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Education

Ph. D. Urban and Regional Science, Texas A&M University, 2008
Master Graduate Institute of Building and Planning, National Taiwan University, 1998
Bachelor Department of Geology, National Taiwan University, 1994

Professional Experience

2017- Associate Professor, Department of Disaster Management, Central Police University
2014-2017 Assistant Professor, Department of Disaster Management, Central Police University
2011-2014 Assistant Professor, Department of Fire Science, Central Police University
2008-2011 Assistant Researcher, National Science and Technology Center for Disaster Reduction
2003-2008 Research Assistant, Hazard Reduction and Recovery Center, Texas A&M University.
2000-2002 Research Assistant, Department of Geography, National Taiwan University
1996-1998 Research Assistant, Department of Geography, National Taiwan University
1994-1996 Research Assistant, Graduate Institute of Building and Planning, National Taiwan University

Specialty

Professional Hosing recovery, evacuation, Emergency and temporary sheltering, emergency exercise, emergency management for aging society, climate change governance, emergency governance, vulnerability analysis

Degree Theses

2008 Dissertation A Comparative Study of Single Family and Multifamily Housing Recovery Following 1992 Hurricane Andrew in Miami-Dade County, Florida
1998 Thesis Social Mechanisms of Environment Degradation in Peripheral Area- A Case Study of Coastal Landscape Degradation in Peng-Hu, Taiwan

Selected Peer Reviewed Papers

- Kao, R., L., **Lu, J.-C.**, (2021), Housing Recovery and Free-Permanent Housing Policy Assessment after Typhoon Morakot in Taiwan, *City and Planning*, 48 (4), 436-461 (in Chinese)
- Jou, S.-C., **Lu, J.-C.**, Tsern, C.-F., (2021), Development of Ecological Parks and Their Contexts: Environmental Embeddedness and Social Characteristics of Taipei's Ecological Parks, *City and Planning*, 48 (1), 49-81 (in Chinese)
- Lu, J.-C.**, (2017), Demographic and Socioeconomic Factors Associated with Public Shelter Demand due to Typhoon in Taiwan: The Case of Typhoon Morakot, *Journal of Disaster Science*, 2, 1-27 (in Chinese)
- Liu, Y.-S., **Lu, J.-C.**, (2017), Post-earthquake Sheltering Gaps between Township Emergency Management Plan and Execution Reality: Case Studies of Chichi and Yongkang, Taiwan, *Journal of Disaster Science*, 2, 29-58 (in Chinese)
- Lu, J.-C.**, (2016), The Influences of Free Permanent Housing Program on Post-Typhoon Morakot Housing Recovery from 2010 to 2012 in Taiwan, *Disaster Science*, 1, 109-138 (in Chinese)
- Shieh, H.-K., **Lu, J.-C.**, Lin, Y.-S., (2016), Risk Model Construction for Property Losses in Building Fires, *National Taiwan Police College Bulletin*, 6:4, 113-144 (in Chinese)
- Chuang, C.-P., **Lu, J.-C.**, (2016) , Agency-Driven Reconstruction in Relocated Site: The Case of Shanlin Da-Ai Village, *Journal of Disaster Mitigation and Rescue Central Police University* , 17 , 135-165 (in Chinese)
- Lu, J.-C.**, Jou, S.-C., Liao, Y.-K. (2015) , Global Trend and Taiwan's Research Landscape for Urban Climate Governance, *City and Planning*, 42, 7-38 (in Chinese)
- Lu, J.-C.**, Jou, S.-C., Chiang, S.-S., (2011),Major Disasters, Media Agenda-setting, and Policy-making: A Study of Keelung River Floods and Their Mitigation Policies, *Journal of Geography*, 63, 89-113 (in Chinese)
- Lindell, M. K., **Lu, J.-C.**, & Prater, C. S. (2005). Household Decision Making and Evacuation in Response to Hurricane Lili, *Natural Hazards Review*, 6 (4), 171-179

Books

- Lu, J.-C.**, Jou, S.-C., (2017), Chapter 1: The Urban Climate Change Policies and Actions: The Cases of Taipei and Kaohsiung Metropolis, *Urban Climate Issues and Governance in Taiwan (Editors: Shao, S.-H., Jou, S.-C., Huang, S.-L.)*, 23-61, Taipei, Press of National Taiwan University, ISBN: 9789863502456 (in Chinese)
- Jou, S.-C., **Lu, J.-C.**, (2017), Chapter 11: The Characteristics of Climate Governance of Local Governments: The Case of Taipei, New Taipei, and Pingtung, *Urban Climate Issues and Governance in Taiwan (Editors: Shao, S.-H., Jou, S.-C., Huang, S.-L.)* , 413-455, Taipei, Press of National Taiwan University, ISBN: 9789863502456 (in Chinese)

Lu, J.-C., Wu, J.-Y., Chien, S.-W., Huang, J.-N., , (2013), *Recovery Patterns after Major Disasters in Taiwan: The Cases of Chi-Chi Earthquake and Typhoon Morakot*, Taipei, , Research, Development and Evaluation Commission, Executive Yuan (, Taiwan), ISBN: 9789860378894 (in Chinese)

Conference Papers

Lu, J.-C. and Xu, Y.-H. (2021). Public-Private Participation Strategy for Facilitating Condominium Post-Disaster Housing Recovery. 46th Annual Natural Hazards Research and Applications Workshop, Virtual Convention, July 11-14. MOST 109-2625-M-015 -008 -

Lu, J.-C. and Chang, Y.-M. (2021). Participatory Action Research for Long-Term Care Facility Earthquake Preparedness. 46th Annual Natural Hazards Research and Applications Workshop, Virtual Convention, July 11-14. MOST 109-2621-M-002 -010 -MY2

Brindle, T. R., Huang, S.-K., Wu, H.-C., **Lu, J.-C.**, and Lindell, M. K. (2020). Households' Protective Actions in Response to a Nighttime Earthquake: The 2018 Eastern Taiwan Earthquake, The American Society of Civil Engineers 2020 Virtual Convention, October 28-30.

Brindle, T. R., Hung, T.-J., Huang, S.-K., Wu, H.-C., Lin, C.-C., **Lu, J.-C.**, and Lindell, M. K. (2020). Households Immediate Response during a Nighttime Earthquake. 45th Annual Natural Hazards Research and Applications Workshop, Virtual Convention, July 12-15.

Lu, J.-C. and Wang, A.-Q. (2019). Study on Flood Preparedness and Evacuation Behaviors of Senior Citizens' Welfare Institutions in Taiwan. 44th Annual Natural Hazards Research and Applications Workshop, July 14-17, Broomfield, CO, USA. MOST 108-2119-M-015-001.

Luo, P.-J., Huang, P.-T. and **Lu, J.-C.** (2019). Disaster Sheltering Preparedness in Taiwan: Evaluation Framework Development and Preparedness Assessment. 44th Annual Natural Hazards Research and Applications Workshop, July 14-17, Broomfield, CO, USA. MOST 107-2410-H-015-004.

Jou, S.-C. and **Lu, J.-C.** (2018). Sidewalks Retrofitted: Land Teleconnection, Policy Mobility and Urban Green Infrastructure. Global Land Programme 2018 Asia Conference, September 1-3, Taipei. (MOST 105-2621-M-002-005-MY3).

Lu, J.-C. and Liu, Y.-C (2017). Assessment of Short-term Public Shelter Needs after a Major Earthquake: A Case Study of Sheltering Decision in Taiwan, Hazards Researchers Workshop, July 15-16, Seattle, WA, USA

Lu, J.-C. (2017). Socio-demographic Factors Associated with Public Shelter Demand due to Typhoon: The Case of 2009 Typhoon Morakot in Taiwan, 42th Natural Hazards Research and Applications Workshop, July, 9-13, Broomfield, CO, USA

- Lu, J.-C.** and Deng, C.-C (2016). Patterns of Relocation and Livelihood Changes of Aboriginal and Han Chinese Communities after Typhoon Morakot in Taiwan, *3rd ISA Forum of Sociology*, July 10-14, Vienna, Austria
- Lu, J.-C.** and Deng, C.-C (2015). The Influences of Household Characteristics and External Assistancess on Housing Recovery after Typhoon Morakot in Taiwan, *40th Natural Hazards Research and Applications Workshop and International Research Committee on Disasters Researchers Meeting*, July, 19-23, Broomfield, CO, USA
- Jou, S.-C. and **Lu, J.-C** (2014). Adaptive City and Local Climate Policies in Taiwan: Institutional Alignment and Policy Transfer, *2nd International UGEC Conference*, November 6-8 , Taipei
- Lu, J.-C.** and Deng C.-Z. (2014). Government-NGO Collaborations for Housing Recovery after Typhoon Morakot in Taiwan: Comparative Analyses of the Recovery Practices and their Outcomes, *3rd International Conference on Urban Disaster Reduction*, September 28- October 1, Boulder, CO
- Tseng, C.-H., Peacock, W. G., Prater, C. S., **Lu, J.-C** (2011). A Review of Housing Recovery Policy for Indigenous People-The Case of the Morakot Typhoon in Taiwan, *36th Annual Natural Hazards Research and Application Workshop*, July 9-12, Broomfield, CO
- Chen, L. C., **Lu, J.-C.**, and Chen, S. Y., (2010), A Changing Role of NPOs in Disaster Relief: A Comparison of Post-disaster Assistancess for Housing after Chi-Chi Earthquake and Typhoon Morakot in Taiwan, 2010, *International Research Committee on Disasters Researchers Meeting*, July 13-14, Broomfield, CO.
- Lu, J.-C**, Jou, S.-C, and Chiang, S.-S. (2009). Disaster Evens, Mass Media and Agenda Setting, *International Conference on “Urbanization, Hazards and Sustainable City Governance*, December 4-5, Taipei
- Lu, J.-C.**, Peacock, W. G., Zhang, Y., & Dash, N. (2007). ‘Long-Term Housing Recovery: Does housing type really make a difference?’ *International Conference on Urban Disaster Reduction*, November 27-29, Taipei
- Lu, J.-C.**, Peacock, W. G., Zhang, Y., & Dash, N. (2006). ‘Multifamily Housing Recovery Following 1992 Hurricane Andrew in Miami-Dade County, Florida,’ *Association of Collegiate Schools of Planning Annual Conference*, November 9-12, Fort Worth
- Zhang, Y., **Lu, J.-C.**, & Liang, C. (2006). ‘Social Vulnerability and Housing Recovery: Evidence from Miami-Dade County, Florida,’ *Poster for MAE Center Annual Conference*, January 19-21, Austin
- Lu, J.-C.**, (2005). ‘Disaster History, Urban Development, and Sustainability- A Case Study of Miami-Dade County, Florida,’ *Poster for the 2005 Annual Workshop of Natural Hazards Center*, June 10-13, Boulder, CO.
- Lu, J.-C.**, (2005). ‘Scheme of Social Vulnerability Mapping at Community Level,’ *Poster for MAE Center Annual Conference*, February, Coral Gables, FL

- Lu, J.-C.**, (2004). 'A Comparative Study of Hurricane Evacuation Between the US and Taiwan,' 2004 Annual Workshop of Natural Hazards Center, June 11-14, Boulder
- Lu, J.-C.**, (2004). 'Mapping Social Vulnerability- A Case Study of Shelby County, TN,' Poster for the 2004 Annual Workshop of Natural Hazards Center, June 11-14, Boulder
- Lu, J.-C.**, (2004). 'The Evaluation of Housing Demand Due to Dislocation After an Earthquake,' MAE Center Research Assistants Symposium, January, San Juan
- Jou, S.-C. and **Lu, J.-C.**, (2000). 'Formation of Local Societies and Issue of Sustainable Development in Penghu Archipelagos (the Pescadores), Taiwan,' International Conference on Sustainable Development for Island Societies, 20-22 April 2000, Taoyuan.