



SUMMARY OF QUALIFICATIONS

Experienced product and project manager with expertise in structural engineering, probabilistic seismic risk analysis, and site-specific seismic evaluation and strengthening. Demonstrated ability to lead multidisciplinary teams in the successful execution of complex projects. Participated in post-earthquake investigations following the 2011 Christchurch, New Zealand, 2014 South Napa, California, 2016 Muisne, Ecuador, and 2017 Puebla, Mexico earthquakes. Extensive public speaking, writing, and editing experience.

PROFESSIONAL EXPERIENCE – PROJECT MANAGEMENT & ENGINEERING

Applied Technology Council, Redwood City, California, 2018-present

Director of Projects – Responsible for project management, oversight, and quality control during the development of ATC projects and publications.

Risk Management Solutions, Newark, California, 2014-2018

Senior Product Manager – Responsible for the commercial success of catastrophe earthquake models for Canada, Latin America and the Caribbean, generating more than \$18 million in annual revenue.

Oversaw go-to-market activities, including delivering client briefings/trainings, developing sales and marketing collateral, and providing internal training for client-facing teams.

GeoHazards International, Menlo Park, California, 2010-2014

Project Manager – Responsible for project management, oversight, and quality control during the development of GHI projects and publications. Led GHI's Haiti operations, helped establish offices and hire staff in the country, and supervised a team of seven.

Degenkolb Engineers, San Francisco, California, 1999-2002

Designer – Designed structural systems for new buildings. Conducted detailed seismic assessments of and designed retrofit schemes for of existing buildings.

PROFESSIONAL EXPERIENCE – WRITING & EDITING

Red Herring, Belmont, California, 2007-2009

Technology Reporter – Led the publication's reporting on clean technology, renewable energy policy, and green building.

IRIN, Ghana, West Africa, 2006-2007

Correspondent – Reported on environmental, human rights, and urban development topics in Ghana.

Journalists for Human Rights, Ghana, West Africa, 2005-2006

Journalist Trainer and Reporter – Reported on environmental, human rights, and urban development topics for a national, daily Ghanaian newspaper and helped train journalists.

GEM Magazine, Geneva, Switzerland, 2002-2005

Production Manager and Editor – Responsible for managing the monthly production cycle, including coordination of more than a dozen full- and part-time contributors. Wrote and edited articles.

EDUCATION AND TRAINING

Postgraduate Diploma in Journalism, London School of Journalism, 2005

M.Eng., University of California, Berkeley, 1999

B.S., University of California, San Diego, 1997

REGISTRATIONS

California Civil Engineer, 2002, License No. C 63757

AWARDS

Mary Fran Myers scholarship award winner for 2012, Natural Hazards Center, University of Colorado at Boulder

PROFESSIONAL AFFILIATIONS

Earthquake Engineering Research Institute

Member 2008-present

Board of Director for Northern California Chapter (2009-2011)

Structural Engineers Association of Northern California

Member 2018-present

SELECTED PUBLICATIONS

Published Papers, Articles, and Reports

“Puebla Earthquake: New Insights from RMS Reconnaissance,” *RMS Blog*, Risk Management Solutions, Newark, California, November 13, 2017.

September 19, 2017: Mw7.1 Puebla, Mexico Earthquake, Reconnaissance Report, Risk Management Solutions, Newark, California, November 10, 2017. Co-author with M. Bussmann, L. Eads, and A. Rodriguez.

“Puebla Earthquake: Echoes of Michoacan,” *RMS Blog*, Risk Management Solutions, Newark, California, September 25, 2017.

“Shifting Landscapes,” *Canadian Underwriter*, September 5, 2017.

“Searching for Clues after the Ecuador Earthquake,” *RMS Blog*, Risk Management Solutions, Newark, California, August 1, 2016.

April 2016: Esmeraldas, Ecuador Earthquake Mw7.8, Reconnaissance Report, Risk Management Solutions, Newark, California, May 18, 2016. Co-author with M. Bussmann and A. Rodriguez.

“San Andreas—the Scientific Reality,” *RMS blog*, Risk Management Solutions, Newark, California, May 29, 2015.

“Strengthening Quake Preparedness,” *Canadian Underwriter*, July 1, 2014.

Canada Earthquake Risk: Is the Canadian Insurance Industry Adequately Prepared?, Risk Management Solutions, Newark, California, July 2014.

“The Way Forward,” *Natural Hazards Observer*, Vol. XXXVII, No. 3, January 2013. Co-author with L. Peek.

Understanding GEM’s Potential Beneficiaries, GeoHazards International, Menlo Park, California, June 2012. Co-author with L. Peek.

“Road Map to Resiliency,” *San Francisco Business Times*, Nov. 7, 2008. Co-author with C. Poland.

Verbal Presentations (Unpublished)

South America Earthquake Models Update, RMS Exceedance Conference, Miami, Florida, April 2018.
Economic and Insured Seismic Risk in Eastern Canada, CatIQ Canadian Catastrophe Conference, Ottawa, Canada, February 1, 2018.

RMS US Earthquake Version 17, Aon Analytics Insights Conference, Chicago, Illinois, July 20, 2017.
Caribbean and Latin America Modeling and Data Products: Version 17 and Beyond, RMS Exceedance Conference, New Orleans, Louisiana, March 20, 2017. Co-presented with E. Bellone and J. Byk.

2017 RMS Canada Earthquake Model—New View of Seismic Risk, CatIQ Canadian Catastrophe Conference, Toronto, Canada, February 2, 2017.

North America Earthquake Models Update, Chubb Cat Summit, Philadelphia, Pennsylvania, October 26, 2016.

Using Legal Action to Improve Earthquake Safety, panel moderator, Earthquake Engineering Research Institute Annual Meeting, San Francisco, California, April 6, 2016.

Flexibility in Risk Modeling Capabilities, RMS Exceedance Conference, Miami, Florida, May 17, 2016. Co-presented with T. Sabbatelli.

Latin America Risk Models and Methodologies, RMS Exceedance Conference, Miami, Florida, April 28, 2015. Co-presented with J. Taylor.

Ensuring Success in Latin America's Models—Future Advancements, RMS Exceedance Conference, Miami, Florida, April 28, 2015. Co-presented with J. Taylor.