Gokhan Pekcan

a. Professional Preparation

- Boğaziçi University, Istanbul, Turkey, Bachelors of Science in Civil Engineering, June 1990
- State University of New York at Buffalo, MSc/PhD in Civil Engineering, June 1992/1998
- State University of New York at Buffalo, MCEER, Post Doc, Highway/Bridges, July 1998-Aug 1999

b. Appointments

- Associate Professor, Civil and Environmental Engineering Department, University of Nevada, Reno, July 2010 to present.
- Assistant Professor, Civil and Environmental Engineering Department, University of Nevada, Reno, July 2004 to June 2010.
- Research Assistant Professor and Laboratory Research Engineer, Civil Engineering Department, University of Nevada, Reno, November 2000 to June 2004.
- Interim Senior Program Officer, Multidisciplinary Center for Earthquake Engineering, Buffalo, New York, September 1999 to October 2000.
- Post Doctoral Research Associate, Department of Civil, Structural and Environmental Engineering, State University of New York at Buffalo, July 1998 to August 1999.
- Research Assistant and Lecturer, Department of Civil, Structural and Environmental Engineering, State University of New York at Buffalo, February 1995 to June 1998.

c. Products

- Amirihormozaki, E., Pekcan, G., Itani, A. (2015). "Analytical Modeling of Horizontally Curved Steel Girder Highway Bridges for Seismic Analysis," Journal of Earthquake Engineering, Taylor and Francis, 19(2), 220-248.
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- Monzon, E., Itani, A., Pekcan, G. (2015). Seismic Behavior and Design of Steel Girder Bridges with Integral Abutments," Journal of Bridge Structures – Assessment, Design and Construction, 10(4), 117-128.
- Pekcan, G., Itani, A., Linke, C. (2013). Design of Special Truss Moment Frame Details for Improved Seismic Resilience. Journal of Constructional Steel Research, 94, 23-32.
- Abdel-Mohti, A., Pekcan, G. (2013). Effect of Skew Angle on the Seismic Vulnerability of Box-Girder Highway Bridges. International Journal of Structural Stability and Dynamics (IJSSD), 13(6).
- Wieser, J., Pekcan, G., Zaghi, A. E., Itani, A., Maragakis, E. A. (2013). Floor Accelerations in Yielding SMRF Structures. Earthquake Spectra, EERI, 29(3), 987-1002.
- Soroushian, S., Zaghi, A. E., Maragakis, E. A., Pekcan, G., Itani, A., Rahmanishamsi, E. (2013). Development of Shake Table Motions for System-Level Full-Scale Seismic Evaluation of Drift-Sensitive Nonstructural Systems. Proceedings of the 2013 ASCE Structures Congress.
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- Miranda, E., Mosqueda, G., Retamales, R., Pekcan, G. (2012). Performance of Nonstructural Components during the February 27, 2010 Chile Earthquake. Earthquake Spectra, EERI.
- Pekcan, G. Modelling of Bridges for Inelastic Analysis. In Andreas J. Kappos, M. Saiid Saiidi, M. Nuray Aydnolu, Tatjana Isakovic (Ed.), Seismic Design and Assessment of Bridges: Inelastic Methods of Analysis and Case Studies (Geotechnical, Geological and Earthquake Engineering), Springer, 2012.
- Maragakis, E. A., Zaghi, A. E., Itani, A., Pekcan, G., Soroushian, S., Wieser, J. (2011). Simulation of the Seismic Performance of Nonstructural Systems: Development of a Large Scale Test-Bed Structure. Atlanta, Georgia: Proceedings of 2011 NSF Engineering Research and Innovation Conference.
- Maragakis, E. A., Zaghi, A. E., Siyavash, S., Itani, A., Pekcan, G., Joseph, W. (2011). Development of a Large-Scale Test Bed for the Simulation of the Seismic Performance of Nonstructural Systems. Leuven: Eight International Conference on Structural Dynamics EURODYN 2011.
- Siyavash, S., Zaghi, A. E., Joseph, W., Maragakis, E. A., Pekcan, G., Itani, A. (2011). Seismic Analysis of Fire Sprinkler Systems. Leuven: Eight International Conference on Structural Dynamics EURODYN 2011.
- Sorooshian, S., Maragakis, E. A., Itani, A., Pekcan, G., Zaghi, A. E. (2011). Design of a Test Bed Structure for Shake Table Simulation of the Seismic Performance of Nonstructural Systems. ASCE Structures Congress
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- Pekcan, G., Mander, J.B., and Chen, S.S., (2000), "Balancing Lateral Loads Using a Tendon-Based Supplemental Damping System," Journal of Structural Engineering, ASCE, 126(8), 896-907.
- Pekcan, G., Mander, J.B., and Chen, S.S., (2000), "Experiments on a Steel MRF Building with a Supplementary Tendon System," Journal of Structural Engineering, ASCE, 126(4), 437-444.
- Pekcan, G., Mander, J.B., and Chen, S.S., (1999), "Fundamental Considerations for the Design of Nonlinear Viscous Dampers," Earthquake Engineering and Structural Dynamics, 28(11), 1405-1425.

d. Synergistic Activities

- Organized and conducted experiments on two full-scale isolated slab-on-girder highway bridges in Buffalo, New York and on North Grand Island Bridge (steel deck-truss) in Niagara Falls, New York.
- Lead contributor, ASCE subcommittee on Experimental Methods in Earthquake Engineering Advanced testing methods in earthquake engineering research session.
- Contributor to ATC-58 - Interim Shake Table Test Protocol For Quantifying Seismic Fragility of Motion-Sensitive Nonstructural Components.
- NEES Site and Project Manager at the University of Nevada, Reno – Development of Telepresence functions and infrastructure for remote participation and research collaboration.
- Instructor of record for course offered through the College of Extended Studies on the development of curriculum and teaching modules with engineering content for K7-9 students and teachers.