



**Northern California Chapter
Earthquake Engineering Research Institute**

**Candidate Biographies & Statements
2018 Election**

For the Position of Director At Large:

Anne McLeod-Husley

Anne Hulseley performs earthquake engineering research in order to support communities as they develop resilience strategies. She believes that public policy is the best venue for establishing community goals and that engineering research is indispensable to these endeavors. Most recently, Anne was part of the ATC project team for San Francisco's Tall Buildings Study.

Anne is honored by the opportunity to join the EERI Northern California Chapter Board. She has previously served on the leadership team for two university chapters of EERI and participates in EERI's Public Policy and Advocacy Committee. Anne is currently a PhD candidate in structural engineering at Stanford University, studying how potential damage to individual buildings can influence the broader neighborhood (and vice versa). Anne also has a Master of Public Affairs, an M.S. in Civil Engineering, and a B.A. in Humanities from the University of Texas.

Bruce Maison

I am running for the position of Director to help continue the success of the EERI Northern California Chapter in promoting ways to mitigate earthquake effects on society. I believe that the multi-disciplinary approach advocated by EERI best serves this critical need. If elected, I look forward to working with the other Board members from the various communities to guide the Chapter toward this mission.

I am presently a consulting engineer in El Cerrito, and registered as a Structural Engineer in California. I have over 30 years experience in earthquake engineering having worked at major water utility as well as consulting engineering firms. My background includes overseeing capital projects for seismic upgrades to water lifeline systems; executing seismic designs for homes and buildings; and performing system qualifications for nuclear power plants. My experience provides a broad understanding of earthquake design, construction, and mitigation.

I am an active participant on the SEAONC Existing Buildings Committee and have received the SEAONC Edwin Zacker Award for outstanding service to the structural engineering profession. My interests include structural dynamics as it relates to performance-based engineering, and I am a past recipient of the EERI Professional Fellowship to study with researchers at the E-Defense shake table in Japan. As a frequent contributor to the EERI *Earthquake Spectra* journal, I have received the EERI Outstanding Paper Award. I am also an active participant on the ASCE committee responsible for revisions to the ASCE/SEI 41 standard, *Seismic Evaluation and Retrofit of Existing Buildings*.

My education includes a B.S. in Civil Engineering from the University of Illinois, and a M.S. in Structural Engineering from the University of California.

Rob Olshansky

Robert Olshansky, Ph.D., FAICP, recently retired from the Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign, where he taught land use and environmental planning for 28 years.

He has studied recovery planning and management after major disasters, including the Northridge and Kobe earthquakes, Hurricane Katrina in New Orleans, Wenchuan earthquake, Great East Japan Earthquake and Tsunami, as well as disasters in India, Indonesia, Taiwan, and others. He spent the 2004-05 and 2012-13 academic years as a Visiting Professor at the Disaster Prevention Research Institute at Kyoto University. He has co-authored two books on disaster recovery, with Laurie Johnson: *Clear as Mud: Planning for the Rebuilding of New Orleans* (APA Press, 2010), and *After Great Disasters: An In-depth Analysis of How Six Countries Managed Community Recovery* (Lincoln Institute, 2017). He has also published on landslide policy, hillside development planning, seismic hazard mitigation policy, and environmental impact assessment. He continues to have an active research agenda, currently focusing on the process of community relocation in response to natural hazards in scores of cases in North America and Asia.

A member of EERI for over 30 years, he has previously served as Chair of the Public Policy Committee, participated in EERI's post-earthquake reconnaissance in Haiti, and co-edited the Nepal special issue of *Earthquake Spectra*, as well as other service roles. He is currently a member of the Learning from Earthquakes Committee and co-chair of the Resilience Panel. He values the interdisciplinary, policy-oriented focus of EERI and is looking forward to participating in resilience initiatives here in northern California.

Olshansky has a BS degree in geology from Caltech, and MCP and PhD degrees in city planning and environmental planning from UC Berkeley. Prior to his academic career, he managed a geotechnical engineering firm in the San Francisco Bay area and worked with an environmental research institute in Anchorage, Alaska.

For the Position of Secretary/Treasurer:

Volkan Sevilgen

Volkan Sevilgen is the Co-Founder and CTO of Temblor, Inc. Temblor, Inc. (temblor.net) is a Silicon Valley tech company building globally uniform seismic hazard and site amplification models that calculate seismic risk reduction benefits. For structural engineering companies and their clients, Temblor provides the Earthquake Score, as well as probabilistic and scenario earthquake losses, and retrofit benefits, for individual residential and commercial buildings that incorporate enhanced damage in landslide, liquefaction, and fault zones.

Volkan received an M.Sc. in Geophysical Engineering from Istanbul Technical University (ITU) in 2006 following a B.Sc. from ITU in 2003. He worked at the USGS, Menlo Park between 2006 - 2014, where he co-authored, developed and taught the Coulomb 3 earthquake stress and deformation software, and managed a four-year probabilistic seismic hazard assessment for the Balkan countries funded by USAID's Office of Foreign Disaster Assistance. His studies on earthquake hazard and Coulomb stress interaction were published by Nature, the Proceedings of the National Academy of Sciences, and other distinguished geophysics and seismology journals. He is a member of AGU and the EERI Northern California Chapter.