



Maria Mohammed, SE
Associate

Years of Experience: 13

Years with Structural Focus: 13

Education

- MS Civil Engineering
University of Southern California, 2013
- BS 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 2025–26; President-Elect
2024–25; Treasurer 2023–24; Board of
Directors 2021–23; Communications
Committee Chair 2018–21;
- Structural Engineers Association of
California (SEAOC): Board of Directors
- Earthquake Engineering Research
Institute (EERI): Housner Fellow,
Friedman Family Visiting Professional
- National Council of Structural Engineers
Associations (NCSEA): Spokesperson
Bureau
- ACE Mentor Program

Maria Mohammed has extensive experience working on the design of new buildings and the retrofit/renovation of historic structures and existing buildings.

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:** Various projects.
- **John Anson Ford Amphitheatre:** Historic restoration and new building with loading dock, outdoor terrace, concessions, and offices.
- **Fox Village Theater:** Seismic evaluation and upgrade of historic one-story, theater structure and two adjacent buildings for conversion into screening rooms and restaurants (CA Historical Building Code and City of LA NDC Ordinance). Also includes a new one-story theater building.
- **Colorado Grand Oaks, Pasadena:** New, 6-story multi-family residential building with 214 affordable housing units (five floors) situated above one story of 109 parking spaces.
- **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.
- **Great Park Neighborhoods:** New construction of twelve structures and renovation and adaptive reuse of a warehouse.
- **Aliso Viejo Ranch:** Historic renovation to five existing buildings (barn, bunkhouse, two wooden sheds, and a metal shed) and design of new structures (barn, water tower, windmill, and outdoor education center).
- **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.
- **Southwestern Law School:** Evaluation of existing structural framing and material for multiple buildings to identify which fall under the requirements of the NDC ordinance; material testing program for the existing addition building and the parking structure.

- **Academy Museum of Motion Pictures, The Saban Building (May Co. prior):** Historic facade rehabilitation.
- **Wedbush Arroyo, Pasadena:** Tenant improvements on the 14th and 15th floors of the existing steel-framed building, including new finishes pergolas on the 15th floor roof deck.
- **444 South Flower:** Renovations and tenant improvement of creative office space for multiple tenants in 48-story DTLA office building, including exterior terrace structures.
- **2130 Violet Street – LA Arts District:** New, ground up Type 1A office building with nine stories. Includes five parking levels with ground floor as partial retail space, four floors of customizable creative office space, and a rooftop deck.

Presentations & Publications

- **September 2025, SEAOC Convention:** “How Real Buildings Recover from Real Earthquakes: Development of a Functional Recovery Post-Earthquake Questionnaire and Observations from the 2024 Taiwan Earthquake”
- **September 2025, SEAOC Convention:** “Implementation of an Accelerated Building Reoccupancy (ABR) Program following the FEMA 2055-1 Guidelines - A Case Study”
- **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 World Conference on Earthquake Engineering:** “Development of A Reconnaissance Data 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”
- **May 2019, California Preservation Foundation Conference:** “Repair of the 1938 Streamline Moderne Façades on the Saban (May Co.) Building, Los Angeles”
- **August 2019, SEAOC Convention:** “Remember the Falling Hazard of a Historic Façade!”
- **April 2018, STRUCTURE Magazine:** “A World-Class Makeover – Renovating a Hidden Treasure”