

Curriculum Vitae

ERIC YUKIO YAMASHITA

a. Professional Preparation:

University of Hawaii at Manoa, Geography BA 1990
University of Hawaii at Manoa, Urban and Regional Planning MURP 2001

b. Appointments:

2009-present	Associate Director	National Disaster Preparedness Training Center
2004-2009	Info. System Manager	University of Hawaii's Chancellor's Office
2001-2004	Research Associate	Social Science Research Institute
1997-2001	Graduate Assistant	Hawaii CODES Project

c. Publications

Kim, K., Kaviari, F., Pant, P., Yamashita, E. (2022). An Agent-based Model of Short-notice Tsunami Evacuation in Waikiki, Hawaii. *Transportation Research Part D: Transport and Environment*, 105, 103239.

Kim, K., Yamashita, E., Ghimire, J. (2021). Pausing the Pandemic: Understanding and Managing Traveler and Community Spread of COVID-19 in Hawaii. *Transportation Research Record*, 03611981211058428.

Kim, K., Chowdhury, R., Pant, P., Yamashita, E., Ghimire, J. (2021). Assessment of ENSO Risks to Support Transportation Resilience. *Progress in Disaster Science*, 12, 100196.

Kim, K., Yamashita, E., and Ghimire, J. (2021). Factors Associated with Differences in Initial Pandemic Preparedness and Response: Findings from a Nationwide Survey in the United States. *Transportation Research Interdisciplinary Perspectives*, 11, 100430.

Kawamoto, K., Tontisirin, N., Yamashita, E. (2021). The Structural Analysis of Virtual Social Capital for Urban Resilience in a Metropolitan Area: The Case of Tokyo and Bangkok. *Nakhara: Journal of Environmental Design and Planning*, 20, 101.

Kim, K., Ghimire, J., Pant, P., Yamashita, E. (2021). Bikeshare and Safety: Risk Assessment and Management. *Transportation Research Interdisciplinary Perspectives*, 9, 100276.

Houghton, B.F., Cockshell, W.A., Gregg, C.E., Walker, B.H., Kim, K., Tisdale, C.M., and Yamashita, E. (2021). Land, Lava, and Disaster Create a Social Dilemma after the 2018 Eruption of Kilauea Volcano. *Nature Communications*. 1223.

Kim, K., Wolshon, B., Pant, P., Yamashita, E., and Ghimire, J., (2020). Assessment of Evacuation Training Needs: Targeting Instruction to Meet the Requirements of Local Communities and Agencies. *Journal of Emergency Management*. November/December, Vol. 18, No. 6, pp. 475-487.

Kim, K., Ghimire, J., Pant, P., Yamashita, E. (2019). Self-reported Handheld Device use while Driving. *Accident Analysis and Prevention*, 125, 106-115.

Kim, K., Pant, P., and Yamashita, E. (2019). Analysis of Transportation Disruptions from Recent Flooding and Volcanic Disasters in Hawaii. *Transportation Research Record: Journal of the Transportation Research Board*. Vol. 2673, Is. 2, pp. 194-208.

Kim, K., Francis, O, and Yamashita, E. (2018). Learning to Build Resilience into Transportation Systems. *Transportation Research Record: Journal of the Transportation Research Board*. Vol. 2672, Is. 1, pp. 30-42.

Kim, K., Pant, P., Yamashita, E. (2018). Integrating Travel Demand Modeling and Flood Hazard Risk Analysis for Evacuation and Sheltering. *International Journal of Disaster Risk Reduction*, 31, 1177-1186.

Kim, K., Pant, P., and Yamashita, E. (2018). Managing Uncertainty: Lessons From Volcanic Lava Disruption of Transportation Infrastructure in Puna, Hawaii. *Journal of Emergency Management*. January/February, Vol. 16, No. 1, pp. 29-40.

Yuzal, H., Kim, K., Pant, P., and Yamashita, E. (2017). Tsunami Evacuation Buildings and Evacuation Planning in Banda Aceh, Indonesia. *Journal of Emergency Management*, January/February, Vol. 15, No. 1, pp. 49-61.

Kim, K., Pant, P. and Yamashita, E. (2015). Evacuation Planning for Plausible Worst Case Inundation Scenarios in Honolulu, Hawaii. *Journal of Emergency Management*, March/April, Vol. 13, No. 2, pp. 93-108.

Kim, K., Yamashita, E., Pant, P., Ghimire, J. (2014). Sustaining Seat Belt Use in a High-Use State. *Transportation Research Record*, 2425(1), 32-40.

Kim, K., E. Yamashita, J. Ghimire, J. Burke, L. Morikawa, L. Kobayashi (2013). Learning from Crisis: Transit Evacuation in Honolulu, Hawaii, After Tsunami Warnings. *Transportation Research Record*, No. 2376, pp. 56-62.

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Kim, K., Pant, P., Yamashita, E., Brunner, I.M. (2012). Entropy and Accidents. *Transportation Research Record*, 2280(1), 173-182.

Brunner, I.M., Kim, K., Yamashita, E. Analytic Hierarchy Process and Geographic Information Systems to Identify Optimal Transit Alignments. *Transportation Research Record*, 2215(1), 59-66.

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Kim, K., Pant, P., Yamashita, E. (2010). Accidents and Accessibility: Measuring Influences of Demographic and Land Use Variables in Honolulu, Hawaii. *Transportation Research Record*, 2147 (1), 9-17.

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Kim, K., Brunner, I.M., Yamashita, E. (2008). Modeling Violation of Hawaii's Crosswalk Law. *Accident Analysis and Prevention*, 40 (3), 894-904.

Kim, K., Yamashita, E. (2008). Corresponding Characteristics and Circumstances of Collision-involved Pedestrians in Hawaii. *Transportation Research Record*, 2073 (1), 18-24.

- Kim, K., Pant, P., Yamashita, E. (2008). Hit-and-Run Crashes: Use of Rough Set Analysis with Logistic Regression to Capture Critical Attributes and Determinants. *Transportation Research Record*, 2083 (1), 114-121.
- Kim, K., Yamashita, E. (2007). Using a K-Means Clustering Algorithm to Examine Patterns of Pedestrian Involved Crashes in Honolulu, Hawaii. *Journal of Advanced Transportation*, 41 (1), 69-89.
- Kim, K., Yamashita, E. (2007). Attitudes of Commercial Motor Vehicle Drivers Towards Safety Belts. *Accident Analysis and Prevention*, 39 (6), 1097-1106.
- El-Kadi, A., Yamashita, E. (2007). Modeling Streamflows and Flood Delineation of the 2004 Flood Disaster, Manoa, Oahu, Hawaii. *Pacific Science*, 61 (2), 235-255.
- Kim, K., Brunner, I.M., Yamashita, E. (2007). Use of Safety Viewgrams to Visualize Driver and Pedestrian Interactions. *Transportation Research Record*, 2002 (1), 72-77.
- Kim, K., Hallonquist, L., Settachai, N., Yamashita, E. (2006). Walking in Waikiki, Hawaii: Measuring Pedestrian Level of Service in an Urban Resort District. *Transportation Research Record*, 1982 (1), 104-112.
- Kim, K., Brunner, I.M., Yamashita, E. (2006). Influence of Land Use, Population, Employment, and Economic Activity on Accidents. *Transportation Research Record*, 1953 (1), 56-64.
- Kim, K., Yamashita, E. (2003). Click it or Ticket: Boosting Seat Belt Use in Hawaii. *Transportation Research Record*, 1830 (1), 18-24.
- Kim, K., Boski, J., Yamashita, E. (2002). Typology of Motorcycle Crashes: Rider Characteristics, Environmental Factors, and Spatial Patterns. *Transportation Research Record*, 1818 (1), 47-53.
- Kim, K., Yamashita, E. (2002). Motor Vehicle Crashes and Land Use: Empirical Analysis from Hawaii. *Transportation Research Record*, 1784 (1), 73-79.
- Kim, K., Yamashita, E. (2001). Asleep at the Wheel: Spatial and Temporal Patterns of Fatigue-related Crashes in Honolulu. *Transportation Research Record*, 1779 (1), 46-53.
- Kim, K., Kim, S., Yamashita, E. (2000). Alcohol-impaired Motorcycle Crashes in Hawaii, 1986 to 1995: An Analysis. *Transportation Research Record*, 1734 (1), 77-85.

d. Affiliations

- American Society of Photogrammetry and Remote Sensing (ASPRS)
- Transportation Research Board (TRB)
- Institute of Electrical and Electronic Engineers (IEEE)
- Association of Computing Machinery (ACM)
- Hawaii Geographic Information Coordinating Council (HIGICC)