



Northern California Chapter Earthquake Engineering Research Institute

Candidate Biographies & Statements *2013 Election*

For the Position of President-Elect:

Betsy Mathieson

Elizabeth (Betsy) Mathieson is an engineering geologist and a Senior Managing Scientist in the Oakland office of Exponent Failure Analysis Associates where she specializes in investigations of damage caused by landslides, earthquake fault rupture, liquefaction, and other types of ground movement. Betsy is a licensed Professional Geologist and Certified Engineering Geologist in California and is licensed in six other states in the Cascadia Subduction Zone, the Intermountain Seismic Belt, and the New Madrid Seismic Zone. She has an A.B. in Geological Sciences from Harvard University and an M.S. in Engineering Geology from Stanford University. Always taking a big-picture, multi-disciplinary view, Betsy wrote her undergraduate thesis on “Influence of Geologic Conditions on Building Foundation Engineering in Boston, Massachusetts.” While conducting the field work for her graduate thesis, “Late Quaternary Activity of the Madison Range Fault Along its 1959 Rupture Trace, Madison County, Montana,” Betsy camped just downstream from Earthquake Lake, which was created when the Hebgen Lake Earthquake triggered a rockslide that dammed the Madison River.

Betsy served for four years as the geologist member of California’s Alfred E. Alquist Seismic Safety Commission and three terms as chairperson of the Enforcement Oversight Committee of the former California Board for Geologists and Geophysicists. She currently serves as a Subject Matter Expert for the Examination Development Unit of the California Board for Professional Engineers, Land Surveyors, and Geologists. Before moving to her current hometown of Alameda, Betsy served on the San Jose Historic Landmarks Commission. Betsy and her geologist husband have renovated two Victorian houses with high cripple walls, learning first-hand how wood-frame structures are built, deteriorate, and are repaired. She is an ardent crusader in the effort to educate Bay Area residents that even modern building codes do not create earthquake-proof buildings and the 1989 Loma Prieta Earthquake was not “The Big One.”

Betsy would like to put her engineering geologic expertise, practical experience, and community interests to work on advancing the elements of the EERI Northern California Chapter's strategic plan. Her first priority will be to maintain and recruit members, particularly students and young professionals who may offer fresh insights into improving risk-reduction communication activities. As a long-time resident of historic downtown neighborhoods, Betsy recognizes that some of northern California's most seismically vulnerable buildings and neighborhoods house some of our greatest population densities, including many residents who are least able to fend for themselves in a disaster. Betsy believes her background makes her strongly suited to being a liaison between technical experts and laypeople in the Chapter's Adopt-a-City program and other community risk-reduction activities.

For the Position of Secretary/Treasurer:

Marko Schotanus (incumbent)

Marko Schotanus, PhD, SE, LEED AP is a Associate with Rutherford & Chekene Structural and Geotechnical Engineers in San Francisco. He has worked on a variety of building projects, with a focus on seismic assessment and retrofit design of existing buildings.

Marko is an advocate for seismic risk reduction, and expresses this through his involvement in development of commentaries and standards for the evaluation and retrofit of existing buildings. He volunteers in many professional organizations, including EERI, ASCE and SEAONC.

Marko served as a Chapter Director from 2009 to 2011, and now finishes a two year term as secretary/treasurer. As a treasurer, he lead the development of a financial policy and an operating reserves policy, and helped assure the Chapter's sound financial condition. As a member of the NCC board, Marko has also had a leadership role in the Albany Adopt-a-City program.

Marko looks forward to this opportunity to continue serving the Chapter, and provide for continuity in Chapter operations. His main goals for the coming two years are a successful completion of the Albany Adopt-a-City program, growing the Chapter member base, and developing special outreach initiatives that help create public awareness of seismic risk.

For the Position of Director At Large:

Tom Anderson

Thomas Anderson, BSME, MBA is co-owner of Anderson-Niswander Seismic Retrofit, a General Engineering Contractor specializing in bay area retrofit work since 1989. Currently his firm has under construction one of the first 34B retrofits. He has served on the technical advisory committee of CAPSS, on the ABAG Earthquake and Hazards Program, Plan Set A committee and consulted for ATC/FEMA on contractor training. Tom holds a Bachelor's degree in Mechanical Engineering from Northeastern and an MBA in International Business from Columbia. Prior to his construction career in California he was with the international divisions of the American Locomotive Company and General Electric managing overseas operations. He brings a unique street view from his 24 years of seismic retrofit work on residential structures, tuck-unders, tilt-ups and apartment buildings throughout the Bay Area.

Jeff Bond

Jeff Bond currently serves as the Director of the Community Development Department with the City of Albany, California. The Department is responsible for land use policy initiatives, planning application review, and building permits and inspection functions. In addition, the department manages transportation, environmental, and waterfront policy initiatives for the City. He also serves as the City's building official and collaborates closely with the City's police and fire departments on code compliance and emergency planning and operations. Prior to joining the City of Albany, Jeff worked with the Facility Services Department at UC Berkeley involved in campus planning and real estate. He also worked for the City of Alameda for a number of years as development manager responsible for a variety of redevelopment projects including reuse of US Navy property. Early in his career, he worked for several of land use related consulting firms, an economic development non-profit organization, and as a staff person in the California State Legislature.

Jeff has been involved with variety of professional organizations, most recently working with the Earthquake Engineering Research Institute's Adopt-a-City Initiative. He also has a particular interest in engaging high school and college students in local government and land use policy.

Jeff received a master's degree in economics from UC Davis in 1988 and a bachelor's degree in economics from UC San Diego in 1985.

Gerry Brady

Gerald Brady is now retired after 20 years at the USGS, with its strong ground motion group, and seven years with ATC on projects enhancing structural engineering seismic design. Some years ago Gerry was on the EERI Board of Directors, and he has been on editing teams of the EERI *Newsletter* since its 8-page format started. He keeps current in earthquake engineering any way he can, including attendance at EERI technical gatherings in the Bay Area.

Gerry looks forward to adding his perspective to the EERI-NC Board deliberations and would enjoy it.

Laurence Kornfield (incumbent)

Laurence Kornfield works with San Francisco's Earthquake Safety Implementation Program (ESIP) at the new EPICENTER to implement the recommendations of the Community Action Plan for Seismic Safety (CAPSS). He worked in San Francisco's Department of Building Inspection, and has been active in earthquake hazard mitigation, response and recovery since the Loma Prieta earthquake in 1989.

Laurence is particularly interested in addressing the public policy issues related to community resilience. He is married to Catherine Bauman, a former City Planner.