



Maria Mohammed, S.E.
Associate

Years of Experience: 12

Years with Structural Focus: 12

Education

- M.S. in Civil Engineering, University of Southern California, 2013
- B.S. in Civil Engineering, University of Southern California, 2012

Licensing & Certifications

- CA – Structural Engineer, 2019 (S6741)
- CA – Civil Engineer, 2015 (C84930)
- Safety Assessment Program Disaster Emergency Worker SAP73486

Professional Affiliations

- Structural Engineers Association of Southern California (SEAOSC): President-Elect 2024; Board of Directors 2021–23; Communications Committee Chair 2018–21; Treasurer 2023–24
- Structural Engineers Association of California (SEAOC): Board of Directors
- Earthquake Engineering Research Institute (EERI): Housner Fellow
- ACE Mentor Program

Maria joined Structural Focus in 2013 and has extensive experience working on the design of new buildings and the retrofit/renovation of historic structures and existing buildings. She has worked on significant projects at Structural Focus, including Paramount Studios, Warner Bros., John Anson Ford Amphitheatre, Chapman University, 2130 Violet Street, Google Los Angeles Headquarters, and various FivePoint Communities projects, including Great Park Neighborhoods, Irvine.

Maria traveled to Taiwan for earthquake reconnaissance following the 7.4 magnitude earthquake in Hualien in April 2024. The reconnaissance focused on observing recovery of damaged buildings—specifically, functional recovery of various building components. Data gathered during the trip will inform future building code development for earthquake design in the U.S. The trip was in collaboration with Taiwan’s National Center for Research in Earthquake Engineering (NCREE) and the New Zealand Society of Earthquake Engineers (NZSEE).

Selected Experience

- **Paramount Studios:** Seismic evaluation (subject to City of LA NDC Ordinance).
- **Paramount Studios, Post-Earthquake Program:** 20-building assessment for post-earthquake response and evaluation services.
- **Warner Bros. Ranch Lot Studios:** New design for 16 new soundstages in 4 studio buildings, plus eight office and production buildings, and one mill structure.
- **Warner Bros., Post-Earthquake Program:** 89-building assessment for post-earthquake response and evaluation services.
- **Fox Village Theater:** Seismic evaluation and upgrade of historic one-story, theater structure and two adjacent buildings for conversion into screening rooms and restaurants. Also includes a new one-story theater building.
- **John Anson Ford Amphitheatre:** Historic restoration and new building with loading dock, outdoor terrace, concessions, and offices.
- **Chapman University, Sandi Simon Center for Dance:** Historical restoration, seismic upgrade, and adaptive reuse of a 1918 industrial packing house into a modern dance studio and community center with performance spaces and classrooms.
- **Museum of Riverside:** Historic renovation, seismic evaluation and retrofit, and addition to the existing two-story, 1912 structure—a City of Riverside Landmark and is listed on both the California and the National Register of Historic Places.
- **CBRE Masonic Temple:** Historic renovation, adaptive reuse, seismic retrofit and tenant improvement of Glendale’s historic 1928, steel-framed Masonic Temple into a state-of-the art office facility, with four floors and a basement.
- **Great Park Neighborhoods:** New construction of twelve structures and renovation and adaptive reuse of a warehouse.

- **301 Ocean:** Renovation and seismic retrofit of 1950-60s, wood-frame apartment buildings, connected by a pedestrian bridge—including one, 2-story building with subterranean parking and one, 3-story building with ground-level common areas and parking garage.
- **Los Angeles County General Hospital:** Adaptive reuse of the historic hospital's 25-acre campus, consisting of the 19-story Art Deco style building and several buildings that will be evaluated and rehabilitated, turning the campus into a community-oriented space with affordable housing, medical offices, and retail shops.
- **Scripps College, NEW Residence Hall:** Three new Mediterranean-style buildings with numerous amenities and open community spaces; designed to LEED Gold Standards.
- **The Overland (formerly Redlands Chamber of Commerce):** Seismic upgrades, addition, and rehabilitation into a state-of-the-art kitchen and bar with sound system and acoustics integrated into the design finishes.
- **Pasarroyo, S. Lake Avenue (Multiple Buildings):** Seismic evaluation, retrofit, and tenant improvements of several reinforced concrete buildings.
- **444 South Flower:** Renovations and tenant improvement of creative office space for multiple tenants in 48-story DTLA office building.
- **2130 Violet Street – LA Arts District:** New, ground up Type 1A office building with nine stories plus a basement. Includes four parking levels with ground floor retail, five floors of customizable creative office space, and a rooftop deck.
- **The Bradmore Group, Redwood & Glencoe Campus:** Renovation and adaptive reuse of a six-building campus, reinvigorated for business use, consisting of single- and multi-tenant buildings.

Awards

- **Warner Bros. Ranch Lot Studios:** 2024
- **The Overland (formerly Redlands Chamber of Commerce):** 2024
- **Chapman University, Sandi Simon Center for Dance:** 2023
- **Academy Museum of Motion Pictures, May Co., now Saban Building:** 2019
- **John Anson Ford Amphitheatre:** 2016, 2019, 2020
- **CBRE Masonic Temple:** 2016, 2017

Recent Presentations

- **September 2024, Structural Engineers Association of California Convention:** "Advocacy in Service of the Public and the Profession: Embracing the Tension of "What's my Motivation?"
- **July 2024, 18th WCEE:** "Development of A Reconnaissance Date Collection Tool for Functional Recovery of Buildings"
- **January 2023, FEMA:** "Guidance of Accelerated Reoccupancy Programs", Working Group Member
- **August 2020, Façade Tectonics 2020 World Congress:** "Preserving Historic Façade: Repairs Extend Cladding Life"