., and Maragakis, M., (2015) "Capacity Evaluation of Typical Gypsum-Stud Screw Connections", Earthquake Spectra, EERI, *In Press, Published Online.* DOI: 10.1080/13632469.2015.1109567.
52. Soroushian, S., Maragakis, E. M., Zaghi, A. E., Rahmanishamsi, E., Itani, M., Pekcan, G., (2015) "Response of a 2-Story Test-Bed Structure for the Seismic Evaluation of Nonstructural Systems", Earthquake Engineering and Engineering Vibration, *Accepte*d.
53. Soroushian, S., Maragakis, E. M., Zaghi, A. E., Ansari, A., (2015) "Estimation of Structural Floor Vertical Displacement Using a Wavelet De-Noising Method", Earthquake Engineering and Structural Dynamic, *In Press, Published Online. DOI: 10.1080/13632469.2015.1109567.*
54. Rahmanishamsi, E., Soroushian, S., and Maragakis, M., (2015) "Capacity Evaluation of Typical Stud-Track Screw Connections", Journal of Earthquake Engineering, *In Press, Published Online.* DOI: 10.1080/13632469.2015.1109567.
55. Soroushian, S., Rahmanishamsi, E., Maragakis, E. M., (2015) "A State of the Art Review on the Analytical Simulation of Ceiling, Piping, and Partitions", Bulletin of the New Zealand Society for Earthquake Engineering, *Accepted – In Press*
56. Rahmanishamsi, E., Soroushian, S., Maragakis, E. M., (2016) "Analytical model for the in-plane seismic performance of cold-formed steel-framed gypsum partition walls", Earthquake Engineering and Structural Dynamics, Vol.45, pp. 619–634. DOI: 10.1002/eqe.2676.
57. Rahmanishamsi, E., Soroushian, S., Maragakis, E. M., (2016) "Evaluation of Out-of-Plane Behavior of Stud-to-Track Connections in Nonstructural Partition Walls", Thin-Walled Structures Journal, Vol.103, pp. 211–225. DOI: 10.1016/j.tws.2016.02.018.
58. Jenkins, C., Soroushian, S., Rahmanishamsi, E., Maragakis, E. M., (2016) "Experimental Fragility Analysis of Cold-Formed Steel-Framed Partition Wall Systems", Thin-Walled Structures Journal, Vol.103, pp. 115–127. DOI: 10.1016/j.tws.2016.02.015.
59. Rahmanishamsi, E., Soroushian, S., Maragakis, E. M., (2016) "Capacity Evaluation of Typical Track-to-Concrete Power-Actuated Fastener Connections in Nonstructural Walls", ASCE Journal of Structural Engineering, *In Press, Published Online.* DOI: 10.1061/(ASCE)ST.1943-541X.0001472.
60. Rahmanishamsi, E., Soroushian, S., and Maragakis, M., (2016) "Cyclic Shear Behavior of Gypsum Board-to-Steel Stud Screw Connections in Nonstructural Wall", Earthquake Spectra, Vol. 32, No. 1, pp. 415-439. DOI: 10.1193/062714EQS091M
61. Jenkins, C., Soroushian, S., Rahmanishamsi, E., Maragakis, E. M., (2016) "Experimental Fragility Analysis of Pressurized Fire Sprinkler Piping Systems", Journal of Earthquake Engineering, *Accepted*
62. Zaghi, A. E., Soroushian, S., Echevarria, A., and Maragakis, M., (2016) "Development and Validation of a Numerical Model for Suspended Ceiling Systems with Acoustic Tiles", Bulletin of Earthquake Engineering, *Accepted.*
63. Jenkins, C., Soroushian, S., Rahmanishamsi, E., Maragakis, E. M., (20xx) "Fragility Analysis of Suspended Ceiling Systems in a Full-Scale Experiment", Journal of Structural Engineering, ASCE, *Under Review*.
64. Rahmanishamsi, E., Soroushian, S., Maragakis, E. M., Shirazi, R. S., (201) "Analytical Model to Capture the In-Plane and Out-of-Plane Seismic Behavior of Partition Walls with Returns, Journal of Structural Engineering, ASCE,
65. Zaghi, A. E., Soroushian, S., Echevarria, A., Maragakis, M., and Bagtzoglou,A. (2017) "Development and Validation of a Numerical Model for Suspended Ceiling Systems with Acoustic Tiles", ASCE Journal of Architectural Engineering.
66. Soroushian, S., Rahmanishamsi, E., Jenkins, C., Maragakis, E. M., (2019) "Fragility Analysis of Suspended Ceiling Systems in a Full-Scale Experiment", Journal of Structural Engineering, ASCE, 145 (4), 04019005.

67. Javid H.S., Soroushian, S., Rahmanishamsi, E., Maragakis, E. M., (20xx) "Methodology for the Development of Analytical Seismic Fragility for Full Connection Steel Framed Gypsum Partition Wall", Journal of Earthquake Engineering, Under Review.

b. Fully Peer Reviewed Research Reports

1. Chen, Q., Douglas, B., Maragakis, E., Buckle, I., "Extraction of Non-Linear Hysteretic Properties of Seismically Isolated Bridges from Quick Release Tests", NCEER Report, 1997, State University of New York at Buffalo.
2. Chen, Q., Douglas, B., Maragakis, E., Buckle, I., "Extraction of Nonlinear Hysteretic Properties of Seismically Isolated Bridges from Quick-Release Field Tests", Report MCEER-98-0001, Buffalo, New York, May 1998.
3. Randall, M., Saiidi, M., Maragakis, E., and Isakivic, T., "Restrainer Design Procedures for Multi-Span Simply-Supported Bridges", Report No. CCEER-99-5, April 1999 (Also published as Report 99-0011, MCEER, Buffalo, New York, July 1999).
4. Vlassis, A. G., Maragakis, M., Saiidi, M., "Experimental Evaluation of Seismic Performance of Bridge Restrainers", Report MCEER 00-0012, Buffalo, New York, December 2000.
5. Meis, R., Maragakis, M., Siddharthan, R., "Behavior of Underground Piping Joints Due to Static and Dynamic Loading", Report MCEER 03-0006, Buffalo, New York, January 2004.
6. Goodwin, E., Maragakis, M., Itani, A., "Experimental Evaluation of the Seismic Performance of Hospital Piping Assemblies" Report, MCEER 07-0013, Buffalo, New York, December 2007.
7. Weiser, J., Pekcan, G., Zaghi, A., Itani, A., Maragakis, M., "Assessment of Floor Accelerations in Yielding Buildings", MCEER, 2012.
8. Soroushian, S., Maragakis, E. M., Zaghi, A. E., Echevarria, A., Tian, Y., Filiatrault, A., (2014) "Comprehensive Analytical Seismic Fragility Analyses of Fire Sprinkler Piping Systems with Threaded Joint," Technical Report MCEER, State University of New York at Buffalo, NY, MCEER 14-0002, Published Online http://mceer.buffalo.edu/pdf/report/14-0002.pdf

c. Papers in U.S.-Japan Conferences: participation by invitation only (all the papers were also presented-presenters are shown in parenthesis)

1. Douglas, B., Saiidi, M., Norris, G., and Maragakis, E.A., "Bridge Research at the University of Nevada," author of section C: "The Impact Between the Bridge Deck and the Abutments During Earthquakes," *Proceedings of the 3rd Joint U.S.-Japan Workshop on Bridge Engineering*, April 1987, Tsukuba, Japan (presented by Dr. Douglas).
2. Maragakis, E.A., "Some Aspects of the Interaction Between the Bridge Deck and Abutments During Earthquakes," *Proceedings of the 4th Joint U.S.-Japan Workshop on Bridge Engineering*, May 1988, San Diego, California (presented by Dr. Maragakis).
3. Douglas, B.M., Maragakis, E.A., "New Aspects Regarding the Use of Quick-Release Dynamic Tests for the Experimental Analysis of Bridge Structures" *Proceedings of the 5th Joint U.S. - Japan Workshop on Bridge Engineering*, pp. 124-137, Tsukuba, Japan, May 1989 (presented by Dr. Douglas).
4. Maragakis, E.A., Douglas, B.M. "On the Estimation of Longitudinal Linear and Nonlinear Bridge Abutment Stiffness," *Proceeding of the 5th Joint U.S. - Japan Workshop on Bridge Engineering*, pp. 109-123, Tsukuba, Japan, May 1989 (presented by Dr. Maragakis).
5. Ebrahimpour, A., Maragakis, E.A., O'Connor, D.N., "Safety Evaluation of Steel Truss Railway Bridges," *Proceedings of the 6th U.S.-Japan Joint Workshop on Bridge Engineering*, May 1990, Lake Tahoe, Nevada (presented by Dr. Ebrahimpour).
6. Douglas, B.M., Maragakis, E.A., Vrontinos, S.N., "Preliminary Parameter Identification Studies on Meloland Road Overcrossing," *Proceedings of the 6th U.S.-Japan Joint Workshop on Bridge Engineering*, May 1990, Lake Tahoe, Nevada (presented by Dr. Douglas).
7. Maragakis, E.A., Douglas, B.M., Vrontinos, S.N., "Simple Modeling of the Impact Energy Losses Occurring Between the Bridge Deck and the Abutments," *Proceedings of the 6th U.S.-Japan Joint Workshop on Bridge Engineering*, May 1990, Lake Tahoe, Nevada (presented by Dr. Maragakis).
8. Douglas, B., Blakely, M., Saiidi, M., and Maragakis, E., "Construction of the New Bridge Engineering Laboratory Facility at the University of Nevada, Reno," *Proceedings of the 7th U.S.-Japan Workshop on Bridge Engineering*, Tsukuba, Japan, May 8-9, 1991 (presented by Dr. Douglas).
9. Maragakis, E., Saiidi, M., Douglas, B., Norris, G., Siddharthan, R., and Sanders, D., "Bridge Engineering Research in Progress at the University of Nevada, Reno," *Proceedings of the 7th U.S.-Japan Workshop on Bridge Engineering*, Tsukuba City, Japan, May 8-9, 1991 (presented by Dr. Maragakis).
10. Maragakis, E., Saiidi, M., and Abdel-Ghaffar, S., "Evaluation of the Response of the Whitewater Bridge During the 1986 Palm Springs Earthquake," *8th U.S.-Japan Workshop on Bridge Engineering*, Chicago, Illinois, 1992, pp. 336-350 (presented by Dr. Maragakis).

11. Maragakis, E., Douglas, B., Abdel-Ghaffar, S., "Equivalent Linear Finite Element Modeling of Pile Foundation," *8th U.S.-Japan Workshop on Bridge Engineering*, Chicago, Illinois, 1992, pp. 531-543 (presented by Dr. Douglas).
12. Maragakis, E. and Saiidi, M., "Development and Application of Simple Analytical Models of Lead-Rubber Base Isolated Bridge," *Second U.S.-Japan Workshop on Earthquake Protective Systems for Bridges*, Tsukuba, Japan, December 1992 (presented by Dr. Maragakis).
13. Maragakis, E., Saiidi, M., Feng, S., Abdel-Ghaffar, S., and O'Connor, D., "Evaluation of the Seismic Response of Bridges with Hinge Restrainers," *Proceedings of the 9th U.S.-Japan Workshop on Bridge Engineering*, May 1993, Tsukuba, Japan (presented by Dr. Maragakis).
14. Saiidi, M., Maragakis, E., Sanders, D., and O'Connor, D., "Seismic Retrofit of Bridges in Northern Nevada," *Proceedings of the U.S.-Japan Workshop on Seismic Retrofit of Bridges*, Berkeley, California, January 1994 (presented by Dr. Saiidi).
15. Maragakis, E.A., Douglas, B., and Abdelwahed, E., "Pre-Experimental Dynamic Analysis of a Railroad Bridge," *Proceedings of the 10th U.S.-Japan Bridge Engineering Workshop*, Lake Tahoe, Nevada, May 10-11, 1994 (presented by Dr. Maragakis).
16. Saiidi, M., Maragakis, E., and Sanders, D., "Evaluation and Seismic Retrofit of Highway Bridge Substructures with Tapered Columns," *Proceedings of the 10th U.S.-Japan Bridge Engineering Workshop*, Lake Tahoe, Nevada, May 10-11, 1994 (presented by Dr. Saiidi).
17. Norris, G.M., Siddharthan, R., Maragakis, E., and El-Gamal, M., "Seismic Pile Foundation and Abutment research at the University of Nevada, Reno," *Proceedings of the 10th U.S.-Japan Bridge Engineering Workshop*, Lake Tahoe, Nevada, May 10-11, 1994 (presented by Dr. Norris).
18. Maragakis, E., Douglas, B.M., Sandirasegaram, U., and Abdelwahed, E., "Full scale Field Tests of a Railway Bridge," *Proceedings of the 11th U.S.-Japan Bridge Engineering Workshop*, May 1995 (15 pp.) (presented by Dr. Maragakis).
19. Maragakis, E., Douglas, B.M., Chen, Q., Zelinski, R., "Retrofitting of Railway Bridges", *Proceedings of the 13th U.S.-Japan Bridge Engineering Workshop*, pp.473-476, October 1997 (presented by Dr. Maragakis).
20. Vlassis, A.G., Maragakis, E., Saiid, M., "An Update on Analytical and Experimental Research on Bridge Restrainers", *Proceedings of the 15th U.S.-Japan Bridge Engineering Workshop*, pp.57-71, Tsukuba, Japan, November 1999 (presented by Dr. Maragakis).
21. Vlassis, A., Maragakis, E., Saiidi, M., " Experimental Evaluation of the Seismic Performance of Bridge Restrainers", *Proceedings, 16th U.S. – Japan Bridge Engineering Workshop*, Lake Tahoe, Nevada, October 2000 (presented by Dr. Maragakis).
22. Sanchez, F., Maragakis, E., Saiidi, M., Kartoum, A., "Shake Table Test of Bridge Restrainers at Intermediate Hinges", *Proceedings, 17 th U.S. – Japan Bridge Engineering Workshop*, Tokyo, Japan, November 2001 (presented by Dr. Maragakis).
23. Maragakis, M., "Importance of Nonstructural Elements on the Functionality of Buildings", *Proceedings of the 12th U.S.-Japan Workshop on Improvement of Structural Design and Construction Practices*, September 10-12, 2007, Kauai, Hawaii (presented by Dr. Maragakis).

d. Other Invited Papers (for presented papers presenters are shown in parenthesis)

1. Saiidi, M., Douglas, B., Maragakis, E., Sanders, D., Gordaninejad, F., and Rawat, B., "Recent Bridge Engineering Research at the University of Nevada, Reno," *Proceedings of the US-Slovak Conference on Bridge Engineering*, Bratislava, Slovak Republic, June 1994, pp. 183-192 (presented by Dr. Saiidi).
2. Saiidi, M., Douglas, B., Maragakis, E., Sanders, D., Gordaninejad, F., and Rawat, B., "Recent Bridge Engineering Research at the University of Nevada, Reno," International Bridge Conference, Warsaw, Poland, June 1994, pp. 105-114 (presented by Dr. Saiidi).
3. Maragakis, E., Douglas, B.M., Abdelwahed, E., and Sandirasegaram, U., "Full Scale Field Tests for the Seismic Evaluation of a Railway Bridge," *Proceedings of the Sixth International Conference on Structural Faults and Repair*, Vol. 1, July 1995, pp. 373-382 (presented by Dr. Maragakis).
4. Maragakis, E., Itani, A., Douglas, B., Abouelmaaty, W., and Jones, J., "Fatigue Performance Evaluation of Double-Angle Railway Connections: A Progress Report," *Proceedings of the U.S.-Europe Workshop*, Barcelona, Spain, July 1996 (presented by Dr. Maragakis).
5. Jones, J., Abouelmaaty, W., Maragakis, E., Douglas, B., Itani, A., "Theoretical and Experimental Fatigue Evaluation of Riveted Double Angle Shear Connection in an Open-Deck Through- Plate Girder Railway Bridge", *Recent Advances in Bridge Engineering*, pp. 17-24, Zurich, July 1997. (presented by Dr. Maragakis)
6. Maragakis, M., Siddharthan, R., Meis, R., "Static Axial Behavior of Some Typical Restrained and Unrestrained Pipe Joints", *Proceedings of the MEDAT-2 Workshop, Technical Report MCEER-01-0002*, July 23, 2001, pp.229-236. (Presented by Dr. Maragakis)

7. Maragakis, E., Sanchez, F., Saiidi, M., Kartoum, A., El-Azaazy, S., "Experimental Response of Bridge Hinges Retrofitted with Cable Restrainers", *Proceedings Supplement, Eurodyn 2002 Conference*, Munich, Germany, September 2002 (presented by Dr. Maragakis).
8. Maragakis, E., M. Saiidi, R. Johnson, R. DesRoches, and J. Padgett, "Experimental Evaluation of Seismic Performance of SMA Bridge Restrainers," *Proceedings, Second International Conference on Urban Earthquake Engineering*, Tokyo, Japan, March 2005 (keynote presentation, presented by Dr. Maragakis).
9. Maragakis, E., Corbin, R., Itani, A., Goodwin E., "Experimental Evaluation of the Seismic Performance of Hospital Piping Subassemblies", *Proceedings of the 2007 SEI Structural Congress*, Long Beach, CA, May 2007 (abstract only, presented by Dr. Maragakis).
10. Maragakis, E., "A Review of the Seismic Performance of the Ceiling-Piping-Partition Nonstructural Systems", *Proceedings, Fifth International Conference on Urban Earthquake Engineering*, Tokyo Institute of Technology, Tokyo, Japan, March 4-5, 2008, pp. 589-594 (presented by Dr. Maragakis).
11. Maragakis, E. M., Zaghi, A. E., Itani, A., Pekcan, G., Soroushian, S. and Wieser, J., "Development of a Large-Scale Test Bed for the Simulation of the Seismic Performance of Nonstructural Systems," *Proceedings, Eighth International Conference on Urban Earthquake Engineering*, Tokyo Institute of Technology, Tokyo, Japan, March 2011 (presented by Dr. Maragakis).
12. Soroushian, S., Maragakis, M., Ryan, K., Zaghi, A. E., Sato, E. , Mosqueda, G., Tedesco, L., and Alvarez, D., "Seismic Response of Nonstructural Systems in NEES TIPS/NEES Nonstructural/NIED Collaborative Tests," 9th International Conference on Urban Earthquake Engineering & 4th Asia conference on earthquake engineering , March 2012, Tokyo Institute of Technology, Tokyo, Japan (presented by Dr. Maragakis).
13. Soroushian, S., Maragakis, E. M., Zaghi, A. E., Echevarria, A., Tian, Y., Filiatrault, A., "Numerical Seismic Fragility of Fire Sprinkler Piping Systems with Threaded Joints, 10th International Conference on Urban Earthquake Engineering, March 2013, Tokyo Institute of Technology, Tokyo, Japan (presented by Dr. Maragakis).
14. Soroushian, S., Maragakis, E. M., Zaghi, A. E., Rahmanishamsi, E., Itani, M., Pekcan, G., "Response of a 2-Story Test-Bed Structure for the Seismic Evaluation of Nonstructural Systems", International Workshop on the Seismic Performance of Non-structural Elements (SPONSE), August 2014, Harbin, China (presented by Dr. Maragakis).
15. Soroushian, S., Maragakis, E. M., "Numerical Simulation of the Performance of Integrated Ceiling-Sprinkler Systems", Structural Engineering Frontier Conference (SEFC), March 2015, Yokohama, Japan (presented by Dr. Maragakis).
16. Soroushian, S., Maragakis, M., Rahmanininashi, E., "Lessons Learned from Recent Experimental and Analytical Studies on the Seismic Performance of US-style Ceiling/Piping/Partition Systems", Third International Workshop on the Seismic Performance of Non-structural Elements (SPONSE), March 2016, Christurch, New Zealand (presented by Dr. Maragakis).
17. Rahmaninashi, E., Soroushian, S., Maragakis, M. "Simulation of the In-Plane and Out0of-Plane Seismic Performance of Nonstructural Partition Walls with Returns", *Proceedings of the Fourth International Symposium on Earthquake Engineering*, Beijing, October 2016 (Keynote Paper) (Presented by Dr. Maragakis, Keynote Presentation)

e. Papers in Conference Proceedings (Abstract or full paper review publications-for presented papers presenters are shown in parenthesis)

1. Maragakis, E. and Jennings, P., "A Model for the Rigid Body Motion of Skew Bridges", SSA Annual Meeting, Austin, 1985 (abstracts only) (presented by Dr. Maragakis).
2. Saiidi, M. and Maragakis, E., "An Evaluation of Equivalent Linear Models for Modal Analysis of Nonlinear Systems Subjected to Earthquakes", *Proceedings of the Fourth International Modal Analysis Conference*, Vol. 1, Los Angeles, February 1986, pp. 137-142 (presented by Dr. Maragakis).
3. Maragakis, E., "A Discrete Model for the Estimation of the Elastic Abutment Stiffness", *Proceedings, Third ASCE Engineering Mechanics Specialty Conference on Dynamic Response of Bridges*, Los Angeles, March 1986, pp.551-558 (presented by Dr. Maragakis).
4. Maragakis, E., and Norris, G., "Some Aspects of Bridge Instrumentation," *Proceedings, Third ASCE Engineering Mechanics Specialty Conference on Dynamic Response of Bridges*, pp. 185-192 (presented by Dr. Maragakis).
5. Maragakis, E., "Parametric Studies on a Simple Model for the Rigid Body Rotation of Skew Bridges," *Proceedings of the Third U.S. National Conference on Earthquake Engineering*, Vol. III, Charleston, South Carolina, August 1986, pp. 2237-2247 (presented by Dr. Maragakis).
6. Maragakis, E., "Construction of Equivalent Modal Simple Degree of Freedom Oscillators for the Analysis of Continuous Systems," *Proceedings of the Fifth International Modal Analysis Conference*, February 1987.
7. Maragakis, E. and Thornton, G., "Evaluation of the Effects of Soil-Structure Interaction on Simple Models with Continuous Properties," ASCE Engineering Mechanics Division Specialty Conference, May 1987 (abstracts only) (presented by Dr. Maragakis).

8. Siddharthan, R. and Maragakis, E., "Seismic Performance of Flexible Retaining Walls Supporting Dry Cohesionless Soils," *Structures and Stochastic Methods (3rd International Conference on Soil Dynamics and Earthquake Engineering)* edited by A.S. Cakmak, July 1987, pp. 151- 166 (presented by Dr. Siddharthan).
9. Maragakis, E., Siddharthan, R., and Thornton, G., "Application of a Simple Model for the Investigation of the Impact Between the Bridge Deck and the Abutments on the Seismic Response of Short Bridges," *Proceedings of the Pacific Conference on Earthquake Engineering*, August 1987, Vol. 2, pp. 257-267 (presented by Dr. Maragakis).
10. Maragakis, E., Siddharthan, R., and Thornton, G., "Nonlinear Interaction Models for the Evaluation of the Response of Bridge Structures," *Proceedings of the Ninth World Conference on Earthquake Engineering*, Vol. VI, pp. 459-464, August 1988, Tokyo, Japan (presented by Dr. Maragakis).
11. Douglas, B. and Maragakis, E., "Aspects of Bridge Research at the University of Nevada Reno," *Proceedings of the Symposium for Bridge Research in Progress*, pp. 273-276, Iowa, 1988 (presented by Dr. Douglas).
12. Douglas, B., Maragakis, E. Nath, B. "Integrating Quick-Release Accelerograms to Displacements," 1989 Annual Meeting of the Seismological Society of America, April 19-21, 1989, Victoria B.C. (presented by Dr. Maragakis).
13. Douglas, B., Maragakis, E. and Nath, B., "Reliable Displacements from Integrated Quick-Release Accelerograms from Full-Scale Bridges," *Proceedings of the Sessions Related to Seismic Engineering at Structures Congress '89*, pp. 11-18, San Francisco, California (presented by Dr. Maragakis).
14. Siddharthan, R., Norris, G. and Maragakis, E., "Deformation Response of Rigid Retaining Walls to Seismic Excitation," *Structural Dynamics and Soil-Structure Interaction Proceedings of the 4th International Conference on Soil Dynamics and Earthquake Engineering*, Mexico City, October 1989, pp. 315-330 (presented by Dr. Siddharthan).
15. Maragakis, E., Saiidi, M., Abdel-Ghaffar, S., "On the Response of Reinforced Concrete Buildings to the Whittier Earthquake," *Proceedings of the 1990 ASCE Structures Congress*, May 1-3, 1990, Baltimore (2-page abstracts) (presented by Dr. Maragakis).
16. Douglas, B.M., Maragakis, E., Vrontinos, S., Douglas, B., "Analytical Studies of the Static and Dynamic Response of Meloland Bridge Overcrossing," *Proceedings of the Fourth U.S. National Conference on Earthquake Engineering*, Vol. 1, pp. 987-996, Palm Springs, 1990 (presented by Dr. Douglas).
17. Ebrahimpour, A., Maragakis, E., O'Connor, D.N., "On Fatigue Evaluation of Riveted Connections in Railway Truss Bridges," *Proceedings of the Fourth Rail Bridge Centenary Conference*, England, August 1990.
18. Douglas, B., Maragakis, E., and Vrontinos, S., "Evaluation of Dynamic Test Data from the Meloland Road Overcrossing," *Proceedings of the Second Workshop for Bridge Research in Progress*, Reno, Nevada, October 1990, pp. 269-272 (presented by Dr. Douglas).
19. Ebrahimpour, A., Maragakis, E., and O'Connor, D., "Rating of Steel Railway Bridges," *Proceedings of the Second Workshop for Bridge Research in Progress*, Reno, Nevada, October 1990, pp. 63-66 (presented by Dr. Ebrahimpour).
20. Maragakis, E., Douglas, B., Vrontinos, S., "Analysis of the Effects of the Impact Energy Losses Occurring Between the Bridge Deck and the Abutments," *Proceedings of the Second Workshop for Bridge Research in Progress*, Reno, Nevada, October 1990, pp. 201-204 (presented by Dr. Maragakis).
21. Maragakis, E., Douglas, B., Vrontinos, S., "Soil-Structure Interaction Effects on the Static and Dynamic Response of Meloland Road Overcrossing," *Proceedings of the Second International Conference on Geotechnical Earthquake Engineering and Soil Dynamics*, March 1991, Vol. I, pp. 827-833 (presented by Dr. Siddharthan).
22. Douglas, B., Maragakis, E., and Vrontinos, S., "Parameter Identification and Seismic Response Studies of the Meloland Road Overcrossing," *Proceedings of Pacific Conference on Earthquake Engineering*, New Zealand, November 18-23, 1991 (presented by Dr. Douglas).
23. Maragakis, E., and Saiidi, M., "Evaluation of Seismic Response of Bridges with Hinge Restrainers," *Proceedings of the First Annual Seismic Research Workshop*, Caltrans, Sacramento, California, December 1991, pp. 77-86 (presented by Drs. Maragakis and Saiidi).
24. Saiidi, M., Maragakis, E., and Feng, S., "Linear Analysis of R/C Buildings for the Whittier Earthquake," *Proceedings of the 10th World Conference on Earthquake Engineering*, Spain, 1992.
25. Saiidi, M., Maragakis, E., Abdel-Ghaffar, S., and O'Connor, D., "Effect of Hinge Restrainers on the Response of Highway Bridges During the Loma Prieta Earthquake," *Proceedings of the Third NSF Workshop on Bridge Engineering Research in Progress*, San Diego, 1992, pp. 171-173 (presented by Mr. Abdel-Ghaffar).
26. Maragakis, E., Douglas, B., Vrontinos, S., and Abdel-Ghaffar, S., "Experimental and Analytical Soil-Structure Interaction Studies of Meloland Road Overcrossing," *Proceedings of the 1992 ASCE Structures Congress*, San Antonio, Texas (presented by Mr. Vrontinos).
27. Saiidi, M., Maragakis, E., and Ghusn, G., "Pier Ductility Demand in 3-D Response of Base-Isolated Bridges," *Proceedings of the 1992 ASCE Structures Congress*, San Antonio, Texas (presented by Dr. Siddharthan).
28. Maragakis, E., Saiidi, M., and Hwang, Eui-Seng, "Analytical Studies on the Seismic Response of Base Isolated Bridges," *Proceedings of the Ninth Conference of Engineering Mechanics*, ASCE, pp. 67-70.

29. Ebrahimpour, A., Maragakis, E., and Ismaïl, S., "A Fatigue Reliability Model for Railway Bridges," *Proceedings of the Sixth Specialty Conference on Probabilistic Mechanics and Structural and Geotechnical Reliability*, ASCE, pp. 320-323.
30. Maragakis, E., and Saiidi, M., "Effects of Hinge Restrainers on the Seismic Response of Bridges," *Proceedings of the Second Annual Seismic Research Workshop*, Caltrans, Sacramento, California, March 1993 (presented by Drs. Maragakis and Saiidi).
31. Abdel-Ghaffar, S., Maragakis, E., and Saiidi, M., "Evaluation of Highway Bridges with Hinge Restrainers," *Proceedings of the Third Annual Seismic Research Workshop*, CALTRANS, Sacramento, California, June 1994, 10 pp.
32. Saiidi, M., Maragakis, E., and Feng, S., "Field Performance and design Issue for Bridge Hinge Restrainers," *Proceedings of the Fifth US National Conference on Earthquake Engineering*, Chicago, Illinois, July 1994, pp. 1-439-448.
33. Saiidi, M., Maragakis, E., and Griffin, G., "Analytical Studies of the Response of Multi-Column Base Isolated Bridges," *Proceedings of the ASCE Engineering Mechanics Conference*, Denver, Colorado, May 1995.
34. Siddharthan, R., El-Gamal, M., and Maragakis, E., "Influence of Free-Field Strains on Nonlinear Lateral Abutment Stiffnesses," *7th Canadian Conference on Earthquake Engineering*, Montreal, Quebec, Canada, 1995, pp. 739-746.
35. Maragakis, E., Douglas, B., Chen, Q., and Sandirasegaram, U., "Ultimate Load Tests of a Railway Bridge," *Proceedings of the Fifth Annual Seismic Research Workshop*, CALTRANS, Sacramento, California, July 1996, 10 pp.
36. Saiidi, M., Maragakis, E., Griffin, G., "Analytical Studies of the Response of Multi-Column Base Isolated Bridges", *Proceedings of the ASCE Engineering Mechanics Conference*, Denver, Colorado, May 1995.
37. Siddharthan, R., El-Gamal, M., Maragakis, E., "Influence of Free-Field Strains on Nonlinear Lateral Abutment Stiffnesses", *7th Canadian Conference on Earthquake Engineering*, Montreal, 1995, pp. 739-746.
38. Maragakis, E., Douglas, B., Chen, Q., Sandiresegaram, U., "Ultimate Load Tests of a Railway Bridge", *Proceedings of the Fourth Caltrans Seismic Research Workshop*", Sacramento, California, July 1996, 10pp.
39. Saiidi, M., Maragakis, E., "Bridge Engineering Research and Information Center (BRIC) at the University of Nevada, Reno", *Proceedings, Invitational Workshop on Distributed Information*, Computation and Process Management for Scientific and Engineering Environments, Washington, D.C., May 1998.
40. Siddharthan, R.V., El-Gamal, M., Maragakis, E., "On the Selection of Abutment Stiffnesses in Analytical Seismic Design and retrofit Procedures", *Proceedings, Structural Engineering Congress*, Elsevier Publications, Paper No. T143-2, July 1998.
41. Saiidi, M., Maragakis, E., Sanders, D., Norris, G., Douglas, B., "Earthquake - Resistant Bridges- From Foundation to Superstructure", *Third International Conference on Seismology and Earthquake Engineering*, Teheran, Iran, May 1999. (Presented by Dr. Saiidi)
42. Maragakis, E., Siddharthan, R., Meis, R., "Axial Behavior Characteristics of Pipe Joints Under Static Loading", *Research Progress and Accomplishments*, MCEER, July 1999, pp.55-60.
43. Saiidi, M., Sanders, D., Itani, A., Maragakis, E., "Aspects of Seismic Evaluation, Design, and Retrofit of Bridges - An Overview", Fifth Conference on Railway Transportation, Teheran, Iran, February 2000. (Presented by Dr. Saiidi)
44. Shinozuka, M., Grigoriu, M., Ingraffea, A., Billington, S., Feenstra, P., Soong, T., Reinhorn, A., Maragakis, E., "Development of Fragility Information for Structures and Nonstructural Components", *Research Progress and Accomplishments, MCEER*, May 2000, pp. 15-32.
45. Sanchez, F., Maragakis, E., Saiidi, M., "Seismic Performance of Bridge Restrainers at intermediate Hinges", *Proceedings, Research in Progress Workshop*, Minneapolis, Minnesota, October 2001, pp. 415-420. (Presented by Mr. Sanchez)
46. Saiidi, M., Sanders, D., Itani, A., Maragakis, E., El-Azaazy, S., "Current and Future Trends in Seismic Retrofit of Bridges", Invited Keynote Paper, *Proceedings, First Conference on Strengthening and Retrofit of Structures*, Teheran, Iran, May 2002 (Presented by Dr. Saiidi).
47. Meis, R., Maragakis, E., Siddharthan, R., "Behavior of Buried Pipe Joints Subjected to Seismic Motions", *Proceedings of the 7th U.S. National Conference on Earthquake Engineering*, Boston, July 2002 (Presented by R. Meis).
48. Goodwin, E., Maragakis, E., Itani, A., "Experimental Evaluation of the Seismic Performance of Hospital Piping Systems", SEAOC 72nd Annual Convention, Squaw Creek, CA, Sept. 18-20, 2003 (presented by E. Goodwin).
49. Maragakis, E., Goodwin, E., Itani, A., "Seismic Behavior of Welded Hospital Piping Systems", ATC29-2, *Proceedings of the Seminar on Seismic Design, Performance, and Retrofit of Nonstructural Components in Critical Facilities*, Newport Beach, CA, October 23-24, 2003, pp 321-334 (presented by Dr. Maragakis).
50. Maragakis, E., Goodwin, E.R., and Itani, A., M., 2005. "Experimental Evaluation of the Seismic Response of Welded and Threaded Hospital Piping Subassemblies", *Proceedings of the Structural Dynamics Eurodyn 2005 Conference*, pp. 1841-1846, Vol.3, September, 2005, Paris, France (presented by Dr. Maragakis).
51. Corbin, R., Goodwin, E., Maragakis, E., Itani, A., 2005. "Experimental Comparison of the Seismic Response of Various Hospital piping Systems", *Proceedings, 2005 Asia-Pacific Network of Centers for Earthquake Engineering Research*, Jeju, Korea, November 11-12, 2005 (presented by R. Corbin).

52. Saiidi, M., E. Maragakis, D. Sanders, J. Anderson, R. Johnson, V. Phan, Z. Cheng, and H. Wang, "Recent Earthquake Engineering Research at UNR- Four Examples: FRP Restrainers, Near-Fault Effects, Column Hinges, and Shape Memory Alloy Columns," Proceedings, 2005 Asia-Pacific Network of Centers for Earthquake Engineering Research, Jeju, Korea, Session V, Paper HR-4, November 11-12, 2005 (presented by Dr. Saiidi).
53. Saiidi, M., Johnson, R., Maragakis, E. A., " Strain Rate Effects on Strength of Unidirectional FRP Fabrics and Bond to Concrete", *Proceedings of the Third International Conference on FRP Composites in Civil Engineering (CICE 2006),* pp.10, Miami, Florida, 2006 (presented by Dr. Saiidi).
54. Maragakis, M., "NEESR GC: Simulation of the Seismic Performance of Nonstructural Systems", *NEES 6th Annual Meeting*, June 18-20, 2008, Portland, Oregon (abstract only) (presented by Dr. Maragakis).
55. Maragakis, E. M., Zaghi, A. E., Itani, A., Pekcan, G., Soroushian, S. and Wieser, J., "Simulation of the Seismic Performance of Nonstructural Systems: Development of a Large Scale Test–Bed Structure," NSF Engineering Research and Innovation Conference, January 2011, Georgia, Atlanta, GA, USA (poster presentation).
56. Zaghi, A. E., Maragakis, E. M., Itani, A., and Goodwin, E. "Experimental and Analytical Studies of Hospital Piping Subassemblies Subjected to Seismic Loading" Structures Congress, ASCE, Apr. 2011, Las Vegas, USA (presented by E. Zaghi).
57. Soroushian, S., Maragakis, E. M., Itani, M., Pekcan, G., Zaghi, A. E. "Design of a Test Bed Structure for Shake Table Simulation of the Seismic Performance of Nonstructural Systems" Structures Congress, ASCE, April 2011, Las Vegas, USA (presented by S. Soroushian).
58. Zaghi, A. E., Soroushian, S., Wieser, J., Maragakis, E. M., Pekcan, G., Itani, M., "Seismic Analysis of Fire Sprinkler Systems," Eighth International Conference on Structural Dynamics EURODYN 2011, Jul 2011, Leuven, Belgium.
59. Soroushian, S., Zaghi, A. E., Ryan, K., Maragakis, M., Mosqueda, G., "Seismic Response of Steel Studded Gypsum Partition Walls in NEES TIPS/NEES Nonstructural/NEID Collaborative Tests on a Full Scale 5-Story Building", *Proceedings of the Structures Congress 2012,* Structures Congress, ASCE, Mar. 2012, Chicago, USA (presented by S. Soroushisn).
60. Soroushian, S., Zaghi, A. E., Ryan, K., Maragakis, M., Alvarez, D., Fleming, R., Tedesco, L., "Seismic Response of Ceiling/Sprinkler Piping Nonstructural Systems in NEES TIPS/NEES Nonstructural/NIED Collaborative Tests on a Full Scale 5-Story Building", *Proceedings of the Structures Congress 2012,* Structures Congress, Mar. 2012, Chicago, IL, ASCE.
61. Ryan, K., Dao, N., Soroushian, S., Sato, E., Maragakis, M., Zaghi, A., Sasaki, T., Mosqueda, G., McMullin, K., Okazaki, T., "Seismic Interaction of Structural System and Nonstructural Components in the NEES TIPS/NEES Nonstructural/NIED Collaborative Tests at E-Defense", *Proceedings of the Structures Congress 2012,* Structures Congress, Mar. 2012, Chicago, IL, ASCE (presented by K. Ryan).
62. Wieser, J., Zaghi, A. E., Maragakis, E. M., Buckle, I., "Seismic Pounding at Abutments of Curved Bridges", *Proceedings of the Structures Congress 2012,* Structures Congress, Mar. 2012, Chicago, IL, ASCE, pp. 613-624 (presented by J. Weiser).
63. Soroushian, S., Ryan, K., Maragakis, M., Sato, E., Sasaki, T., Okazaki, T., Tadesco, L., Mosqueda, G., Alvarez, D., "NEES/E-Defense Tests: Seismic Performance of Ceiling / Partition / Sprinkler Piping Nonstructural Systems in Base Isolated and Fixed Base Building" *Proceedings of the 15th World Conference of Earthquake Engineering*, (15WCEE), Lisbon, Portugal.
64. Weiser, J., Zaghi, A., Maragakis, M., Buckle, I., "Experimental Evaluation of Seismic Pounding at Seat-Type Abutments of Horizontally Curved Bridges", *Proceedings of the 15th World Conference of Earthquake Engineering*, (15WCEE), Lisbon, Portugal.
65. Echevarria, A., Soroushian, S., Zaghi, A. E., Maragakis, M., "Seismic Fragility of Suspended Ceiling Systems", *Proceedings of the 15th World Conference of Earthquake Engineering*, (15WCEE), Lisbon, Portugal.
66. Soroushian, S., Zaghi, A. E., Maragakis, E. M., Echevarria, A., Tian, Y., Filiatrault, A., "Analytical Seismic Fragility Study of Threaded Joint Fire Sprinkler Piping Systems", ASCE/SEI Structures Congress, May 2013, Pittsburg, PA.
67. Soroushian, S., Zaghi, A. E., Maragakis, M., Pekcan, G., Itani, A., and Rahmanishamsi, E., "Development of Shake Table Motions for System-Level Full-Scale Seismic Evaluation of Drift-Sensitive Nonstructural Systems", ASCE/SEI Structures Congress, May 2013, Pittsburg, PA.
68. Rahmanishamsi, E., Soroushian, S., Maragakis, M., Pekcan, G., and Itani, A., "Seismic Response of Metal Stud Partition Walls in NEESR-GC Tests on a Full Scale Two-Story Building", ASCE/SEI Structures Congress, May 2013, Pittsburg, PA.
69. Rahmanishamsi, E., Soroushian, S., Maragakis, M., Itani, A., and Pekcan, G., "Seismic Response of Ceiling and Sprinkler Piping Systems, Sprinkler Piping and Nonstructural Partitions to Earthquake Loading", ASCE/SEI Structures Congress, May 2013, Pittsburg, PA.
70. Soroushian, S.**,** Maragakis, E. M., Jenkins, C., "Analytical Simulation of the Performance of Ceiling-Sprinkler Systems in Shake Table Tests Performed on a Full-Scale 5-Story Building", ASCE/SEI Structures Congress, April 2014, Boston, MA.
71. Rahmanishamsi, E., Soroushian, S., Maragakis, M., "Seismic Response of Ceiling/Piping/Partition Systems in NEESR-GC System-level Experiments", ASCE/SEI Structures Congress, April 2014, Boston, MA.

72. Soroushian, S., Rahmanishamsi, E., Ryu, K. P., Maragakis, E. M., Reinhorn, A.M., "A Comparative Study of Sub-System and System Level Experiments of Suspension Ceiling Systems", Tenth U.S. National Conference on Earthquake Engineering, July 2014, Anchorage.
73. Rahmanishamsi, E., Soroushian, S., Maragakis, M., "System-Level Experiments on Ceiling/Piping/Partition Systems at UNR-NEES Site", Tenth U.S. National Conference on Earthquake Engineering, July 2014, Anchorage, AK.
74. Soroushian, S., Maragakis, E. M., Zaghi, A. E., Echevarria, A., "Seismic Performance of Suspended Ceiling Systems in Base Isolated Buildings", ASCE/SEI Structures Congress, April 2015, Portland, OR.
75. Rahmanishamsi, E., Soroushian, S., Maragakis, E. M., "Analytical Model for the Seismic Performance of Cold-Formed Steel-Framed Gypsum Partition Walls", ASCE/SEI Structures Congress, April 2015, Portland, OR.
76. Jenkins, C., Soroushian, S., Rahmanishamsi, E., Maragakis, E. M., "Experimental Fragility Analysis of Cold-Formed Steel-Framed Partition Wall Systems", ASCE/SEI Structures Congress, April 2015, Portland, OR.
77. Rahmanishamsi, E., Soroushian, S., Maragakis, E. M., "Analytical Model for Seismic Assessment of Nonstructural Partition Walls with Returns", 16th World Conference on Earthquake Engineering (16WCEE), January 2017, Santiago, Chile (presented by Dr. Maragakis).
78. Rahmanishamsi, E., Soroushian, S., Maragakis, E. M., "Analytical Model for Seismic Assessment of Nonstructural Partition Walls with Returns", 16th World Conference on Earthquake Engineering (16WCEE), January 2017, Santiago, Chile (presented by Dr. Maragakis).
79. Soroushian, S., Beitollahi, C., Maragakis, E.M., "Seismic Fragility Development of both Acceleration and Drift Sensitive Piping Systems", 16 European Conference on Earthquake Engineering, June 2018, Thessaloniki, Greece.
80. Javid, S., Soroushisn, S., Rahmanishamsi, E., Maragakis, M., "Generating Analytical Fragility Curves for Gypsum Partition Wallswith Different Aspect Ratios", Fourth International Workshop on Seismic Performance of Non-Structural Elements, Pavia Italy May 2019 (presented by Dr. Maragakis).

f. Other Presentations

1. "Full Scale Resonance and Failure Tests of Railway Bridges," presented to TRB subcommittee A2C05-1, January 1994 (invited).
2. "Field Tests of a Railroad Bridge," presented to ACI Committee 341, Marcy 1994 (invited).
3. "Full Scale Resonance and Failure Tests of Railway Bridges," presented to AREA Committee 9, August 1994 (invited).
4. "Full Scale Resonance and Failure Tests of Railway Bridges," presented to TRB Task Force A2C05-1, January 1995 (invited).
5. "Field Tests of a Railroad Bridge," presented to AAR Advisory Committee Meeting, Chicago, March 1995 (invited).
6. "Railway Bridge Bearings Strength," presented to AREA Committee 9, Buffalo, May 1995 (invited).
7. "Organization of the U.S.-Japan Bridge Engineering Workshops," presented to the 1st U.S.-Europe Workshop on Bridge Engineering, London, July 1996 (invited).
8. "Full Scale Resonance and failure Tests of a Railway Bridge", presented to the National Technical University of Athens, Greece, January 1997 (invited).
9. "Full Scale Resonance and failure Tests of a Railway Bridge", presented to Rice University, March 1997 (invited).
10. "Needs for Experimental Studies on Bridge Hinge Restrainers", presented to the AASHTO annual meeting, Wyoming, June 1997 (invited).
11. "The Earthquake Simulation Facility at the University of Nevada, Reno", presented to the AASHTO annual meeting, Wyoming, June 1997 (invited).
12. "Full-Scale Tests of a Railway Bridge", presented to the School of Civil Engineering and Architecture, Northern Jiatong University, Beijing, China, September 1999 (invited).
13. "Axial Behavior Characteristics of Pipe Joints Under Static Loading", presented to the School of Civil Engineering and Architecture, Northern Jiatong University, Beijing, China, September 1999 (invited).
14. "Networking of Experimental Facilities", presented to the Annual MCEER Investigators Meeting, Buffalo, New York, October 1999 (invited).
15. "Static Axial Behavior of Some Typical Restrained and Unrestrained Pipe Joints", presented at the MCEER Principal Investigators annual meeting, Buffalo, NY, October 2000.
16. Networking of Experimental Facilities", presented at the MCEER Principal Investigators annual meeting, Buffalo, NY, October 2000.
17. "An Update on Analytical and Experimental Research on Bridge Restrainers", Transportation Research Board meeting, January 2001
18. "Experimental Response of Bridge Hinges Retrofitted with Cable Restrainers", Eurodyn 2002 Conference, Munich, Germany, September 2002 (invited).
19. "Shake Table Tests of Underground Pipeline Joints", MCEER Annual Researchers Meeting, February 2002

20. “Shake Table Tests of Hospital Piping Systems”, MCEER Annual Researchers Meeting, February 2002
21. “Measuring Program Outcomes using RUBRICs”, 2007 Best Assessment Processes IX Symposium, Rose-Hulman Institute of Technology, Terre Haute, Indiana, April 2007. (presented by Dr. Maragakis)
22. “Accreditation Experience for the Bachelor’s Program in Civil Engineering”, Building the Foundation for the Global Technological Future, Pacific Southwest Section Conference, Reno, Nevada, April 2007. (presented by Dr. Elfass)
24. “NEESR-GC: Simulation of the Seismic Performance of Nonstructural Systems”, NEES/E-Defense Meeting, Kobe, Japan, September 2007 (presented by Dr. Maragakis).
25. “Seismic Response of Ceiling-Piping-Partition Nonstructural Systems”, Ahmed Abdel Ghaffar International Symposium, USC, September 19, 2008 (presented by Dr. Maragakis)
26. “Nonstructural Systems and Contents”, NEES-E-Defense Planning Meeting Phase 2, Washington DC, January 12-13, 2009 (presented by Dr. Maragakis)
27. “A Review of the Seismic Performance of the Ceiling-Piping-Partition Nonstructural System”, California Institute of Technology, Pasadena, California, May 28, 2009 (presented by Dr. Maragakis)
28. “Seismic Performance of the Ceiling-Piping-Partition Nonstructural System”, FM Global Insurance Company, June 15, 2010 (presented by Dr. Maragakis)
29. “Seismic Performance of the Ceiling-Piping-Partition Nonstructural System”, US-Japan meeting on Nonstructural Systems, October 21, 2010 (presented by Dr. Maragakis)
30. “Seismic Performance of the Ceiling-Piping-Partition Nonstructural System”, Invited presentation, Beijing Jiatong University, October 31, 2010 (presented by Dr. Maragakis)
31. Recent Experimental and Analytical Studies on the Seismic Performance of Ceiling, Piping and Partition Systems at UNR”, a series of invited presentations at 4 different Universities, Beijing, China September 2015 (presented by Dr. Maragakis).
32. Maragakis, M., “Simulation of the Seismic Performance of Ceiling-Piping-Partition Nonstructural Systems”, Keynote Abstract and Presentation, SIPS International Conference, Rio De Janeiro, Brszil, 4-7 November, 2018.

g. Research Reports

1. Maragakis, E.A., "Computerized Analysis of Prestressed Concrete Structures", National Technical University of Athens, Greece (June 1980).
2. Maragakis, E.A., "A Model for the Rigid Body Motions of Skew Bridges", Report No. EERL-85-02, California Institute of Technology, Pasadena, California, 1985.
3. Fraser, T., Saiidi, M., Maragakis, E.A., "Probabilistic Wind, Ice, Wind or Ice and Snow Maps for SPPC Service Area in Nevada and California", A report to the Sierra Pacific Power Company, Reno, Nevada, Contract No. 092966, January 1988.
4. Abdel-Ghaffar, S., Maragakis, E., and Saiidi, M., "Analysis of the Response of Reinforced Concrete Structures During the 1987 Whittier Earthquake," a report to the National Science Foundation, Report No. CCEER 90-2, Civil Engineering Department, University of Nevada, Reno, July 1990.
5. Maragakis, E., Ebrahimpour, A., O'Connor, D., "Survey and Evaluation of Nevada's Transportation Infrastructure," Report No. CIS 91-5, Civil Engineering Department, University of Nevada, Reno, February 1991.
6. Saiidi, M., Hwang, E., Maragakis, E., Douglas, B., "Dynamic Testing and the Analysis of the Flamingo Road Interchange," Report No. CCEER 91-1, February 1991.
7. Saiidi, M., Douglas, B., Feng, S., Hwang, E-S., and Maragakis, E., "Effects of Axial Force on Frequency of Prestressed Concrete Bridges," Report No. CCEER 92-4, Civil Engineering Department, University of Nevada, Reno, August 1992.
8. Maragakis, E., Saiidi, M., Hwang, E-S., and Ghusn, G., "Placement of Seismic Isolators in Bridges," Report No. CIS 91-26, College of Engineering, University of Nevada, Reno, July 1992.
9. Saiidi, M., Maragakis, E., and Feng, S., "An Evaluation of the Current Caltrans Seismic Restrainer Design Method," Report No. CCEER 92-8, University of Nevada, Reno, October 1992.
10. O'Connor, D.N., Saiidi, M., and Maragakis, E., "Effect of Hinge Restrainers on the Response of Madrone Drive Undercrossing During the Loma Prieta Earthquake," Report No. CCEER-92-9, February 1993.
11. Roybal, J., Sanders, D.H., and Maragakis, E., "Vulnerability Assessment of Masonry Public Buildings in the Reno-Carson City Urban Corridor," Civil Engineering Department, Report No. CCEER-93-3, University of Nevada, Reno, May 1993.
12. Saiidi, M. Maragakis, E., Abdel-Ghaffar, S., Feng, S., and O'Connor, D., "Response of Bridge Hinge Restrainers During Earthquakes - Field Performance, Analysis and Design," Civil Engineering Department, Report No. CCEER-93-6, University of Nevada, Reno, May 1993.
13. Wehbe, N., Saiidi, M., Maragakis, E., and Sanders, D., "Adequacy of Three Highway Structures in Southern Nevada for Spent Fuel Transportation," Civil Engineering Department, Report No. CCEER-93-7, University of Nevada, Reno, August 1993.

14. Maragakis, E., Saiidi, M., Feng, S., and Flournoy, L., "Effects of Hinge Restrainers on the Response of the San Gregorio Bridge During the Loma Prieta Earthquake," Civil Engineering Department, Report No. CCEER-93-5, University of Nevada, Reno, August 1993.
15. Abdel-Ghaffar, S., Maragakis, E., and Saiidi, M., "Evaluation of the Response of the Aptos Creek Bridge during the 1989 Loma Prieta Earthquake," Civil Engineering Department, Report No. CCEER-93-1, University of Nevada, Reno, August 1993.
16. Maragakis, E., Douglas, B., and Abdelwahed, E., "Preliminary Dynamic Analysis of a Railroad Bridge," Report CCEER-94-1, January 1994.
17. Douglas, B., Maragakis, E., and Feng, S., "System Identification Studies on the Cazenovia Creek Overpass," Report No. CCEER-95-9, University of Nevada, Reno.
18. Maragakis, E., Douglas, B., Sandirasegaram, U., "Full-Scale Field Resonance Tests of a Railway Bridge", A Report to the Association of American Railroads, Report No. CCEER 97-1, Civil Engineering Department, University of Nevada, Reno, May 1997.
19. Chen, Q., Douglas, B., Maragakis, E., Buckle, I., "Extraction of Non-Linear Hysteretic Properties of Seismically Isolated Bridges from Quick Release Tests", Report No. CCEER 97-2, Civil Engineering Department, University of Nevada, Reno, June 1997.
20. Darwish, I., Saiidi, M., Norris, G., Maragakis, E., "Determination of In-Situ Footing Stiffness Using Full-Scale Dynamic Field Testing", A Report Submitted to Nevada Department of Transportation, Report No. CCEER 97-3, Civil Engineering Department, University of Nevada, Reno, October 1997.
21. Maragakis, E., Douglas, B., Chen, Q., "Full-Scale Field Capacity Tests of a Railway Bridge", Report No. CCEER 98-4, Department of Civil Engineering, June 1998.
22. He, P., Itani, A., Maragakis, E., "Fatigue Behavior of Riveted Open Deck Railroad Bridge Girders", Report No. CCEER99-10, August 1999.
23. Johnson, R., Saiidi, M. and Maragakis, E., "A Study of Fiber Reinforced Plastics for Seismic Bridge Restrainers," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-05-2, January 2005.

h. Books

1. *8th U.S.-Japan Bridge Engineering Workshop*, Bruce Douglas and E. Maragakis (editors).
2. *Proceedings of the 12th US-Japan Bridge Engineering Workshop*, E. Maragakis and D. Sanders (editors).
3. *Proceedings of the 16th U.S.–Japan Bridge Engineering Workshop*, Sanders, D.H., Maragakis, E., (Editors).
4. *Guidelines for Seismic Performance Assessment of Buildings*, prepared by ATC, May 31, 2007. Served on the Nonstructural performance products team and contributed to the development of the experimental protocols.

i. Research Workshop Participation (by invitation)

1. Invited participant to the 4th Joint U.S.-Japan Workshop on Bridge Engineering Performance, Strengthening and Innovation, May 1988, San Diego, CA.
2. Invited participant to the 5th Joint U.S. - Japan Workshop on Bridge Engineering: Structural Monitoring, Safety and Non-destructive Evaluation, May 9 and 10, 1989, Tsukuba Japan (11 U.S. participants).
3. Invited participant to the 6th U.S.-Japan Workshop on Bridge Engineering, May 7 and 9, Lake Tahoe, Nevada.
4. Invited participant to the 7th U.S.-Japan Workshop on Bridge Engineering, May 1991, Tsukuba, Japan.
5. Invited participant to the 8th U.S.-Japan Workshop on Bridge Engineering, May 1992, Chicago, Illinois.
6. Invited participant to the 2nd U.S.-Japan Workshop on Earthquake Protective Bridges for Bridges, December 1992, Tsukuba, Japan.
7. Invited participant to the 9th U.S.-Japan Workshop on Bridge Engineering, May 1993, Tsukuba, Japan.
8. Invited participant to the 10th U.S.-Japan Workshop on Bridge Engineering, May 1994, Lake Tahoe, Nevada.
9. Invited participant to the 11th U.S.-Japan Workshop on Bridge Engineering, May 1995, Tsukuba, Japan.
10. Invited participant to the 12th U.S.-Japan Workshop on Bridge Engineering, October 1996, Buffalo.
11. Invited participant to the 13th U.S.-Japan Workshop on Bridge Engineering, October 1997, Tsukuba, Japan.
12. Invited participant to the 14th U.S.-Japan Workshop on Bridge Engineering, October 1998, Pittsburgh.
13. Invited participant to the 15th U.S.-Japan Workshop on Bridge Engineering, November 1999, Tsukuba, Japan.
14. Invited participant to the 1st U.S.-Europe Workshop on Bridge Engineering, July 1995, London, England.
15. Invited participant to the 2nd U.S.-Europe Workshop on Bridge Engineering, July 1996, Barcelona, Spain.
16. Invited participant to the 3rd U.S.-Europe Workshop on Bridge Engineering, July 1997, Zurich, Switzerland.
17. Invited participant to the 16th U.S.-Japan Workshop on Bridge Engineering, October 2000, Lake Tahoe, Nevada.
18. Invited participant to the 15th U.S.-Japan Workshop on Bridge Engineering, November 2001, Tsukuba, Japan.
19. Invited Participant and Keynote Speaker to the Second International Conference on Earthquake Engineering, Tokyo Institute of Technology, Japan, 2005.

20. Invited participant to the Fifth International Conference on Earthquake Engineering, Tokyo Institute of Technology, Japan, 2008.
21. Invited participant to the Eighth International Conference on Earthquake Engineering, Tokyo Institute of Technology, Japan, 2011.
22. Invited participant to the Ninth International Conference on Earthquake Engineering and Fourth Asia Conference on Earthquake Engineering, Tokyo Institute of Technology, Japan, 2012.
23. Invited participant to the Tenth International Conference on Earthquake Engineering, Tokyo Institute of Technology, Japan, 2013.
24. Invited participant to the First International Workshop on the Seismic Performance of Nonstructural Elements (SPONSE), August 2014, Harbin, China.
25. Invited participant to the Structural Engineering Frontier Conference, Tokyo Institute of Technology, Japan, March 2015.
26. Invited participant to the Second International Workshop on the Seismic Performance of Nonstructural Elements (SPONSE), May 2015, Pavia, Italy.
27. Invited participant to the Third International Workshop on the Seismic Performance of Nonstructural Elements (SPONSE), March 2016, New Zealand.
28. Invited Participant and Keynote speaker to the Fourth International Symposium on Earthquake Engineering, Beijing, October 2016.
29. Invited Participant and Keynote speaker to the Signal Processing Systems International Workshop, Rio De Janeiro, Brazil, November 2018.
30. Invited participant to the Fourth International Workshop on Seismic Performance of Non-Structural Elements, Pavia Italy May 2019.
31. Invited participant and Keynote Speaker at the Natural Hazards Engineering Research Infrastructure (NHERI) Workshop, December 2019, University of California, San Diego.

H. HONORS AND AWARDS

1. Scholarships and special awards for academic excellence (ranking in the top three percent out of 300 students) by the National Scholarship Organization of Greece (1975-76, 1976-77, 1977-78, 1978-79, 1979-80).
2. Special awards for academic excellence (ranking in the top one percent out of 300 students) by the National Technical Chamber of Greece (1975-76, 1978-79, 1979-80).
3. The paper, "A Fatigue Reliability Model for Railway Bridges," won an AREA National Award in January 1993. This paper is authored by Said Ismaïl, a graduate student under Dr. Maragakis' supervision.
4. Faculty Appreciation Award, UNR Civil Engineering students, April 2000.
5. University of Nevada, Reno Foundation Professorship, May 2005.
6. AGC Skill, Integrity and Responsibility Award (SIR), February 2018 (https://www.unr.edu/nevada-today/news/2018/manos-maragakis-sir-award).

I. CONSULTING

1. H.V. Lamberti Consulting Firm, "Development of Structural Analysis, Finite Element Programs" March, April 1988.
2. CSA Consulting Firm, "Development of a proposal for the analysis of a new type of insulation bearing wall", April 1988.
3. Evaluation of the shell dome of "Project C," Ferrari & Associates, October-December 1994.
4. Identification of trigger wind speeds to cause vehicle instability, summer 1995 (with Dr. Saiidi).
5. Testing of Ship Rubber Fenders, Martime International, October 2001, and January 2002.
6. Consultant for ATC-58 on the development of experimental protocols for testing of nonstructural components, September 2004-November 2005 and September 2007-December 2012.