

**Michael Goeringer, AIA, LEED AP**  
**Senior Managing Architect**

**Professional Profile**

Mr. Michael Goeringer is a Senior Managing Architect in Exponent's Buildings and Structures practice. He specializes in projects dealing with architectural and construction technology. His expertise includes the design and performance of building systems and materials.

Mr. Goeringer has consulted extensively on problems associated with roofing and waterproofing systems including patio and plaza decks, exterior wall systems including windows and doors, and interior finishes including flooring. He has performed both laboratory and field water testing of window, door, and wall systems. He is knowledgeable on code compliance including life safety conformance for building egress and glazing standards, accessibility compliance, OSHA standards, building standards and has consulted on cases requiring review of an Architect's performance within the Standard of Care.

Mr. Goeringer has investigated wall systems on residential, commercial, and high-rise buildings. Wall systems investigated include brick and concrete masonry, natural stone claddings such as marble and granite, precast concrete, exterior insulation finish systems (EIFS), one-coat and three-coat cement plasters, and hardboard, wood and vinyl siding. He has also investigated the waterproof integrity and performance of joint sealants within these wall systems and at plaza and patio decks. He is certified with The Association of the Wall and Ceiling Industries as an EIFS industry professional.

Mr. Goeringer has performed numerous investigations of both steep and low-slope roof systems including built-up and single-ply roofing, architectural and structural standing seam systems, asphalt shingles, metal shingles, cement fiber shakes, wood shingle and shake, and concrete and clay tile. He has conducted pre- and post-construction surveys of buildings in the vicinity of excavations and such construction activities as dewatering, underpinning, deep dynamic compaction, pile driving, and heavy construction traffic. Other investigations include building condition assessments of structures following the 1994 Northridge and 2006 Hawaii earthquakes.

Prior to joining Exponent, Mr. Goeringer worked at an Architectural/Engineering firm where he managed projects dealing with roof replacement, renovation of commercial facilities, asbestos abatement, health and life safety, and design of new commercial structures. As a Graduate Research Assistant at the University of Illinois's Building Research Council, he worked on the "Get the Lead Out" lead-based paint program for HUD.

## **Academic Credentials and Professional Honors**

M.Arch., Architecture, and M.S., Civil Engineering, Construction Management Joint Degree Program, University of Illinois (high honors), 1998  
B.S., Advanced Technical Studies, Southern Illinois University (Dean's List), 1995  
A.A.S., Architectural Technology, Southern Illinois University (Dean's List), 1993

## **Licenses and Certifications**

Licensed Architect, California, #C31971  
Licensed Architect, Nevada, #6050  
Licensed Architect, Oregon, #5532  
Licensed Architect, Washington, #9706  
Licensed Architect, Colorado, #ARC-401814  
Licensed Architect, Illinois, #001.020682  
Licensed Architect, Hawaii, #AR 13544  
Licensed Architect, Arizona, #49995  
Licensed Architect, North Dakota, #2038

National Council of Architectural Registration Boards, Certification #64571

Certified Volunteer for Post-Earthquake Safety Evaluation of Buildings (ATC-20)

U.S. Green Building Council, Leadership in Energy and Environmental Design Accredited Professional, LEED AP, 2009

## **Publications**

Wolf J, Goeringer M, Maino A. Evaluation of three-coat stucco installations on commercial buildings. Proceedings, 2011 Architectural Engineering National Conference. Building Integration Solutions. Oakland, CA, March 30–April 2, 2011. Published by The Architectural Engineering Institute (AEI) of the American Society of Civil Engineers.

## **Presentations**

Goeringer M. Evaluation of three-coat stucco installations on commercial buildings. 2011 Architectural Engineering National Conference. Building Integration Solutions, Oakland, CA, March 31, 2011. Sponsored by The Architectural Engineering Institute (AEI) of the American Society of Civil Engineers.

Goeringer M. Roofing systems analysis. How well do you know your roof? WDTL 2009 Annual Construction Law Conference, Seattle, Washington, February 26, 2009. Also at OADC 2009 Annual Construction Law Conference, Portland, Oregon, March 20, 2009.

Goeringer M. Defending the roofing subcontractor. WDTL 2008 Annual Construction Law Conference, Seattle, WA, May 30, 2008.

Goeringer M. Unbelievable computer simulations of failure analysis investigations. Engineering and technology for a new millennium. McCaffrey Center Theater, University of Pacific School of Engineering Public Lecture Series, Stockton, CA. November 4, 1999.

### **Professional Affiliations**

- American Institute of Architects (member)
- Construction Specification Institute (member)