## ECA Step 5 Webinar References

## Evidence for Protective Action Guidance

- Applied Technology Council. (2009). Unreinforced Masonry Buildings and Earthquakes: Developing Successful Risk Reduction Programs (FEMA P-774). Redwood City, California: US Department of Homeland Security, Federal Emergency Management Agency. Retrieved from <u>http://www.fema.gov/media-library-data/20130726-1728-25045-2959/femap774.pdf</u>
- Archea, J. (1990). The behavior of people in dwellings during the Loma Prieta, California, earthquake of October 17, 1989. *National Center for Earthquake Engineering Research Bulletin, 4*, 8-9.
- Ardagh, M. W., Richardson, S. K., Robinson, V., Than, M., Gee, P., Henderson, S., . . . Schroeder, P. P. (2012). The initial health-system response to the earthquake in Christchurch, New Zealand, in February, 2011. *The Lancet*, *379*(9831), 2109-2115.
- Armenian, H. K., Noji, E. K., & Oganesian, A. P. (1992). A case-control study of injuries arising from the earthquake in Armenia, 1988. *Bulletin of the World Health Organization, 70*(2), 251-257.
- Aroni, S., & Durkin, M. E. (1985). *Injuries and occupant behavior in earthquakes.* Paper presented at the the joint US-Romanian seminar on earthquakes and energy, Bucharest, Romania.
- Atwater, B. F. (1999). Surviving a tsunami: Lessons from Chile, Hawaii, and Japan. US *Geological Survey Circular, 1187*.
- Chock, G. Y. K. (2016). Design for tsunami loads and effects in the ASCE 7-16 standard. *Journal of Structural Engineering, 142*(11).
- Coburn, A., Pomonis, A., & Sakai, S. (1989). *Assessing strategies to reduce fatalities in earthquakes*. Paper presented at the International Workshop on Earthquake Injury Epidemiology, Baltimore, MD.
- De Bruycker, M., Greco, D., Lechat, M. F., Annino, I., De Ruggiero, N., & Triassi, M. (1985). The 1980 earthquake in Southern Italy—Morbidity and mortality. *International Journal of Epidemiology*, *14*(1), 113-117.
- Dedeoglu, N., Erengin, H., & Pala, K. (2000). Risk factors for death, injury and entrapment in 17 August 1999 earthquake of Gölcük. *Community and Physician*, *15*(1), 2-9.
- Earthquake Country Alliance. (2016). *Recommended Earthquake Safety Actions*. Retrieved from <u>https://www.earthquakecountry.org/downloads/ShakeOut\_Recommended\_Earthquake\_Safety\_Actions.pdf</u>
- Earthquake Country Alliance. (2017a). How to Protect Youself During an Earthquake. Retrieved from <a href="http://www.earthquakecountry.org/dropcoverholdon/">http://www.earthquakecountry.org/dropcoverholdon/</a>

- Earthquake Country Alliance. (2017b). *Key Earthquake Safety Tips for People with Disabilities* and Others with Access and Functional Needs. Retrieved from <u>https://www.earthquakecountry.org/downloads/ShakeOut\_Earthquake\_Tips\_Disabilities</u> \_AFN.pdf
- Earthquake Country Alliance. (2017c). Resources for People with Disabilities. Retrieved from <u>http://www.earthquakecountry.org/disability/</u>
- Earthquake Country Alliance. (2017d). *Staying Safe when the Earth Shakes: Statewide Edition*. Los Angeles: Earthquake Country Alliance. Retrieved from <u>https://www.earthquakecountry.org/library/StayingSafeWhereTheEarthShakes\_StatewideEdition.pdf</u>
- FEMA. (2016, November 15). Protective action validation report: Research review of natural hazard guidance for the public (Draft for Comment, Version 1). Washington, DC.
- Frankie, T. M., Gencturk, B., & Elnashai, A. S. (2012). Simulation-based fragility relationships for unreinforced masonry buildings. *Journal of Structural Engineering*, *139*(3), 400-410.
- Fraser, S., Leonard, G. S., Murakami, H., & Matsuo, I. (2012). Tsunami vertical evacuation buildings—Lessons for international preparedness following the 2011 Great East Japan tsunami. *Journal of Disaster Research, 7*(Sp), 446-457.
- GeoHazards International. (2015a). Background Papers and Supplementary Technical Information, Part of the Project: Developing messages for protective actions to take during earthquake shaking. Menlo Park, CA: Author. Retrieved from <u>http://www.geohaz.org/background-papers-and-supplementary-tech</u>
- GeoHazards International. (2015b, June 2015). Developing messages for protective actions to take during earthquake shaking. Retrieved from
- Glasser, R., & Guha-Sapir, D. (2016). *Povery & death: Disaster mortality 1996-2015*. Brussels, Belgium: Center for Research on the Epidemiology of Disasters (CRED) and the United Nations Office for Disaster Risk Reduction. Retrieved from <u>https://www.unisdr.org/we/inform/publications/50589</u>
- Goltz, J. D., Russell, L. A., & Bourque, L. B. (1992). Initial behavioral response to a rapid onset disaster: A case study of the October 1, 1987, Whittier Narrows earthquake. *International Journal of Mass Emergencies and Disasters, 10*(1), 43-69.
- Government of Canada. (2015). Earthquakes What to Do? Retrieved from <u>https://www.getprepared.gc.ca/cnt/rsrcs/pblctns/rthqks-wtd/index-en.aspx</u>
- Guha-Sapir, D., Vos, F., & Below, R. (with Ponserre, S.). (2011). *Annual disaster statistical* review 2011: The numbers and trends. Brussels: CRED. Retrieved from <u>http://www.cred.be/sites/default/files/ADSR\_2011.pdf</u>
- Hogg, S. J. (1980). Reconstruction following seismic disaster in Venzone, Friuli. *Disasters, 4*(2), 173-185. doi:10.1111/j.1467-7717.1980.tb00271.x

- Johnston, D., Standring, S., Ronan, K., Lindell, M., Wilson, T., Cousins, J., . . . Bissell, R. (2014). The 2010/2011 Canterbury earthquakes: Context and cause of injury. *Natural Hazards*, *73*(2), 627-637. doi:10.1007/s11069-014-1094-7
- Lechat, M. F. (1989, July). *Corporal damage as related to building structure and design: The need for an international survey.* Paper presented at the International Workshop on Earthquake Injury Epidemiology for Mitigation and Response, Baltimore, MD.
- Lynett, P. J., Borrero, J., Son, S., Wilson, R., & Miller, K. (2014). Assessment of the tsunami induced current hazard. *Geophysical Research Letters*, *41*(6), 2048-2055.
- Lynett, P. J., Borrero, J. C., Weiss, R., Son, S., Greer, D., & Renteria, W. (2012). Observations and modeling of tsunami-induced currents in ports and harbors. *Earth and Planetary Science Letters*, *327*, 68-74.
- Mahoney, M. (2014). *Appendix A: Questions and Answers on What to Do During an Earthquake*. Washington, DC: US Department of Homeland Security, Federal Emergency Management Agency, Federal Insurance and Mitigation Administration.
- Mahue-Giangreco, M., Mack, W., Seligson, H., & Bourque, L. B. (2001). Risk factors associated with moderate and serious injuries attributable to the 1994 Northridge earthquake, Los Angeles, California. *Annals of Epidemiology*, 2001(11), 347-357.
- Marano, K. D., Wald, D. J., & Allen, T. I. (2010). Global earthquake casualties due to secondary effects: A quantitative analysis for improving rapid loss analyses. *Natural Hazards*, *52*, 319 328.
- Maruyama, Y., & Yamazaki, F. (2004). Fundamental study on the response characteristics of drivers during an earthquake based on driving simulator experiments. *Earthquake Engineering & Structural Dynamics*, *33*(6), 775-792. doi:10.1002/eqe.378
- Noji, E. K. (Ed.) (1997). *The public health consequences of disasters*. New York: Oxford University Press.
- Nusura, Inc., Cascadia Region Earthquake Workgroup (CREW), Oregon Office of Emergency Management, & State of Washington Emergency Management Division. (2018, January). *Pacific Northwest strategy for Earthquake Early Warning (EEW) outreach, education, and training*. Retrieved from <u>http://www.crew.org/sites/default/files/WA\_OR\_CREW\_EEWStrategy\_Final.pdf</u>
- Peek-Asa, C., Kraus, J. F., Bourque, L. B., Vimalachandra, D., Yu, J., & Abrams, J. (1998). Fatal and hospitalized injuries resulting from the 1994 Northridge earthquake. *International Journal of Epidemiology*, *27*(3), 459-465.
- Peek-Asa, C., Ramirez, M., Seligson, H. A., & Shoaf, K. I. (2003). Seismic, structural, and individual factors associated with earthquake-related injury. *Injury Prevention*, *9*(1), 62-66.
- Petal, M. (2009). *Evidence-based public education for disaster prevention: Causes of deaths and injuries in the 1999 Kocaeli earthquake*. Saarbrücken, Germany: VDM Verlag.

- Petal, M. (2011). Earthquake casualties research and public education. In R. Spence, C. Scawthorn, & E. So (Eds.), *Human Casualties in Earthquakes* (pp. 25-50): Springer.
- Porter, K. (2007). Fragility of hydraulic elevators for use in performance-based earthquake engineering. *Earthquake Spectra, 23*(2), 459-469.
- Prati, G., Saccinto, E., Pietrantoni, L., & Pérez-Testor, C. (2013). The 2012 Northern Italy earthquakes: Modelling human behaviour. *Natural Hazards, 69*(1), 99-113.
- Ramirez, M., & Peek-Asa, C. (2005). Epidemiology of traumatic injuries from earthquakes. *Epidemiologic Reviews*, *27*(1), 47-55.
- Schiff, A. (1988). The Whittier Narrows, California Earthquake of October 1, 1987—Response of Elevators. *Earthquake Spectra*, *4*(2), 367-375.
- Sellnow, T. L., Sellnow, D. D., Lane, D. R., & Littlefield, R. S. (2012). The value of instructional communication in crisis situations: Restoring order to chaos. *Risk Analysis, 32*, 633-634.
- ShakeOut BC. (nd). Animal Safety: Protecting Pets During an Earthquake. Retrieved from https://www.shakeoutbc.ca/downloads/ShakeOutBC\_FactSheet\_Animal\_Safety.pdf
- Shoaf, K. I., Nguyen, L. H., Sareen, H. R., & Bourque, L. B. (1998). Injuries as a result of California earthquakes in the past decade. *Disasters, 22*(3), 218-235.
- Spence, R., & So, E. (2009). *Estimating shaking-induced casualties and builling damage for global earthquake events: Final technical report, NEHRP Grant Number 08HQGR0102*. Cambridge, UK.
- Suarez, L. E., & Singh, M. P. (2000). Review of earthquake performance, seismic codes, and dynamic analysis of elevators. *Earthquake Spectra*, *16*(4), 853-878.
- The Caribbean Disaster Emergency Management Agency. (nd). Earthquake readiness: During and earthquake. Retrieved from <a href="http://www.weready.org/earthquake/index.php?option=com\_content&view=article&id=3&ltemid=22">http://www.weready.org/earthquake/index.php?option=com\_content&view=article&id=3&ltemid=22</a>
- United Nations Education, Scientific, and Cultural Organization, International Tsunami Information Center. What to do? Tsunami Safety for Boaters. Retrieved from <u>http://itic.ioc-</u> <u>unesco.org/index.php?option=com\_content&view=category&id=1270&Itemid=1270</u>
- United States Department of Homeland Security, FEMA. (2009). *Vertical Evacuation from Tsunamis: A Guide for Community Officials (FEMA P646A)*. Washington, DC: US Department of Homeland Security, Federal Emergency Management Agency.
- USGS. (2007). Earthquakes with 1,000 or more deaths since 1900. Retrieved from http://earthquake.usgs.gov/earthquakes/world/world\_deaths.php

- Washington State Department of Health. (2016). Earthquakes. Retrieved from <u>http://www.doh.wa.gov/Emergencies/BePreparedBeSafe/SevereWeatherandNaturalDis</u> <u>asters/Earthquakes</u>
- Wood, N., Jones, J., Schmidtlein, M., Schelling, J., & Frazier, T. (2016). Pedestrian flow-path modeling to support tsunami evacuation and disaster relief planning in the US Pacific Northwest. *International Journal of Disaster Risk Reduction, 18*, 41-55.

References for Dr. McBride's Presentation:

- McBride, S. K., Becker, J. S., & Johnston, D. M. (2019). Exploring the barriers for people taking protective actions during the 2012 and 2015 New Zealand ShakeOut drills. *International Journal of Disaster Risk Reduction, 37*, 101150. doi:10.1016/j.ijdrr.2019.101150
- Vinnell, L. J., Wallis, A., Becker, J. S., & Johnston, D. M. (2020). Evaluating the ShakeOut drill in Aotearoa/New Zealand: Effects on knowledge, attitudes, and behaviour. *International Journal of Disaster Risk Reduction*, 101721.
- Adams, R. M., Karlin, B., Eisenman, D. P., Blakley, J., & Glik, D. (2017). Who Participates in the Great ShakeOut? Why Audience Segmentation Is the Future of Disaster Preparedness Campaigns. International journal of environmental research and public health, 14(11), 1407.
- McBride, S. K., Bostrom, A., Sutton, J., de Groot, R. M., Baltay, A. S., Terbush, B., . . . Vinci, M. (2020). Developing post-alert messaging for ShakeAlert, the earthquake early warning system for the west coast of the United States of America. *International Journal of Disaster Risk Reduction*, 101713. doi:<u>https://doi.org/10.1016/j.ijdrr.2020.101713</u>