

## **William Siembieda**

**William Siembieda** is tenured full Professor of City and Regional Planning at California Polytechnic State University, San Luis Obispo, and founding director of the College of Architecture and Environmental Design's Resilient Communities Research Institute (RCRI). Dr. Siembieda holds a Ph.D. in Urban Planning from the University of California, Los Angeles, a Master of City and Regional Planning degree and an Economics B.A. from the University of California, Berkeley. He has held academic appointments at the University of New Mexico and the University of California-San Diego.

Siembieda applies urban planning principles to the study of resiliency, risk reduction and hazard mitigation; and a policy focus on how to best integrate complex actions in the management of resilient and safe urban places.

His work appears in a range of peer reviewed journals including: The Journal of Disaster Research, Journal of the American Planning Association, the International Journal of Mass Emergencies and Disasters, the International Journal of Disaster Risk Science Research, Journal of Integrated Risk Management, the U.S. Geological Survey Open-File Report, and Earthquake Spectra. Professional publications include the Asian Development Bank Report Series, Planning, The World Bank's Learning from Mega Disasters series, and the Natural Hazards Observer.

His professional practice efforts related to hazard and risk reduction are transnational. Examples include being a subject matter expert to the World Bank, the Asian Development Bank, the Chilean National Center for Integrated Management of Disaster Risk, New Zealand's Joint Center for Disaster Research, the Prevention and Preparedness Plan for the Federal District of Caracas (with JICA), the State of California Multi-Hazard Mitigation Plan and the State of California Adaptation Planning Guide.

Among his academic honors are: Fulbright Research Fellow to Mexico, a Japanese Society for the Promotion of Science Fellowship, and visiting research professor appointments at Kyoto's University's Disaster Reduction Systems Center, Japan; Joint Center for Disaster Research, Massey University, New Zealand and the national Chilean Center for Integrated Management of Disaster Risk award for contribution to the advancement of *Disaster Science* in Chile.

## Brief list of risk and hazard publications

“The Role of Building Codes and Planning Systems in Reducing Earthquake Risk in Chile. *In Reducing Disaster Risk by Managing Urban Land Use: Guidance Notes for Planners*. (2016). Manila: Asian Development Bank.

“Facing Japan’s Mega-Disaster Challenges” authored with Haruo Hayashi. In Baldwin, F, and A. Allison (eds). *Japan: The Precarious Future*. New York: Social Science Research Council: *NYU Press* (2015).

“Adapting Policy Following Cascading Natural Hazards: Case Study of Christchurch, New Zealand” (2015) Conference Special Issue. Siembieda, W., Teasley, R. L., and L. Wotherspoon. *Journal of Integrated Disaster Risk Management*,

“Adaptation to Seismic Risk and Climate Change: San Francisco and Berkeley, CA.” In *Adapting to Climate Change: Lessons from Natural Hazards Planning*. Glavovic, B and G. Smith (eds.). Beijing: Springer Publications (2014).

“The role of the built environment in the recovery of cities and communities from extreme events.” (2012). Alesch, D. and W. Siembieda. *International Journal of Mass Emergencies and Disasters*, 32(2), 197-211.

“Rebuild Fast but Rebuild Better: Chile’s Initial Recovery Following the 27F Earthquake and Tsunami.” (2012) Siembieda, W., L.Z. Johnson and G. Franco. *Earthquake Spectra*. Journal of the Earthquake Engineering Research Institute, 28(S1), 621-442.

“Transactions and Friction as Concepts to Guide Disaster Recovery Policy.” (2012) *International Journal of Disaster Risk Science*, 3(1), 38-44.

U.S. Geological Survey. 2011. *Overview of the ARkStorm scenario*. U.S. Geological Survey Open-File Report 2010-1312, 183 p. and appendixes, Policy chapter. Authors: Johnson, L., Topping K., Siembieda W. and C. Eadie. Circular 1324. (<http://pubs.usgs.gov/of/2010/1312/>).

“Lowering Vulnerability Through the Asset-Access-Time Method.” (2010) *Journal of Disaster Research*, 5(2), 180-186.

“Post-Disaster Assessment of the Performance of Hazard Mitigation Projects: The California SMART Approach.” Boswell, W. Siembieda, W. & Topping, K.C. *Journal of Disaster Research*, 5(2), 172-179.

“Recovery from Disasters: Challenges for Low Income Communities in the Americas.” 2005. In S.J. Mandelbaum, S.J. and L. Albrechts (eds). *The Network Society: A New Context for Planning*. London: Routledge (pp. 197-211).

*Multi-Hazard Mitigation Plan for 2013*. California Emergency Management Agency (Cal EMA), Mitigation Division, State of California. Co-principal investigator with David Conn, Ken Topping and Michael Boswell.