

YUE 'GURT' GE

School of Public Administration
University of Central Florida
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Orlando, FL 32801
(407) 823-4376; yue.ge@ucf.edu

EDUCATION

Ph.D., Urban & Regional Science, Texas A&M University (TAMU), 2013
Certificate, Environmental Hazards Management, Hazard Reduction & Recovery Center, TAMU, 2013
Certificate, Geographic Information Systems (GIS), Spatial Sciences Laboratory, TAMU, 2013
M. Eng., Urban Planning & Design, China Academy of Urban Planning & Design, 2003
B.S., Urban & Regional Planning, Beijing University, 2000

AREAS OF SPECIALIZATION

Decision Making under Uncertainty	Urban Resilience
Evacuation Behavior Modeling	Public-Private Partnership
Environmental Planning	Survey Methods
Natural Hazard Mitigation	Quantitative Methods
Humanitarian Logistics	Spatial Analysis in GIS

ACADEMIC & PROFESSIONAL APPOINTMENTS

Faculty Liaison, Bachelor of Arts/Science of Emergency Management Program, University of Central Florida (UCF), 2019-present
Acting Director, Master of Emergency and Crisis Management Program, UCF, Fall 2019
Assistant Professor, School of Public Administration, UCF, 2018-present
Graduate Coordinator, Department of Emergency Management, North Dakota State University (NDSU), 2015-2018
Assistant Professor, Department of Emergency Management, NDSU, 2013-2018
Core Faculty Member, Community Health Sciences Track, Master of Public Health Program, NDSU, 2013-2014
Urban Planner, China Academy of Urban Planning & Design, 2003-2005

AWARDS & HONORS

Faculty Fellow, Pi Alpha Alpha UCF Chapter, 2019-present
Urban Resilience Faculty Start-up Award, \$125,000. UCF, 2018-present
Travel Grant for the Interdisciplinary Methods of Disaster Research Workshop Series, \$1,750. National Science Foundation, 2017-2018

GRANTS & CONTRACTS

EXTERNAL FUNDING

1. **PI.** [SCC-IRG Track 2: Leveraging Smart Technologies and Managing Community Resilience through Networked Communities and Cross-Sector Partnerships.](#) **\$1,225,000. National Science Foundation**, Smart and Connected Communities (S&CC) Program. 2020-2023. Co-PIs: Zobel, C. (Virginia Tech); Wang, H. (Oregon State U); Wang, L., Kapucu, N. (UCF). Senior Personnel: Hall, J., Martín, Y. (UCF); Cechowski, M. (East Central Florida Regional Planning Council).

2. **Co-Lead.** [*Assessing the Impacts of Social Distancing through Data Synthesis*](#). **\$1,000 (\$250 to Ge)**. National Science Foundation-funded Social Science Extreme Events Research (SSEER) network and the CONVERGE facility, **Natural Hazards Center at the University of Colorado, Boulder**. COVID-19 Working Group for Public Health and Social Sciences Research. 2020. Lead: Hasan, S. (UCF). Other Co-Lead: Eluru, N. (UCF).
3. **Co-PI.** *Socioeconomic Impacts of the Satellite Enhanced Snowmelt Flood Predictions in the Red River of the North Basin*. **\$249,969** (Award # NNX15AC47G, a ROSES A.45 Quantitative Benefits and Impacts supplemental grant to the ROSES 13-WATER13-0036 prime grant; **\$64,573 to Ge**). **National Aeronautics and Space Administration**, Water Resources Applications Program. 2017-2019. PI: Jacobs, J. (U of New Hampshire). Co-PIs: Lim, S. (NDSU); Croope, S.V. (Systems & Technology Resilience Solutions LLC).
4. **Co-PI.** [*Bridging Information, Uncertainty and Decision-Making in Hurricanes Using an Interdisciplinary Perspective*](#). **\$2,475,000** (Award# CMMI 1520338, **\$249,943 to Ge**). **National Science Foundation**, Interdisciplinary Research in Hazards and Disasters (Hazards SEES) Program. 2015-2021. PI: Ukkusuri, S. (Purdue). Other Co-PIs: Murray-Tuite, P.M. (Clemson); Kulkarni, M., Lee, S. (Purdue). Senior Personnel: Klenow, D. (NDSU).
5. **Participating Faculty Member.** Emergency Management Course Delivery Project. **\$228,818 (\$31,063 to Ge)**. **University of Modern Sciences, Dubai, United Arab Emirates**. 2015-2018. PI: Klenow, D. (NDSU).

INTERNAL FUNDING

1. **PI.** *Research Course Release Grant (RCRG)*. **\$4,000**. UCF College of Community Innovation and Education. 2020.
2. **PI.** *Preeminent Postdoctoral Program (P³) Matching Fund*. **\$35,500**. UCF College of Graduate Studies. 2019-2021.

PUBLICATIONS (* my graduate student, † my postdoctoral scholar)

PEER-REVIEWED JOURNAL ARTICLES (15)

1. Ling, L., Murray-Tuite, P., Lee, S., **Ge, Y.**, & Ukkusuri, S. (in press). Do Information Uncertainty and Social Network Contribute to Shadow Evacuation and Non-Compliance Behavior? *Transportation Research Record: Journal of the Transportation Research Board*. [Impact Factor: 1.029] [H Index: 107]
2. Alawadi, R., Murray-Tuite, P., Marasco, D., Ukkusuri, S., & **Ge, Y.** (2020). Determinants of Full and Partial Household Evacuation Decision Making in Hurricane Matthew. *Transportation Research Part D: Transport and Environment*, 83, 102313. DOI: 10.1016/j.trd.2020.102313. [Impact Factor: 4.577] [H Index: 89]
3. Damera, A., Gehlot, H., Ukkusuri, S.V., Murray-Tuite, P., **Ge, Y.**, & Lee, S. (2020). Estimating the Sequencing of Evacuation Destination and Accommodation Type in Hurricanes. *Journal of Homeland Security and Emergency Management*, 17(1), 20180071. DOI: 10.1515/jhsem-2018-0071. [Impact Factor: 1.350] [H Index: 20]
4. Murray-Tuite, P., **Ge, Y.**, Zobel, C., Nateghi, R., & Wang, H. (2019). Critical Time, Space, and Decision-Making Agent Considerations in Human-Centered Interdisciplinary Hurricane-Related Research. *Risk Analysis*, an **invited** paper for a special issue on Interdisciplinary Methods and Approaches for Hazards and Disaster Research. Published online July 18, 2019. DOI: 10.1111/risa.13380. [Impact Factor: 3.137] [H Index: 124]
5. **Ge, Y.**, Zobel, C., Murray-Tuite, P., Nateghi, R., & Wang, H. (2019). Building an Interdisciplinary Team for Disaster Response Research: A Data-driven Approach. *Risk Analysis*, an **invited** paper for a special issue on Interdisciplinary Methods and Approaches for Hazards and Disaster Research. Published online February 6, 2019. DOI: 10.1111/risa.13280. [Impact Factor: 3.137] [H Index: 124]
6. *Savitt, A. & **Ge, Y.** (2019). Intra-family Decision Making in Disaster Evacuations: A Literature Review. *Family Science Review*, 23(3), 39-54.

7. Wei, H.-L., Lindell, M.K., Prater, C.S., Wei, J., Wang, F., & Ge, Y. (2018). Perceived Stakeholder Characteristics and Protective Action for Influenza Emergencies: A Comparative Study of Respondents in the United States and China. *International Journal of Mass Emergencies and Disasters*, 36(1), 52-70. [Impact Factor: 1.777] [H Index: 3]
8. Wei, J., Wang, F., Huang, S.-K., Lindell, M.K., Ge, Y., & Wei, H.-L. (2018). Public Reactions to the 2013 Chinese H7N9 Influenza Outbreak: Perceptions of Risk, Stakeholders, and Protective Actions. *Journal of Risk Research*, 21(7), 809-833. [Impact Factor: 1.699] [H Index: 55]
9. Saginor, J. & Ge, Y. (2017). Do Hurricanes Matter? A Case Study of the Residential Real Estate Market in Brunswick County, North Carolina. *International Journal of Housing Markets and Analysis*, 10(3), 352-370. [Impact Factor: 0.770] [H Index: 15]
10. Cheng, P., Wei, J., & Ge, Y. (2017). Who Should Be Blamed? The Attribution of Responsibility for a City Smog Event in China. *Natural Hazards*, 85(2), 669-689. [Impact Factor: 2.427] [H Index: 96]
11. Ge, Y. & Lindell, M.K. (2016). County Planners' Perceptions of Land Use Planning Tools for Environmental Hazard Mitigation: A Survey in the U.S. Pacific States. *Environment and Planning B: Planning and Design*, 43(4), 716-736. [Impact Factor: 2.822] [H Index: 85]
12. Chintapalli, V., Tao, W., Meng, Z., Zhang, K., Kong, J., & Ge, Y. (2016). A Comparative Study of Spreadsheet Applications on Mobile Devices. *Mobile Information Systems*, 2016, Article ID 9816152. [Impact Factor: 1.508] [H Index: 29]
13. Ge, Y., Peacock, W.G., & Lindell, M.K. (2011). Florida Households' Expected Responses to Hurricane Hazard Mitigation Incentives. *Risk Analysis*, 31(10), 1676-1691. **Reprinted** in *Risk Analysis*, Virtual Special Issue (September 2017): Preparing for, Responding to, and Recovering from Hurricane Flooding Disasters. [Impact Factor: 3.137] [H Index: 124]
14. Ge, Y., Gu, Y., & Deng, W. (2010). Evaluating China's National Post-Disaster Plans: The 2008 Wenchuan Earthquake's Recovery and Reconstruction Planning. *International Journal of Disaster Risk Science*, 1(2), 17-27. [Impact Factor: 2.048] [H Index: 22]
15. Gui, X. & Ge, Y. (2005). Funds for Conservation of Historic District. *City Planning Review*, 29(7), 79-83. (in Chinese)

PEER-REVIEWED BOOK CHAPTERS (2)

16. Page, S. & Ge, Y. (2009). Transport and Tourism: A Symbiotic Relationship? In *The Sage Handbook of Tourism Studies*. Jamal, T. & Robinson, M., Editors. Thousand Oaks, CA: Sage Publications.
17. Gao, X. & Ge, Y. (2008). A Comparative Study on Urban Land Use and Sprawl of Foreign and Chinese Cities: A Case Study of Baotou, China. In *Tourism Development and Public Administration*. Wu, B. & Song, Z., Editors. Beijing: China Travel & Tourism Press. (in Chinese)

TECHNICAL REPORTS (2)

18. Hasan, S., Ge, Y., Eluru, N., Dong, Z., Hu, Q., Cebrian, M., Stevens, K., Foster, A., Gedeon, M., Nottingham, D., Guo, Z., Rivera, F., & Emrich, C. (2020). [Assessing the Impacts of Social Distancing through Data Synthesis](#). COVID-19 Working Group for Public Health and Social Sciences Research, Research Agenda-Setting Paper. National Science Foundation-funded Social Science Extreme Events Research (SSEER) network and the CONVERGE facility, Natural Hazards Center at the University of Colorado, Boulder.
19. Lindell, M.K., Ge, Y., Huang, S.-K., Prater, C.S., Wu, H.-C., & Wei, H.-L. (2013). Behavioral Study, Valley Hurricane Evacuation Study, Willacy, Cameron, and Hidalgo Counties, Texas. Final report to U.S. Army Corps of Engineers.

JOURNAL ARTICLES UNDER REVIEW (4)

20. Li, Z., Wei, J., & Ge, Y. "Seeing is Believing, But Could Hearing Be Misleading?" The Effect of Corporate Reputation on Stakeholders' Support for the Corporate New Investment Project. (for R&R to *Asia Pacific Journal of Management*) [Impact Factor: 3.064] [H Index: 74]
21. *Iman, S. & Ge, Y. University Public-Private Partnerships for Addressing Student Emergency Needs: A Literature Review. (for R&R to *Journal of Emergency Management*) [Impact Factor: 0.380] [H Index: 8]
22. Lee, S., Benedict, B., Ge, Y., Murray-Tuite, P., & Ukkusuri, S. An Application of Media and Network Multiplexity Theory to the Structure and Perceptions of Information Environments in Hurricane Evacuation. (for R&R to *Journal of the Association for Information Science and Technology*) [Impact Factor: 2.41] [H Index: 134]
23. Lim, S.H., Ge, Y., Jacobs, J., & Jia, X. The Economic Benefits of NASA Satellite-Enhanced Remote Sensing Technology for Spring Flood Forecasts for the Red River of the North. (submitted to *Journal of Flood Risk Management*) [Impact Factor: 3.066] [H Index: 31]

JOURNAL ARTICLES IN PROGRESS (9)

24. Ge, Y., *Hyde, J., & †Martín, Y. Avoiding the "Windshield-Wiper" Effect: A Meteorologist Survey of Hurricane Track Forecast Uncertainty. (under revision and for submission to *Weather, Climate, and Society*) [Impact Factor: 1.958] [H Index: 31]
25. Ge, Y., †Martín, Y., *Iman, S., Lim, S.H., Jacobs, J., & Jia, X. Understanding Perceived Economic Value of the Satellite Enhanced Snowmelt Flood Predictions from Urban Residents of the Red River of the North Basin. (for submission to *International Journal of Disaster Risk Reduction*) [Impact Factor: 2.896] [H Index: 34]
26. Ge, Y., *Iman, S., Klenow, D. J., & *Savitt, A. The Role of County Emergency Managers in Hurricane Evacuation Decision-Making: Planning the Uncertainty Continuum. (for submission to *Risk, Hazards, & Crisis in Public Policy*) [Impact Factor: 1.340] [H Index: 6]
27. †Martín, Y., Li, Z., & Ge, Y. Introducing Twitter Daily Census of Residents and Non-Residents at the County Level. (under revision and for submission to *Cartography and Geographic Information Science*) [Impact Factor: 2.429] [H Index: 54]
28. †Martín, Y., Li, Z., & Ge, Y. The Promise of Excess Mobility Analyses: Measuring Episodic-Mobility Through Geotagged Social Media. (for submission to *PLoS ONE*) [Impact Factor: 2.896] [H Index: 300]
29. Alawadi, R., Bian, R., Murray-Tuite, P., Ukkusuri, S., & Ge, Y. A Zero Truncated Poisson Model of the Number of Household Vehicles Used to Evacuate from Hurricane Matthew. (under revision and for submission to *Journal of Homeland Security and Emergency Management*) [Impact Factor: 1.350] [H Index: 20]
30. Shen, J., Murray-Tuite, P., Lee, S., Ge, Y., Ukkusuri, S.V., & Marasco, D. Household Perceived Certainty in Hurricane Evacuation Decision-Making Contexts. (under revision)
31. Adjei, E., Murray-Tuite, P., Ge, Y. & Ukkusuri, S. Estimating Destination and Accommodation Type with Household Certainty in Hurricane Evacuation. (under revision)
32. Adjei, E., Murray-Tuite, P., Bian, R., Marasco, D., Ge, Y., & Ukkusuri, S. Households' Evacuation-Related First Decisions. (under revision)

JOURNAL ARTICLES IN PREPARATION (3)

33. Ge, Y. Unveiling the Myths of Intra-family Decision Making in Hurricane Matthew Evacuation.
34. Ge, Y. Uncertainties in Hurricane Evacuation Decision Making: A Comparative Study of Emergency Managers, Operational Meteorologists, and Households.
35. *Iman, S., Ge, Y., & Szmerekovsky, J. Managing Humanitarian Logistics through Public-Private Partnership: A Collaborative Decision-making Approach to the Pre-positioning of Hurricane Relief Kits.

CONFERENCE PRESENTATIONS

(* my graduate student, † my postdoctoral scholar, + practitioner)

INVITED PANELS & PRESENTATIONS (3)

Ge, Y. (facilitator) (2020). Infrastructure, Buildings and Planning Roundtable Session. Tourism 2030: Building a More Sustainable and Resilient Future. May 14-15, 2020, Orlando, FL. (conference was cancelled due to COVID-19)

Ge, Y., Zobel, C., Murray-Tuite, P., Nateghi, R., & Wang, H. (2018). Building an Interdisciplinary Team for Disaster Response Research: A Data-driven Approach. NSF Interdisciplinary Methods of Disaster Research Workshop – Part II, Boulder, CO.

Murray-Tuite, P., **Ge, Y.**, Zobel, C., Nateghi, R., & Wang, H. (2018). Critical Time, Space, and Agent Considerations for Data and Modeling in Interdisciplinary Hazards and Disasters Research. NSF Interdisciplinary Methods of Disaster Research Workshop – Part II, Boulder, CO.

PEER-REVIEWED PRESENTATIONS (26)

Ge, Y., †Martín, Y., *Iman, S. (presenter), & Lim, S.H. (2020). Understanding Perceived Economic Value of the Satellite Enhanced Snowmelt Flood Predictions. 2020 International Research Committee on Disasters Researchers Meeting (virtual conference).

†Martín, Y., Li, Z., & **Ge, Y.** (2020). Towards Real-time Population Estimates: Introducing Twitter Daily Estimates of Residents and Non-residents at the County Level. Population Association of America Annual Meeting (virtual conference).

Ge, Y. (2020). Hurricane Evacuation Policy Implementation: A Three-Way Comparison. (2020). American Society for Public Administration Annual Conference, Anaheim, CA. (accepted; conference was cancelled due to COVID-19)

†Martín, Y., Li, Z., & **Ge, Y.** (2020). The Promise of Excess Mobility Analyses: Measuring Episodic-Mobility Through Geotagged Social Media. Annual Meeting of the American Association of Geographers (virtual conference).

†Martín, Y., Li, Z., & **Ge, Y.** (2020). The Promise of Excess Mobility Analyses: Measuring Episodic-Mobility Through Geotagged Social Media. 14th Annual UCF Public Administration Research Conference, Orlando, FL. (accepted; conference was cancelled due to COVID-19)

Lee, S., Benedict, B.C., Murray-Tuite, P.M., & **Ge, Y.** (2020). Network Structure of Information Environments and Perceptions of Uncertainty in Hurricane Evacuation Decision Making. 2020 Annual International Crisis & Risk Communication Conference, Orlando, FL.

Klenow, D. J., **Ge, Y.** (presenter), *Savitt, A., & *Iman, S. (2020). The Role of County Emergency Managers in Hurricane Evacuation: Planning in a Context of Uncertainty. 2020 Florida Emergency Preparedness Association (FEPA) Annual Meeting, Daytona Beach, FL.

Ge, Y., *Iman, S., & Szmerekovsky, J. (2019). Managing Humanitarian Logistics Through Public-Private Partnership: A Collaborative Decision-Making Approach to the Pre-positioning of Hurricane Relief Kits. 2019 INFORMS Annual Meeting, Seattle, WA.

Klenow, D. J., **Ge, Y.** (presenter), *Savitt, A., & *Iman, S. (2019). The Role of County Emergency Managers in Hurricane Evacuation Decision-Making: Negotiating the Uncertainty Continuum. 2019 International Research Committee on Disasters Researchers Meeting, Broomfield, CO.

Marasco, D., Murray-Tuite, P., Ukkusuri, S., Lee, S., & **Ge, Y.** (2019). Multinomial Random Parameter Modeling of First Decisions Made by Households during the Approach of Hurricane Matthew. 2019 International Research Committee on Disasters Researchers Meeting, Broomfield, CO.

*Iman, S., **Ge, Y.**, & Szmerekovsky, J. (2019). Public-Private Partnerships to Address Student Emergency Preparedness and Response Needs: A Preliminary Proposal for the Hurricane Irma Case Study. 13th Annual UCF Public

Administration Research Conference, Orlando, FL.

- Ge, Y.** & *Savitt, A. (2018). Unveiling the Myths of Intra-family Decision Making in Hurricane Matthew Evacuation. 2018 International Research Committee on Disasters Researchers Meeting, Broomfield, CO.
- Murray-Tuite, P., **Ge, Y.**, Lee, S., Ali, A., Marasco, D., Ukkusuri, S. V., & *Savitt, A. (2018). Uncertainty and Information Flow in Hurricane Evacuation Decision-Making: A Preliminary Conceptual Representation. 2018 International Research Committee on Disasters Researchers Meeting, Broomfield, CO.
- Jacobs, J., Moser, P., Croope, S. (presenter), Lim, S., & **Ge, Y.** (2018). Economic Benefits and Impacts of the Satellite Enhanced Snowmelt Flood Predictions in the Red River of the North Basin (RRB): Hazus-MH Basic Application. Florida Hazus User Group.
- *Hyde, J. & **Ge, Y.** (2017). Uncertainty in Hurricane Forecasts and Communication: A Survey on the Perspective of Operational Meteorologists. 2017 National Weather Association Meeting, Garden Grove, CA.
- Ge, Y.**, *Hyde, J., & *Savitt, A. (2017). Uncertainty in Hurricane Evacuation Decision Making: A Progress Report of the NSF Hazards SEES Project. Michael K. Lindell Hazards Researchers Workshop, Seattle, WA.
- *Hyde, J. & **Ge, Y.** (2016). Avoiding the “Windshield-Wiper” Effect: A Meteorologist Survey of Hurricane Track Forecast Uncertainty. 2016 International Research Committee on Disasters Researchers Meeting, Broomfield, CO.
- Ge, Y.**, Huang, S.-K., Lindell, M.K., Prater, C.S., Wu, H.-C., & Wei, H.-L. (2016). Hurricane Evacuation Expectations in the Lower Rio Grande Valley. 2016 National Evacuation Conference, New Orleans, LA.
- Huang, S.-K., **Ge, Y.**, Lindell, M.K., Prater, C.S., *Hyde, J., Wu, H.-C., & Wei, H.-L. (2016). The Inequality of Hurricane Evacuation Logistics between Urban and Rural Residents. 2016 National Evacuation Conference, New Orleans, LA.
- Ge, Y.** (2015). Black Gold or Fire Balls: A Risk Analysis of the Train Derailment and Oil Explosion Emergency in Casselton, North Dakota. 17th Emergency Management Higher Education Symposium, Emmitsburg, MD.
- Ge, Y.**, Huang, S.-K., Lindell, M.K., Prater, C.S., & Wu, H.-C. (2014). Vulnerability and Hurricane Evacuation Expectations in the Lower Rio Grande Valley. 2014 International Research Committee on Disasters Researchers Meeting, Broomfield, CO.
- Ge, Y.** & Lindell, M.K. (2012). Coastal Planners’ Perceptions of Land Use Planning Tools in the U.S. Pacific Coastal Counties. Social Coast Forum 2012: Social Science for Coastal Decision-Making, NOAA Coastal Service Center, Charleston, SC.
- Ge, Y.** & Lindell, M.K. (2011). Modeling Planners’ Perceptions of Land Use Planning Tools in Plan Making Processes: A Planners’ Survey in the U.S. Pacific States. 52nd Conference of Association of Collegiate Schools of Planning, Salt Lake City, UT.
- Ge, Y.** & Lindell, M.K. (2011). Do Better Land Use Tools Result in Less Natural Hazard Damage? An Examination of Planners’ Perceptions. 2011 International Research Committee on Disasters Researchers Meeting, Broomfield, CO.
- Ge, Y.** & Lindell, M.K. (2010). Do Better Land Use Tools Result in Less Natural Hazard Damage? Perspectives from Urban Planners. 51st Conference of Association of Collegiate Schools of Planning, Minneapolis, MN.
- Ge, Y.**, Peacock, W.G. (presenter), & Lindell, M.K. (2009). Florida Households’ Responses to Hurricane Mitigation Incentives. 50th Conference of Association of Collegiate Schools of Planning, Crystal City, VA.

PEER-REVIEWED POSTERS (10)

- Ling, L., Murray-Tuite, P., Lee, S., **Ge, Y.**, & Ukkusuri, S. (2020). Do Information Uncertainty and Social Network Contribute to Shadow Evacuation and Non-Compliance Behavior? 99th Transportation Research Board Annual Meeting, Washington, DC.

- Alawadi, R., *Bian, R., Murray-Tuite, P., Ukkusuri, S., & **Ge, Y.** (2020). A Zero Truncated Poisson Model of the Number of Household Vehicles Used to Evacuate from Hurricane Matthew. 99th Transportation Research Board Annual Meeting, Washington, DC.
- Ukkusuri, S., Murray-Tuite, P., Lee, S., **Ge, Y.**, Klenow, D.J., Gehlot, H., Marasco, D., Shen, J., Alawadi, R., **Savitt, A., & **Iman, S. (2019). The Hazards SEES Project: Collaborative Research Concerning Transportation and Behavior in Hurricanes Evacuation Scenarios. 44th Annual Natural Hazards Research & Application Workshop, Broomfield, CO.
- Abhishek, D., Gehlot, H., Ukkusuri, S.V., Murray-Tuite, P., **Ge, Y.**, & Lee, S. (2019). Evacuation Decision Making in Hurricanes. 98th Transportation Research Board Annual Meeting, Washington, DC.
- Lim, S. H., **Ge, Y.**, Jia, X., Jacobs, J., & Schroeder, R. (presenter). (2018). Socioeconomic Impacts of the Satellite Enhanced Snowmelt Flood Predictions in the Red River of the North Basin. 2018 American Geophysical Union Fall Meeting, Washington, DC.
- *Hyde, J. & **Ge, Y.** (2016). Avoiding the “Windshield-Wiper” Effect: A Meteorologist Survey of Hurricane Track Forecast Uncertainty. 41st Annual Natural Hazards Research & Application Workshop, Broomfield, CO.
- Yan, J. & **Ge, Y.** (2016). Path Optimization of Relief Supplies Delivery in Unconventional Emergencies. 41st Annual Natural Hazards Research & Application Workshop, Broomfield, CO.
- Huang, S.-K., **Ge, Y.**, Lindell, M.K., Prater, C.S., & Wu, H.-C. (2013). Households’ Hurricane Evacuation Expectations in Lower Rio Grande Valley. 38th Annual Natural Hazards Research & Application Workshop, Broomfield, CO.
- Ge, Y.** & Lindell, M.K. (2011). Modeling Planners’ Perceptions of Land Use Planning Tools in the U.S. Pacific States. 36th Annual Natural Hazards Research & Application Workshop, Broomfield, CO.
- Ge, Y.**, Peacock, W.G., & Lindell, M.K. (2009). Design Hazard Mitigation Incentives for Local Residents: Florida Single-family Household Response to Hurricane Mitigation Incentives. 34th Annual Natural Hazards Research & Application Workshop, Broomfield, CO.

MEDIA COVERAGE

1. *Science News*. What Data Do Cities Like Orlando Need to Prepare for Climate Migrants? Featured May 19th, 2020 and phone interviewed January 24th, 2020, https://www.sciencenews.org/article/climate-change-migrants-destination-cities-data-orlando?fbclid=IwAR07ITg3faspnTTntNBX2IpV-ucet_0AcK7Bqg9Ov1vo9FZOyILet73d2GM
2. WDAY-ABC. In Light of Hurricane Matthew, We Spoke to NDSU Professor Who’s Been Investigating Hurricane Evacuations. Featured on October 7th, 2016, <http://www.wday.com/news/north-dakota/4131966-light-hurricane-matthew-we-spoke-ndsu-professor-whose-been-investigating>
3. Prairie Public Radio. Recorded talk about Hurricane Matthew Evacuation Behaviors. Featured October 7th, 2016.
4. *The Forum of Fargo-Moorhead*. Hurricane Matthew Focus of Ambitious Study Involving NDSU Researcher. Featured October 8th, 2016, <http://www.inforum.com/news/4131996-hurricane-matthew-focus-ambitious-study-involving-ndsu-researcher>. (**front-page article on the number one newspaper in the Fargo-Moorhead Metropolitan Area; reprinted by newspapers in North Dakota and Internet news media nationwide**)
5. KVRR-Fox. Live talk in the Morning News. Featured October 10th, 2016.
6. NDSU News, Banner Stories. NDSU Researchers to Study Hurricane Matthew Evacuation Decision-Making. Featured October 10th - 31st, 2016, https://www.ndsu.edu/news/banner_stories/hurricanematthew/.
7. NDSU Facebook Homepage. NDSU Researchers to Study Hurricane Matthew Evacuation Decision-Making. Featured April 19th, 2017, https://www.facebook.com/ndsu.fargo/?hc_ref=SEARCH&fref=nf.

TEACHING

CURRENT COURSES (* **new preps**; Web unless otherwise noted)

UCF, School of Public Administration

- *PAD4390: Hazard Mitigation and Preparedness (Su20, Fa19) (Mixed Mode - Fa18)
- PAD4395: Disaster Response and Recovery (Sp21, Sp20, Su19, Sp19)
- PAD4906: Independent Study (Su20, Sp20)
- *PAD6200: International Emergency and Crisis Management (Sp21)
- *PAD6357: Urban Resilience (Fa20, Sp20) [an approved elective in a proposed certificate program by the Resilient, Intelligent and Sustainable Energy Systems (RISES) Cluster at UCF]
- PAD6397: Managing Emergencies and Crises (Fa19)
- PAD6700: Research Methods for Public Administration (Sp19)
- *PAF7908: Directed Independent Study: Emergency Operation Management (F2F - Fa20)
- PAF7919: Doctoral Research (F2F - Fa20)

COURSES TAUGHT (* **new preps**; Face-to-Face unless otherwise noted)

NDSU, Department of Emergency Management

- EMGT101: Emergencies, Disasters, and Catastrophes (Sp18)
- *EMGT262: Disaster Mitigation (Fa17, Sp17, Sp15, Fa14)
- *EMGT414/614: Spatial Analysis in Emergency Management (GIS) (Sp17, Fa16, Fa15, Fa14, Fa13)
- *EMGT420/620: Hazard, Risk, and Vulnerability Assessments (Sp16, Sp14)
- *EMGT425/625: International Emergency Management (Fa16, Fa15)
- *EMGT762: Mitigation Theory and Practice (Sp18, Sp15)
- EMGT793: Individual Study (Fa17)
- EMGT795: Field Experience/Practicum (Sp18)
- EMGT797: Master's Paper (Sp18)
- EMGT798: Master's Thesis (Su15, Sp16, Su16, Fa16, Sp17, Su17, Fa17, Sp18)
- *EMGT862: Mitigation Theory II (PhD only) (Fa16)
- SOC443/643: International Disasters (Web - Su13)

NDSU, Master of Public Health Program

- *MPH720: Environmental Health (Web - Sp14, Sp13)
- MPH793: Individual Study (Su13, Fa13, Sp14, Su14)
- MPH794: Practicum (Su13, Fa13)

TAMU, Department of Landscape Architecture & Urban Planning

- URSC310: Urban Analytic Research Methods II (Sp12, Sp11)

COURSE DEVELOPMENT

University of Modern Sciences, Dubai, United Arab Emirates Master of Science in Crisis and Emergency Management MCEM605: Risk Management and Disaster Risk Reduction (2015-2018)

GUEST LECTURES

NDSU, Master of Public Health Program

- MPH752: Advanced Topics in Epidemiology. "GIS Applications in Epidemiology", January 2018
- MPH704: Leadership and Management of Public Health Systems. "Disaster Preparedness and Public Health Response", November 2017, November 2016

MPH704: Leadership and Management of Public Health Systems. “GIS and Public Health”, October 2015,
October 2014, October 2013

MPH790: Community Health Science Graduate Seminar. “Logic Model for Program Evaluation”, April 2014

MPH790: Community Health Science Graduate Seminar. “GIS Applications in Public Health”, November 2013

NDSU, Department of Civil and Environmental Engineering

CE790: Graduate Seminar. “Research Opportunities in Emergency Management”, December 2017

NDSU, Department of Health, Nutrition, and Exercise Sciences

HNES754: Assessment in Nutrition and Exercise Science. “GIS Applications in HNES”, December 2015

TAMU, Department of Recreation, Park, and Tourism Sciences

RPTS489: Tourism Social Impacts. “Urban Planning and Tourism Planning in Lhasa City, China” and “World Heritage Sites in Beijing, China”, November 2007

ADVISING & MENTORING

POSTDOCTORAL SCHOLAR SUPERVISION

Dr. Yago Martín, Urban Resilience Postdoctoral Scholar, School of Public Administration, UCF, 2019-2021

VISITING SCHOLAR SUPERVISION

Dr. Junai Yan, Professor of Emergency Management, School of Management Science and Engineering, Shanxi University of Finance and Economics, China, 2015-2016

DOCTORAL ADVISORY COMMITTEES

UCF

Member, Faisal Mohamidi, Ph.D., Public Affairs (December 2020, expected)

NDSU

Member, Amanda Savitt, Ph.D., Emergency Management (May 2019)

Member, Steven Thompson, Ph.D., Emergency Management (May 2017)

Member, Regine Laurence Chauvet, Ph.D., Emergency Management (suspended)

Member, Vu Dang, Ph.D., Transportation & Logistics (suspended)

MASTERS ADVISORY COMMITTEES

NDSU

Chair, Vincent Burkhardt, M.S., Emergency Management (August 2018)

Chair, Erica Black, M.S., Emergency Management (August 2018)

Chair, James Hyde, M.S., Emergency Management (May 2017)

Member, Katelyn Kutemeier, M.S., Community Development (August 2018)

Member, Kathryn Campbell, M.S., Applied Statistics (May 2017)

Member, Matt Nelson, M.S., Emergency Management (May 2015)

Member, Amanda Savitt, M.S., Emergency Management (May 2015)

Member, Jenna Currie-Mueller, M.A., Mass Communication (May 2014)

ACADEMIC SERVICE (leadership roles in **bold**)

PROFESSIONAL SERVICE

Member, FEMA’s Higher Education Symposium, Annual Scholarship of Teaching and Learning Award

Committee, 2019

Member, Governor's Hurricane Conference, Educational Outreach Committee, 2019-present

Faculty Affiliate, [Hazard Reduction and Recovery Center](#), Texas A&M University, 2018-present

COMMUNITY SERVICE

Invited Participant, Built Environment Focus Group. Orlando's Future Ready Master Plan and Roadmap Roundtable Meetings. January 28, 2020, Orlando, FL.

UNIVERSITY SERVICE

UCF

UCF Fellow, [Center for Global Economic and Environmental Opportunities](#), 2020-present

Affiliate Faculty Member, [Puerto Rico Research Hub](#), 2019-present

Reviewer, UCF Seed Funding Program, Office of Research, 2019

UCF College of Community Innovation and Education (CCIE)

Member, CCIE Scholarship Committee, 2019-present

Member, CCIE International Faculty Group, 2018-present

UCF School of Public Administration (SPA)

Faculty Co-Lead, [Urban Resilience Initiative](#), 2018-present

Faculty Liaison, Bachelor of Arts/Science of Emergency Management Program, 2019-present

Acting Director, Master of Emergency and Crisis Management Program, Fall 2019

Chair, SPA Scholarship Committee, 2019-present

Faculty Advisor, Emergency Management Student Association, 2019-present

Member, Center for Public & Nonprofit Management, Oversight Committee, 2019-present

Member, Emergency Management and Homeland Security Advisory Board, 2018-present

NDSU College of Arts, Humanities and Social Sciences (AHSS)

Member, AHSS Curriculum Committee, 2017-2018

Member, Associate Dean for Faculty Development Search Committee, 2014

NDSU Department of Emergency Management (DEM)

Graduate Coordinator, PhD and Master of Emergency Management Programs, 2015-2018

Member, Graduate Admission Committee, 2013-2018

Member, Center for Emergency Management Education and Research, Co-Director Search Committee, 2015

Member, Faculty Search Committee, 2014-2015

NDSU Master of Public Health Program (MPH)

Member, MPH Admission Committee, 2014

AD HOC REVIEWS & EDITORIAL WORK

Managing Editor, [International Journal of Mass Emergencies and Disasters](#), International Research Committee on Disasters of the International Sociological Association, 2011-2013

Book Proposals

Routledge, 2018

Elsevier Education, 2018

John Wiley & Sons, 2015

Manuscripts for Journals and Conference Proceedings

Public Administration Review, 2020, 2019

Career Development International, 2019, 2018

Natural Hazards, 2017

International Journal of Disaster Risk Reduction, 2016

Disasters, 2015

Risk Analysis, 2015, 2014

The 8th International Association for China Planning (IACP) Conference Proceeding, 2014

Journal of the Association of Information Science and Technology, 2014

International Journal of Mass Emergencies and Disasters, 2013

PROFESSIONAL ASSOCIATIONS

American Society for Public Administration (ASPA)

The Institute for Operations Research and the Management Sciences (INFORMS)

International Sociological Association, Research Committee on the Sociology of Disasters (ISA-RC39)

Association of Collegiate Schools of Planning (ACSP)

PROFESSIONAL DEVELOPMENT

UCF

Office of Research, “NSF CAREER Proposal Training Workshops and Mentoring Program”, 2020

College of Community Innovation and Education, “CCIE Assistant Professor Mentoring Program Monthly Meetings”, 2019-2020

School of Public Administration, “Faculty Teaching Circle”, November 2019

Center for Distributed Learning, “IDL6543: An 80-hour Faculty Development Course for Teaching Fully Online (W) or Mixed Mode (M) Courses”, Fall 2018

NDSU

Office of Research and Creative Activity, “Best Practices and Tips for Creating a Successful Proposal Budget”, January 2017

College of Arts, Humanities, and Social Sciences, “Teaching Café”, 2016-2017

Faculty Luncheon, “Development, Implementation, and Assessment of Activity-based Instruction”, August 2016

Office of Research and Creative Activity, “NSF Day at NDSU”, May 2016

Office of Research and Creative Activity, “Writing Winning NSF Grant Proposals”, May 2016

Pedagogical Luncheon, “Recruitment and Retention for a Diverse Dynamic Institution”, September 2015

FORWARD Office, “Getting Ready for Summer Research”, May 2015

Office of Research and Creative Activity, “Writing Winning NIH/USDA Grant Proposals”, April 2015

Pedagogical Luncheon, “Value of Mentoring”, January 2015

FORWARD Office, “Faculty Search Committee Training”, September 2014

Office of Research and Creative Activity, “Using PIVOT for Customized Grant Searches and Your Expertise Profile”, February 2014

Office of Research and Creative Activity, “Grant Roundtables – Geer Up for Grants”, November 2013

TAMU

Graduate Teaching Academy, May 2009 (one-year graduate teaching certificate program)