



Biographical Information

Casey K. Hemmatyar, SE

Mr. Hemmatyar brings diversified experience in the field of Structural and Forensic engineering. Over the past 27 years he has worked in design, investigation, evaluation, research, building code and standards development and construction supervision of US, Canada and International projects. His experience includes new buildings, special structures, as well as modifications, alterations, seismic/wind retrofits and upgrades. He has provided failure analysis, expert witness testimony, structural forensic investigation, damage assessment services for litigation and insurance related matters as well.



Types of assignments include schools/higher education, hospitals, healthcare, government, recreational, laboratories, commercial, industrial and residential structures in concrete, steel, timber/wood, masonry, aluminum, glass, light-gage steel and other construction materials. His work covers performance-based design, seismic hazard evaluation and mitigation methods, structural forensic investigations of structures as well as preparation of evaluation reports for essential structures such as hospitals and urgent care facilities. Part of his past experience covers Plan Check Consulting for OSHPD and DSA government agencies.

Mr. Hemmatyar has been interviewed by public media on structural engineering issues. He provides technical lectures, presentations, webinars for structural engineering, architectural and Building Official communities. His experience also covers:

- Investigation and evaluation of structural integrity of existing structures including foundation systems.
- Expert consulting, court appearance and trial testimony.

Registrations

- SE, PE, California – S5108, C66393
- SE, PE Washington – 37443
- SE, Hawaii – S14571
- SE, Arizona – S49653
- P.ENG, British Columbia, Canada – S19757

Qualifications

- B.S. Structural Eng. (1984) University of Science & Technology, Tehran (ABET accredited)
- M.S. Program Studies Structural Eng. (1990) University of British Columbia, Vancouver, Canada

Affiliations

- SEAOSC (Structural Engineers Association of Southern California); Director, 2011-Present
- SEAOSC; Committee Member – Seismology, 2007- Present
- SEAOSC; Committee Member – Wind Ad-Hoc, 2010
- BPELG; (California Board for Professional Engineers, Land Surveyors & Geologists) – Professional Licensing; Subject Matter Expert, 2009



USA

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Page 2 Of 3 Continued

- NCEES; (National Council National Council of Examiners for Engineering and Surveying); Subject Matter Expert, 2010
- City of Los Angeles Existing Building Code Ad-Hoc committee 2012-Present
- Forensic Expert Witness Association; Member, 2010-Present
- CAL E•M•A Registered Post-Earthquake and Disaster Safety Assessment Evaluator – 74169, 2010-Present
- SEAOC; SE Member 2003-Present
- AWC (American Wood Council); Member, 2012-Present
- CFSEI (Cold-Formed Steel Eng. Inst.); Member, 2012-Present
- GEER (Geotechnical Extreme Events Reconnaissance); Member, 2011-Present
- ASCE; SE Member, 2007 and 2012-Present
- APEGBC (Association of Professional Engineers and Geoscientists of British Columbia), Advocate Committee, Co-Chair, 1996-1998

Publications

- Study of Historical and Design Wind Speeds in the Los Angeles Area, prepared by SEAOSC Ad-Hoc Wind Committee 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 Member, June 24, 2010

Presentations

- Casey K. Hemmatyar - Host/Moderator, Phil Nelson, PE; Ventura Community Medical Center Replacement Hospital Wing Project, SEOASC - Ventura, CA Presentation Seminar, Mar. 14, 2012
- Casey K. Hemmatyar - Host/Moderator, Barry Keller, PhD Seismologist ; Atop the Rupture Zone - Chile's 8.8 Earthquake and Tsunami, SEOASC - Santa Maria, CA Presentation Seminar, Jan. 11, 2012
- Casey K. Hemmatyar - Host/Moderator, Nam Young ; Seismic Evaluation and Retrofit of Existing Structures, SEOASC - Ventura, CA Presentation Seminar, Nov. 9, 2011
- Casey K. Hemmatyar; Overview and Application of 2010 CBC Chapter 16, 16A, 17 and 17A, SEOASC - Santa Barbara, CA Presentation Seminar, Sep. 14, 2011
- Casey K. Hemmatyar; Overview and Application of 2010 CBC Chapter 16, 16A, 17 and 17A, SEOASC - Ventura, CA Presentation Webinar, Mar. 16, 2011
- Casey K. Hemmatyar; Overview and Application of 2010 CBC Chapter 16, 16A, 17 and 17A, SEOASC - Long Beach, CA Macro Seminars, Jan. 29, 2011
- Casey K. Hemmatyar; Structural Engineering and CBC 2007, SEOASC - Santa Monica, CA Sep. 27, 2007



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Page 3 Of 3 Continued

Awards

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

United States Patent & Trademark (USPTO)

- Registered Owner - 85250519

Extracurricular

- USA Masters Swimming Member – 3314-06XB7
- Ventura County Masters Swimming Member
- Former National Swimming Champion
- At age 16 ranked 552nd among about one Million entry applicants as admitted to University of Science & Technology of Iran, with distinguished Honor.



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