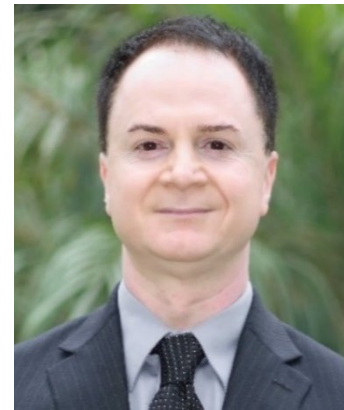




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Casey K. Hemmatyar, *Founding Chair and President*

As a licensed structural and civil engineer, forensic expert consultant, arbitrator, and educator with over four decades of experience, Casey Hemmatyar has provided extensive expert services to plaintiff and defense attorneys on numerous construction litigation matters throughout the United States and Canada. He holds engineering licenses in more than a dozen U.S. states and one Canadian province.



Federal and state government agencies, law firms, and insurance carriers have retained him as an expert engineer in approximately 200 litigation matters, including individual and class-action cases. A partial list of cases is available upon request.

His understanding of core engineering and legal concepts has enabled him to assist a wide range of clients effectively. He brings diverse experience in structural and civil engineering design, as well as in forensic engineering investigations and evaluations.

He also conducts research, has helped develop building codes and standards, and has supervised domestic and international construction projects. His experience includes special structures and new buildings, as well as modifications, alterations, seismic and hurricane retrofits, and upgrades to existing structures. He has provided failure analysis, expert consultation, forensic structural investigation, and damage assessment services for numerous litigation and insurance-related matters.

He regularly presents [continuing education lectures](#) to licensed engineers, architects, and general contractors on structural and forensic engineering topics throughout North America. Mr. Hemmatyar has been the principal structural engineer on projects for NASA and several other high-profile agencies. He currently directs [PSFEG](#) and served as a Director of the Structural Engineers Association of Southern California ([SEAOSC](#)) from 2011 to 2013.

His work covers many types of structures, including hospitals, schools and universities, telecommunications centers, aviation facilities, government buildings, and laboratories, as well as commercial, industrial, and residential buildings.

He is well-versed in structural design in concrete, structural steel, cold-formed (light-gauge) steel, wood, masonry, aluminum, glass, and other construction materials. He also has experience in



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performance-based design, seismic hazard evaluation and mitigation, and the development of reports evaluating essential structures, including hospitals and emergency facilities.

He has been interviewed by the [media](#), including the [History Channel](#) (in the documentary episode "Collapse of Ancient Structures") and [Reuters](#) (following the 2017 Mexico City school collapse).

Mr. Hemmatyar's experience also includes:

- Investigation and evaluation of the structural integrity of existing structures,
- Expert consulting, court appearances, and trial testimony.

U.S. and Canadian Professional Licenses

- SE and PE, California, Nos. S5108 and C66393
- SE and PE, Washington, No. 37443
- SE and PE, New Mexico, No. 31277
- SE, Arizona, No. S49653
- SE, Hawaii, No. S14571
- SE, Nevada, No. 022937
- SE, Utah, No. 14231428-2203
- PE, Alabama, No. 35359
- PE, Colorado, No. 52814
- PE, Michigan, No. 6201063078
- PE, New York, No. 091118
- PE, Ohio, No. 80490
- PE, Texas, No. 133339
- P.Eng., British Columbia, Canada, No. 19757
- General Building Contractor (Class B), California, No. 1044945



Partial List of Education

- BS Structural Engineering, University of Science & Technology (ABET-accredited), 1985
- MS Graduate Studies in Structural Engineering, University of British Columbia, Vancouver, BC, Canada, 1990–1991
- Advanced Structural Engineering Courses, University of Washington, Seattle, WA, 2000
- Advanced Structural Engineering Courses, Irvine Institute of Technology, Irvine, CA, 2002
- JD Law Studies (Juris Doctor Program), Santa Barbara and Ventura Colleges of Law, CA, 2012–2014

Professional Affiliations and Committee Service

- Director, Structural Engineers Association of Southern California ([SEAOSC](#)), 2011–2013
- Chair, Technology Committee, [SEAOSC](#), 2012–2017
- Chair, [Convention Technical Committee](#), [SEAOSC](#), 2013–2014
- Member, Seismology Committee, [SEAOSC](#), 2007–2018
- Member, Ad-Hoc Wind Committee, [SEAOSC](#), 2010
- SE Member, Structural Engineers Association of California ([SEAOC](#)), 2003–Present
- Member, American Society of Civil Engineers ([ASCE](#)), 2001–Present
- Member, [Forensic Engineering Division](#), ASCE, 2007–Present
- Member, [City of Los Angeles](#) Existing Building Code Ad-Hoc Committee, 2012–2017
- Subject Matter Expert, Professional Licensing, California Board for Professional Engineers, Land Surveyors, and Geologists ([BPELSG](#)), 2009
- Subject Matter Expert, National Council of Examiners for Engineering and Surveying ([NCEES](#)), 2010
- Safety Assessment Program (SAP) Evaluator, No. 74169, California Governor's Office of Emergency Services ([Cal OES](#)), 2010–Present
- Member, Forensic Expert Witness Association ([FEWA](#)), 2010–2018



- Member, Geotechnical Extreme Events Reconnaissance ([GEER](#)), 2011–Present
- Member, International Association for Life-Cycle Civil Engineering ([IALCCE](#)), 2015–Present
- Member, American Wood Council ([AWC](#)), 2012–2018
- Member, Cold-Formed Steel Engineering Institute ([CFSEI](#)), 2012–2018
- Member, New Zealand Society for Earthquake Engineering ([NZSEE](#)), 1997 and 2012
- Co-Chair, Advocate Committee, Engineers and Geoscientists of British Columbia ([EGBC](#), formerly APEGBC), 1996–1998

Selected Publications

- [Study of Historical and Design Wind Speeds in the Los Angeles Area](#), SEAOSC Ad-Hoc Wind Committee (contributing member), June 19, 2010
- [Recommendations for the Los Angeles Region Uniform Code Program \(LARUCP\)](#) Proposed Amendments to the 2010 California Building Code, ICC Los Angeles Basin Chapter Structural Code Committee (contributing member), June 24, 2010

AIA-Approved Continuing Education Lectures, Seminars, and Webinars

The 47 presentations listed below are delivered online and in person to licensed engineers, architects, and general contractors in the private and public sectors throughout the United States and Canada. They include courses Mr. Hemmatyar developed and presented, as well as technical sessions he hosted or moderated.

These courses have been presented through continuing education providers such as [HalfMoon Education](#) and [Ncite](#) (formerly PDHSource). The courses qualify for continuing education credit under the requirements of most state licensing boards and contribute to the ongoing professional development of licensed professionals:

- Moderator: [11th Forensic Engineering World Congress \(Forensic Innovation, Technology, Education, and Professional Practice session\)](#), administered by [ASCE | Forensic Engineering](#) – Lake Buena Vista, FL, ASCE Forensic Engineering World Congress, October 25, 2026



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- Moderator: [11th Forensic Engineering World Congress \(Building Codes, Construction Activities, and Geotechnical session\)](#), administered by [ASCE | Forensic Engineering](#) – Lake Buena Vista, FL, ASCE Forensic Engineering World Congress, October 24, 2026
- Moderator: [11th Forensic Engineering World Congress \(Building Codes, Construction Activities, and Geotechnical session\)](#), administered by [ASCE | Forensic Engineering](#) – Lake Buena Vista, FL, ASCE Forensic Engineering World Congress, October 23, 2026
- [Structural Forensic Engineering](#), administered by [HalfMoon Education](#) – North American Presentation Webinar, June 25, 2026
- [Causes of Structural Failures & Forensic Engineering Process](#), administered by [Ncite](#) – North American Presentation Webinar, June 10, 2026
- [How to Analyze Common Construction Defects and Failures](#), administered by [Ncite](#) – North American Presentation Webinar, October 22, 2025
- [Causes of Structural Failures & Forensic Engineering Process](#), administered by [Ncite](#) – North American Presentation Webinar, April 9, 2025
- [How to Analyze Common Construction Defects and Failures](#), administered by [Ncite](#) – North American Presentation Webinar, November 4, 2024
- [How to Analyze Common Construction Defects and Failures](#), administered by [Ncite](#) – North American Presentation Webinar, October 30, 2024
- [Forensic Engineering of Infrastructure: Preventing and Addressing Failures](#), administered by [HalfMoon Education](#) – North American Presentation Webinar, September 18, 2024
- [How to Analyze Common Construction Defects and Failures](#), administered by [HalfMoon Education](#) – North American Presentation Webinar, August 7, 2024
- [How to Analyze Common Construction Defects and Failures](#), administered by [HalfMoon Education](#) – North American Presentation Webinar, January 31, 2024
- [Ethical Issues in Structural Engineering](#), administered by [HalfMoon Education](#) – North American Presentation Webinar, December 20, 2023
- [How to Analyze Common Construction Defects and Failures](#), administered by [Ncite](#) – North American Presentation Webinar, October 25, 2023



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- [How to Analyze Common Construction Defects and Failures](#), administered by [HalfMoon Education](#) – North American Presentation Webinar, July 24, 2023
- [Causes of Structural Failures & Forensic Engineering Process](#), administered by [Ncite](#) – North American Presentation Webinar, June 14, 2023
- [Ethical Issues in Structural Engineering](#), administered by [HalfMoon Education](#) – North American Presentation Webinar, May 3, 2023
- [Forensic Engineering of Infrastructure](#), administered by [HalfMoon Education](#) – North American Presentation Webinar, December 19, 2022
- Moderator: [9th Forensic Engineering World Congress](#), administered by [ASCE | Forensic Engineering](#) – Denver, CO, ASCE Forensic Engineering World Congress, November 5, 2022
- [Forensic Examination of Structures](#), administered by [Ncite](#) – North American Presentation Webinar, June 15, 2022
- [Structural Forensic Engineering](#), administered by [HalfMoon Education](#) – North American Presentation Webinar, April 19, 2022
- [How to Analyze Common Construction Defects and Failures](#), administered by [Ncite](#) – North American Presentation Webinar, November 4, 2021
- [How to Analyze Common Construction Defects and Failures](#), administered by [HalfMoon Education](#) – North American Presentation Webinar, October 26, 2021
- [Structural Forensic Engineering](#), administered by [HalfMoon Education](#) – North American Presentation Webinar, July 27 & 28, 2021
- [Deep Dive into Real-Life Construction Failures](#), administered by [HalfMoon Education](#) – North American Presentation Webinar, May 10, 2021
- [Structural Forensic Engineering](#), administered by [HalfMoon Education](#) – North American Presentation Webinar, June 15 & 16, 2020
- [Forensic Examination of Structures](#), administered by [HalfMoon Education](#) – Pasadena, CA, In-Person Presentation Seminar, April 30, 2020
- [Forensic Examination of Structures](#), administered by [HalfMoon Education](#) – San Antonio, TX, In-Person Presentation Seminar, April 21, 2020



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- [Forensic Examination of Structures](#), administered by [HalfMoon Education](#) – Boise, ID, In-Person Presentation Seminar, November 13, 2019
- [Forensic Examination of Structures](#), administered by [HalfMoon Education](#) – Reno, NV, In-Person Presentation Seminar, July 30, 2019
- [Designing for Resiliency](#), administered by [HalfMoon Education](#) – Santa Barbara, CA, In-Person Presentation Seminar, May 30, 2019
- [Forensic Examination of Structures](#), administered by [HalfMoon Education](#) – Seattle, WA, In-Person Presentation Seminar, October 10, 2018
- [Forensic Examination of Structures](#), administered by [HalfMoon Education](#) – Irvine, CA, In-Person Presentation Seminar, December 13, 2016
- [Forensic Examination of Structures](#), administered by [HalfMoon Education](#) – Albuquerque, NM, In-Person Presentation Seminar, May 19, 2016
- [Forensic Examination of Structures](#), administered by [HalfMoon Education](#) – Phoenix, AZ, In-Person Presentation Seminar, January 21, 2016
- [Napa's 6.2 Earthquake and California Building Code](#), administered by [SEAOC](#) – 2014 International Convention, Indian Wells, CA, In-Person Presentation Seminar, September 13, 2014
- Host/Moderator: [Seismic Resistance of a Typical Electrical Supply System Lifeline](#) (James Day, SE), administered by [SEAOSC](#) – Ventura, CA, In-Person Presentation Seminar, March 19, 2013
- [Overview and Application of 2013 CBC and 2012 IBC Chapters 16, 16A, 17, and 17A](#), administered by [SEAOSC](#) – Los Angeles, CA, In-Person Presentation Seminar, March 6, 2013
- Host/Moderator: [OSHDP Seismic Retrofit SB 499 Report](#) (Chris Tokas, SE), administered by [SEAOSC](#) – Ventura, CA, In-Person Presentation Seminar, January 8, 2013
- Host/Moderator: [Seismic Retrofit Utilizing Damper Panels](#) (Fred H. Schott, SE, and David Lee, PhD), administered by [SEAOSC](#) – Ventura, CA, In-Person Presentation Seminar, July 11, 2012



- Host/Moderator: [Ventura Community Medical Center Replacement Hospital Wing Project](#) (Phil Nelson, PE), administered by [SEAOSC](#) – Ventura, CA, In-Person Presentation Seminar, March 14, 2012
- Host/Moderator: [Atop the Rupture Zone – Chile's 8.8 Earthquake & Tsunami](#) (Barry Keller, PhD, Seismologist), administered by [SEAOSC](#) – Santa Maria, CA, In-Person Presentation Seminar, January 11, 2012
- Host/Moderator: [Seismic Evaluation and Retrofit of Existing Structures](#) (Nam Young, SE), administered by [SEAOSC](#) – Ventura, CA, In-Person Presentation Seminar, November 9, 2011
- [Overview and Application of 2010 CBC Chapters 16, 16A, 17, and 17A](#), administered by [SEAOSC](#) – Santa Barbara, CA, In-Person Presentation Seminar, September 14, 2011
- [Overview and Application of 2010 CBC Chapters 16, 16A, 17, and 17A](#), administered by [SEAOSC](#) – Ventura, CA, In-Person Presentation Seminar, March 16, 2011
- [Overview and Application of 2010 CBC](#), administered by [SEAOSC](#) – Long Beach, CA, In-Person Presentation Seminar, January 29, 2011
- [New Trends in Structural Engineering and 2007 CBC](#), administered by [Society of Iranian American Architects & Planners](#) – Santa Monica, CA, In-Person Presentation Seminar, September 27, 2007

Partial List of Awards and Recognition

- Presidential Certificate of Appreciation, Structural Engineers Association of Southern California (SEAOSC), 2016
- Outstanding Engineering Merit Award, Orange County Engineering Council (OCEC), 2012
- Structural Engineering Presentations Award, Structural Engineers Association of Southern California (SEAOSC), 2011
- Structural Engineering Software Development Contribution Award, Canadian Wood Council (CWC), 1995



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- Admitted to the University of Science and Technology at age 16, ranked 552nd of approximately one million applicants. The university is recognized as one of Iran's top three engineering universities.

Supplementary Activities and Achievements

- FAA Certified Remote Pilot, No. 4370646
- Member, U.S. Masters Swimming, No. 3314-06XB7
- Former Iranian National Age-Group Swimming Champion
- Owner of the PSFEG® Trademark, U.S. Patent and Trademark Office (USPTO), Serial No. 85250519
- Founder of [Structural Engineer USA](#) (est. 2009), LinkedIn's fourth largest worldwide structural engineering group as of 2026, with nearly 25,000 members