

David Cocke S.E. F.SEI, F.ASCE, F.SEAOC Principal and Founder

David Cocke founded Structural Focus in 2001. His expertise is structural design, adaptive reuse, seismic evaluation/retrofit, and historic preservation. Projects include historic landmarks, new laboratories, commercial building repair/retrofit, studio production facility design, building evaluations (industrial, hightech and film studios), and educational facilities.

David's activity in historic preservation includes presentations regarding adaptive reuse. He leads many professional organizations, preservation groups, and structural and earthquake engineering associations.

An expert in post-disaster business resiliency and continuity, he believes preplanning and city partnerships greatly reduce business interruption post-earthquake or other disasters.

Education

- M.S., San Jose State University, 1987
- B.S., Virginia Tech, 1980

Licensing

- Civil & Structural Engineer in CA (S3005), and 15 additional states
- Safety Assessment Program Disaster Emergency Worker SAP10744

Professional Affiliations

- Structural Engineers Institute: Fellow; President 2019
- American Soc. of Civil Engineers: Fellow
- Structural Engineers Assoc. of CA: Fellow; SoCal; NorCal
- Earthquake Engineering Research Institute: President 2020–2023
- USC Architectural Guild: President 2006–07
- NIST: Federal Advisory Committee on Earthquake Hazard Reduction 2021–24
- L.A. Conservancy: Board 2016–22
- · L.A. Earthquake Technical Task Force
- Pasadena Heritage: Board 2008–12
- California Historical Building Safety Board
- California Preservation Foundation: Board 1996–2003
- National Trust for Historic Preservation
- · American Institute of Architects, L.A.



Selected Experience

Studios/Production Facilities

- Amazon Studios at The Culver Studios: Five new buildings and production facilities, with two parking structures
- The Culver Studios Expansion, Stages 15 and 16: Design and renovation of two stages
- Debbie Allen Dance Academy: New multi-purpose community building
- DreamWorks Animation, Lakeside Annex: New, 300,000 SF expansion
- DreamWorks Animation SKG: Miscellaneous projects on Universal lot and others
- Fox Building 105: New building, creative office space, editing and screening facility
- Fox Studios Building 105: Design of new four-story building
- Sunset Glenoaks Studios: Four new, ground-up production studios and eight soundstages
- KTLA Channel 5, Sunset Bronson Studios Stage 6 & Bldg. 16:
 Tenant improvement
- The Lot Studios Courtyard Building: New seven-story office bldg. with subterranean parking
- Netflix Animation: Adaptive reuse of office space
- Paramount Studios: Seismic evaluation (subject to City of LA NDC Ordinance)
- Paramount Studios: Various renovation projects
- Paramount Studios, Post-Earthquake Program: Assessment of 20 buildings as part of post-earthquake response and evaluation services
- Sony Computer Entertainment America at The Reserve: Adaptive reuse, creative office space
- Sony Motion Capture Studios: Creative office space and tenant improvement of production facility
- Sony Pictures, Akio Morita Building: New eight-story office building
- Sony Pictures, Digital Sound Stages: New construction
- Sony Pictures, Post-Earthquake Program: Assessment of 33 buildings as part of post-earthquake response and evaluation services
- Sony Pictures, Scenic Arts: Historic seismic analysis
- Sony Pictures, Stage 6: Adaptive reuse
- Sony Pictures, Support Building: New office building
- Sunset Bronson Studios: Historic renovation, seismic upgrade, and retrofit



Studios/Production Facilities (cont.)

- Sunset Gower Studios: Several projects including renovations and modifications to several stages and buildings including existing Stage 1 and Stage 5 buildings
- Time Warner Cable: New broadcast facility
- TMZ at The Reserve: Adaptive reuse, creative office space and broadcast facility
- Victory Studios: Renovation and addition
- Wallis Annenberg Center for Performing Arts: Historic conversion and new construction
- Warner Bros., B48 VIP Tours Building: Seismic retrofit and new addition
- Warner Bros., Post-Earthquake Program: Assessment of 89 buildings as part of post-earthquake response and evaluation services
- Warner Bros., Ranch Lot Studios: New design for 16 new soundstages in 4 studio buildings, plus two office and production buildings
- Warner Bros. Studios, Stage 16: Sound statges repairs & retrofits
- Warner Bros. Sound Stage 23: New 18,000 SF sound stage
- Warner Bros. Sound Stage 29: New 18,000 SF sound stage
- Warner Bros. Studio Plaza: Overall building tenant improvements
- Warner Bros. Miscellaneous: Renovations to hundreds of buildings

Hotel/Residential

- Hotel Cecil: Historic renovation and seismic retrofit
- Hotel Shangri-La: Historic renovation
- Santa Monica Proper Hotel: Historic restoration and adaptive reuse
- SOHO Lake Arrowhead Resort: Renovation of existing west wing and north wing buildings, construction of new lobby building with spa and restaurant
- **SOHO Palm Springs Colony 29:** Renovation of several buildings, and new construction of facilities building and swimming pool

Laboratories

- Advanced Bionics: Adaptive reuse
- Agensys Laboratories: New pharmaceutical lab and manufacturing facility, new construction, and adaptive reuse
- Amgen: Renovations
- Quest Diagnostics: Renovations
- Project Héroe: Concept study for rapidly deployable, modular medical facilities



Laboratories (Cont.)

Specialty Laboratories: New construction

Educational/Cultural

- Chapman University, Sandi Simon Center for Dance: Historic preservation and Adaptive reuse
- Hooper Community Center, Webb School: Historic preservation and renovations
- Huntington Gardens, Japanese House: Historic restoration
- The Huntington Library: Seismic retrofit and historic preservation
- Irvine Ranch Historic Park: Historic rehabilitation and adaptive reuse
- **King Gillette Ranch:** Structural evaluation and schematic design of adaptive reuse of existing stable into a new park visitor center.
- Laguna Niguel Library: Renovation and expansion
- Pasadena Conservatory of Music: Addition and Renovations
- Rancho Los Alamitos Barns and Education Center: Historic preservation and new construction
- Ryan Camp, Death Valley National Park: Full structural assessment of historic 9-building complex, ongoing structural upgrades, renovations, and reconstruction
- Riverside Metropolitan Museum: Historic renovation and seismic retrofit
- Self-Realization Fellowship Windmill Chapel: Historic restoration and Seismic retrofit
- Scripps College, New Residence Hall: Three new Mediterraneanstyle buildings
- Valley Beth Shalom: Sanctuary renovations
- Woodbury University School of Business: Atrium, auditorium, and classrooms.

Historic Preservation

- Academy Museum of Motion Pictures, The Saban Building (May Co. prior): Historic facade rehabilitation
- Aliso Viejo Ranch: Historic renovation and new construction
- Anaheim Citrus Packing House: Historic renovation
- Caltech: Relocation and restoration of historic bungalow buildings
- Carnegie Museum: Historic renovation
- CBRE Masonic Temple: Historic renovation and new commercial building
- Chapman University, Sandi Simon Center for Dance: Historic preservation and Adaptive reuse



Historic Preservation (cont.)

- Duck Farm River Park: Historic conversion and new construction
- Fresno Santa Fe Depot: Historic renovation and seismic strengthening
- Harada House: Historic preservation/stabilization of wood-framed structure originally built in late 1800s
- Hotel Cecil: Historic renovation and seismic retrofit
- Hotel Shangri-La: Historic renovation
- Huntington Gardens, Japanese House: Historic restoration
- The Huntington Library: Seismic retrofit and historic preservation
- Irvine Ranch Historic Park: Historic rehabilitation and adaptive reuse
- John Anson Ford Amphitheatre: Historic restoration and new construction
- Los Angeles Union Station: Numerous renovation projects
 - Restroom Expansion
 - Metropolitan Water District Walkway Repairs
 - Lot G Bridge
 - Passageway Flood Evaluation
 - North Patio Repairs
 - Event Usage Support
 - Tenant Improvements
 - Maintenance Support
- Manzanar National Historic Site, Block 14: Reconstruction of the historic Block 14 buildings over the original concrete slabs
- Neutra Institute for Survival Through Design (NISTD): Historic Structures Report to assess historical features, determine required upgrades, and provide data for California Mills Act preservation application.
- Netflix Egyptian Theatre: Tenant improvement
- Rancho Los Alamitos Barns and Education Center: Historic preservation of barns and ranch buildings; new construction of education building
- Rancho Los Alamitos Historic Adobe House: Seismic stabilization of the two-story adobe building, listed on the National register of Historic Places
- Riverside Metropolitan Museum: Historic renovation and seismic retrofit
- ROW DTLA, Building 2: Historic renovation and seismic retrofit
- Ryan Camp, Death Valley National Park: Full structural assessment of historic 9-building complex, ongoing structural upgrades, renovations, and reconstruction
- San Joaquin Marsh Campus: Historic relocation and rehabilitation
- Santa Monica Proper Hotel: Historic Restoration and adaptive reuse



- Self-Realization Fellowship Windmill Chapel: Historic restoration and seismic retrofit
- Sunset Bronson Studios: Historic renovation, seismic upgrade, and retrofit

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Historic Preservation (Cont.)

- Wallis Annenberg Center for Performing Arts: Historic conversion and new construction
- Wilshire Boulevard Temple: Historic preservation

Seismic Evaluation, Assessment, & Retrofit Design

- Hotel Cecil: Historic renovation and seismic retrofit
- Paramount Studios: Seismic evaluation (subject to City of LA NDC Ordinance)
- Paramount Studios, Post-Earthquake Program: Assessment of 20 buildings as part of post-earthquake response and evaluation services
- Riverside Metropolitan Museum: Renovation and seismic retrofit
- ROW DTLA, Building 2: Historic renovation and seismic retrofit
- Self-Realization Fellowship Windmill Chapel: Historic restoration and Seismic retrofit
- Sony Pictures, Scenic Arts: Historic seismic analysis
- Sunset Bronson Studios: Historic renovation, seismic upgrade, and retrofit
- Warner Bros., B48: Seismic retrofit
- Warner Bros., Post-Earthquake Program: Assessment of 89 buildings as part of post-earthquake response and evaluation services

Commercial/Tenant Improvement/Adaptive Reuse

- 444 S. Flower Street: Tenant improvements and renovations
- 1355 3rd Street Promenade: Evaluation and reconstruction of the retail building's third floor
- Advanced Bionics: Adaptive reuse
- **Agensys Laboratories:** New pharmaceutical lab and manufacturing facility, new construction, and adaptive reuse
- Chapman University, Sandi Simon Center for Dance: Historic preservation and Adaptive reuse
- **Debbie Allen Dance Academy:** New multi-purpose community building
- Google Los Angeles Headquarters: Adaptive reuse of six buildings
- Hotel Cecil: Historic renovation and seismic retrofit



- Irvine Ranch Historic Park: Historic rehabilitation and adaptive reuse
- KTLA Channel 5, Sunset Bronson Studios Stage 6 & Bldg. 16: Tenant improvement
- Laguna Niguel Library: Renovation and expansion

Commercial/Tenant Improvement/Adaptive Reuse (Cont.)

- Netflix Animation: Adaptive reuse of office space
- Red Bull North American Headquarters: Adaptive reuse of two buildings
- Riverside Metropolitan Museum: Renovation and seismic retrofit
- Santa Monica Proper Hotel: Historic restoration and adaptive reuse
- SOHO Lake Arrowhead Resort: Renovation of existing west wing and north wing buildings, construction of new lobby building with spa and restaurant
- **SOHO Palm Springs Colony 29:** Renovation of several buildings, and new construction of facilities building and swimming pool
- Sony Computer Entertainment America at The Reserve: Adaptive reuse, creative office space
- Sony Motion Capture Studios: Creative office space and tenant improvement of production facility
- Sony Pictures, Akio Morita Building: New eight-story office building
- Sunset Bronson Studios: Historic renovation, seismic upgrade, and retrofit
- The Lot Studios Courtyard Building: New seven-story office bldg, with subterranean parking
- The Reserve: Adaptive reuse, creative office space
- Wallis Annenberg Center for Performing Arts: Historic conversion and new construction
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- Warner Bros. Studio Plaza: Overall building tenant improvements

Awards

Laserfiche:

 2019 Southern California Development Forum, Technological Innovation Award

ROW DTLA:

 2019 Southern California Development Forum, Preservation Award



2018 LA Business Council Architectural Award, Mixed-Use

Bradbury Residence:

 2018 Santa Monica Conservancy Preservation Award, President's Award

Awards (cont.)

• Wallis Annenberg Center for the Performing Arts:

- 2018 AIA California Council Design, Merit Award
- 2016 AIA Design Award Goldsmith Theater
- 2016 AIA LA Design Award
- 2015 LA Conservancy Preservation Award
- 2015 NCSEA Excellence in Structural Engineering Award
- 2015 Architizer's A+ Popular Choice Award
- 2015 Westside Urban Forum Design Award
- 2014 SEAOSC Excellence in Structural Engineering Award
- 2014 CPF Preservation Design Award
- 2014 ENR National Cultural/ Worship Best Project Award
- 2014 LABJ Commercial Real Estate Award, Best Redevelopment Project

• Scripps NEW Residence Hall:

 2017 City of Claremont's Architectural Commission, Excellent in Design Award, New Construction

• KTLA Channel 5:

2017 SEAOSC Excellence in Structural Engineering Award

• CBRE Masonic Temple:

- 2017 Architizer A+ Popular Choice Award
- 2017 Architectural Record, Good Design is Good Business Award
- 2017 AIA San Fernando Valley, Merit Award
- 2016 Building Design + Construction, Reconstruction Award
- 2016 ENR CA Best Renovation Project Award
- 2016 SEAOSC Excellence in Structural Engineering Award
- 2016 SEAOC Excellence in Structural Engineering Award
- 2016 LA Business Council Architectural Award of Excellence
- 2016 ASCE LAB Outstanding Historical Building Renovation Project of the Year Award
- 2016 SFVBJ Commercial Real Estate Award Best Office Project
- 2016 LABJ Commercial Real Estate Award Best Redevelopment Project

John Anson Ford Amphitheatre:

- 2018 American Concrete Institute, Excellence Awards, 2nd Place Repair & Restoration
- 2016 American Architecture Award

Killingsworth Office Building:

2016 American Architecture Award

Red Bull Headquarters, Building 2:

2016 LA Business Council Architectural Award of Excellence



Olan G. and Aida T. Hafley House:

- 2016 American Architecture Award
- 2016 AIA|LA Residential Architecture Award
- 2015 CPF Preservation Design Award
- 2015 LA Conservancy Preservation Award

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Awards (cont.)

 2016 AIA|LA Residential Architecture Award, Renovations/Restorations Category

Hotel Normandie:

2016 LA Conservancy Preservation Award

• The Reserve:

- 2015 SEAOC Excellence in Structural Engineering Award
- 2014 LABJ Commercial Real Estate Best Office Project Award

Anaheim Citrus Packing House:

- 2015 Pacific Coast Builders Conference Gold Nugget Awards, Best Rehab for a Commercial or Industrial Project, Best Infill or Rehab Site Plan and Best Sustainable Commercial Project
- 2013 SEAOC Excellence in Structural Engineering Award
- 2013 SEAOSC Excellence in Structural Engineering Award
- 2013 CPF Rehabilitation Design Award

Wilshire Boulevard Temple:

- 2014 SEAOC Excellence in Structural Engineering Award
- 2014 SEAOSC Excellence in Structural Engineering Award
- 2014 LA Conservancy President's Award
- 2014 CPF Preservation Design Award
- 2014 ENR Southern California Region Preservation and Outstanding Project Award
- 2014 LA Conservancy Preservation Award
- 2014 LABJ Commercial Real Estate Best Redevelopment Project Award

• Private Residence:

2014 LA Business Council Architectural Award of Excellence

• Confidential Media Client:

- 2014 LA Conservancy Preservation Award
- 2014 LABJ Commercial Real Estate Best Redevelopment Project Award

• Rancho Los Alamitos:

- 2014 LA Conservancy Preservation Award
- 2010 SEAOSC Excellence in Structural Engineering Award

Animation Studio:

2013 IIDA SoCal Calibre Award

Agensys Laboratories:

2013 LA Business Council Architectural Award of Excellence



Orchard Gables Bungalows:

2013 CPF Rehabilitation Design Award

Awards (cont.)

• 3Labs Event Space:

- 2013 AIA, San Fernando Valley, Honor Award
- 2012 SEAOC Excellence in Structural Engineering Award
- 2012 IIDA, Southern California, Calibre Award
- 2012 SCDF Design Award
- 2011 NCSEA Outstanding Project in Forensic/Renovation/ Retrofit/Rehabilitation Structures Category Award

• Huntington Library Japanese House:

- 2013 CPF Rehabilitation Design Award
- 2013 LA Conservancy Preservation Award
- 2013 LA Business Council Architectural Award
- 2012 AIA LA, Design Award
- 2012 AIA Foothill, Merit Award

Red Bull North American Headquarters:

 2010 Santa Monica Conservancy Preservation Award, Commercial Adaptive Reuse

• 55-61 Colorado Boulevard:

 2010 City of Pasadena Historic Preservation Commission Award

Hollywood Bungalow Courts:

2010 CPF Preservation Design Award

Hotel Shangri-La:

- 2010 SEAOC Excellence in Structural Engineering Award
- 2010 SEAOSC Excellence in Structural Engineering Award

Herman Miller Los Angeles Showroom:

- 2012 AIA South Atlantic Region, Merit Award
- 2010 IIDA SoCal Calibre Award

Warner Bros. Studios Stage 23:

- 2009 SEAOC Excellence in Structural Engineering Award
- 2009 SEAOSC Excellence in Structural Engineering Award
- 2009 LA Business Council Architectural Award, Sustainability

• San Timoteo Canyon Schoolhouse:

2008 CPF Preservation Design Award

Maltman Bungalows:

2008 LA Conservancy Preservation Award, Design

• Private Residence:

2007 SEAOSC Excellence in Structural Engineering Award

Fresno Santa Fe Passenger Depot:



- 2007 CA Dept. of Transportation Design Excellence Award
- 2006 SEAOC Excellence in Structural Engineering Award
- 2006 SEAOSC Excellence in Structural Engineering Award
- 2005 CPF Preservation Design Award

Awards (cont.)

- Warner Bros. Studios Post Production Facility:
 - 2006 SEAOSC Excellence in Structural Engineering Award
- Specialty Laboratories:
 - 2005 SEAOC Excellence in Structural Engineering Award
 - 2005 SEAOSC Excellence in Structural Engineering Award

Presentations & Publications

- **Sept. 2018, STRUCTURE Magazine:** "Updating the Vision for the Future of Structural Engineering."
- Oct. 2017, Civil + Structural Engineer Magazine: "Inverted Shear Walls: KTLA Channel 5's New Box-in-Box Studios in a Historic Building Present Structural Design Challenges."
- Sept. 2017, SEAOC Convention: "Building Community Partnerships through Strategic Outreach: the SEAOSC Strengthening Our Cities Summit and Safer Cities Survey."
- May 2017, California Polytechnic State University, San Luis Obispo: "Structural Focus | Structural Engineering."
- May 2017, California Preservation Foundation, Preservation Conference: "Thou Shalt Be Resilient! California's New Wave of Seismic Ordinances."
- April 2017, EERI Friedman Family Fellowship Visiting Professional, North Carolina State University: "Real Life as a Structural Engineer."
- April 2017, SEAOSD/EERI, University of California, San Diego: "Resiliency by Design: Progress in Los Angeles."
- April 2017, EERI Friedman Family Fellowship Visiting Professional, University of California, San Diego: "Real Life as a Structural Engineer."
- Sept. 2016, Southern California Construction & Design Conference II—Capturing the Future of Water Resources, Seismic Design, and Transportation: "Improving Los Angeles Buildings' Performance & Resiliency: Existing Buildings."
- March 2016, STRUCTURE Magazine: "The Modern Temple: Making a Historic Monument Shine."
- **2016, EERI 68th Annual Meeting:** "Moving from Ideas to Action: Public Policy for Earthquake Resilience."
- 2016, EERI Friedman Family Fellowship Visiting Professional, John Hopkins: "Real Life as a Structural Engineer."



- 2016, EERI Friedman Family Fellowship Visiting Professional, University of Southern California: "Real Life as a Structural Engineer."
- 2015, Strengthen our Cities Summit: "Vulnerable Buildings An Overview and History."

Presentations & Publications (cont.)

- 2015, American Red Cross, 31st Disaster Preparedness Academy: "Resilience by Design."
- 2015, International Code Council, Annual Business Meeting Global Forum: "Improving Community Resilience through Public-Private Partnerships: The B2B Program Strategy."
- **2015**, **DRI**: "Improving Community Resilience through Public Private Partnerships: The BORP Strategy."
- 2015, AIA Seminar: Resilience and the Historic Built Environment, "Structural Content of Mayor Garcetti's Report December 2014."
- 2015, California Preservation Foundation, Preservation
 Conference: "Post-Earthquake Assessment and Repairs of Historic Buildings."
- 2008-2015, University of Southern California, Guest Lecturer for Master of Historic Preservation Program: "The Structure of Historic Buildings."
- **2014, California Building Officials:** "Anaheim Citrus Packing House Structural Challenges."
- 2014, California Preservation Foundation, Preservation Conference: "Innovations in Structural Design and Analysis of Historic Structures."
- 2014, EERI Friedman Visiting Professional Program, Rice University: "Selecting a Structural System, and the Structure of Historic Buildings."
- 2013, Structures Congress: "Structure as Aesthetics in Sustainable Design."
- 2013, 2009, 2002, 1999 Workshop Series, California Preservation Foundation: "The Use and Application of the California Historical Building Code /Materials and Structural Provisions of the CHBC."
- Nov. 2009, Association for Preservation Technology: "The Sustainable Practice of Reusing Buildings."
- Oct. 2009, SEAOC: "The Sustainable Practice of Reusing Buildings."
- July 2009, California Preservation Foundation, Newsletter Feature: "The Role of Structural Engineers in Preservation and Sustainability."
- May 2009, US Green Building Council, Los Angeles: "The Sustainable Practice of Reusing Buildings."
- May 2009, EERI Friedman Visiting Professional Program,
 Georgia Institute of Technology: "Selecting a Structural System, and the Structure of Historic Buildings."



- May 2009, SEAONC Sustainability Committee and AIA SF Committee: "The Sustainable Practice of Reusing Buildings."
- April 2009, STRUCTURE Magazine: "Missed Opportunities in Structural Sustainability."
- Feb. 2009, US Green Building Council, Inland Empire Chapter: "The Sustainable Practice of Reusing Buildings."

Presentation and Publications (cont.)

- 2003, California Preservation Foundation, Preservation
 Conference, Mobile Workshop: "Harada House Preservation."
- 2002, California Preservation Foundation, Preservation Conference, Case Study: "Seismic Strengthening of Hotel Del Coronado.

Professional Affiliations

- Structural Engineering Institute (SEI) of American Society of Civil Engineers (ASCE): Fellow; President 2019, Board of Governors 2014-20; SEI Futures Fund Board of Directors 2013-16, Chair 2016; Vice-Chair Public Relations Committee 2005-07, Chair 2008-11; 2007 Structures Congress Steering Committee
- American Society of Civil Engineers: Fellow
- Structural Engineers Association of California (SEAOC): Fellow;
 Board of Directors 1993-95: Public Relations Committee 2003-07
- Structural Engineers Association of Southern California (SEAOSC): Honorary Member; Board of Directors 2002-2004
- Structural Engineers Association of Northern California: Board of Directors 1991-93; Chair of various committees
- NIST Federal Advisory Committee on Earthquake Hazard Reduction: Member 2021 to 2024
- Earthquake Engineering Research Institute: President 2020-2023, Initiatives Development Board 2012-2014, Board of Directors 2014-present, Vice President 2017, Southern California Chapter Charter Member
- Los Angeles Conservancy: Board of Directors 2016-2022
- Los Angeles Earthquake Technical Task Force: with Dr. Lucy Jones as advisors to Mayor Garcetti, 2014
- Pasadena Heritage: Board of Directors 2008-12, Treasurer 2009-12, Heritage Associate Member
- USC Architectural Guild: President 2006-07, Board of Directors 2002-07, Vice-President 2005-06, Life Member
- California Historical Building Safety Board: Alternate Member 2007-Present
- California Preservation Foundation: Board of Trustees 1996-2003, Treasurer 1998-2002, Member
- National Trust for Historic Preservation: Member



American Institute of Architects, Los Angeles Chapter: Affiliate