

YUE ‘GURT’ GE

School of Public Administration, University of Central Florida
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(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 (CAUPD), 2003
- B.S., Urban & Regional Planning, Peking University (PKU), 2000

AREAS OF SPECIALIZATION

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

PROFESSIONAL APPOINTMENTS

CURRENT POSITIONS

1. Secondary Joint Appointment, Faculty Cluster Initiative - Resilient, Intelligent, Sustainable Energy Systems (RISES) Cluster, University of Central Florida (UCF), 2021-present
2. Assistant Professor, School of Public Administration, UCF, 2018-present

PAST POSITIONS

1. Faculty Liaison, Bachelor of Arts/Bachelor of Science in Emergency Management Program, UCF, 2019-2021
2. Acting Director, Master of Emergency and Crisis Management Program, UCF, Fall 2019
3. Graduate Coordinator, Department of Emergency Management, North Dakota State University (NDSU), 2015-2018
4. Assistant Professor, Department of Emergency Management, NDSU, 2013-2018
5. Core Faculty Member, Community Health Sciences Track, Master of Public Health Program, NDSU, 2013-2014
6. Urban Planner, CAUPD, 2003-2005

AWARDS & HONORS

1. Early Career Faculty Award, \$100,000, National Center for Atmospheric Research (NCAR), Early Career Faculty Innovator Program, 2021-2023
2. Faculty Fellow, Pi Alpha Alpha UCF Chapter, 2019-present
3. Urban Resilience Faculty Start-up Award, \$125,000, UCF, 2018-2022
4. Travel Grant for the Interdisciplinary Methods of Disaster Research Workshop Series, \$1,750, National Science Foundation (NSF), 2017-2018

GRANTS & CONTRACTS

EXTERNAL G&C (\$4.28M in total; \$1.25M to Ge)

1. **PI.** *Communicating Hurricane Forecasts for the Critical Infrastructure Resilience in Florida.* \$100,000 (Cooperative Agreement # 1755088). **NCAR** (a major facility sponsored by the NSF), [Early Career Faculty Innovator Program](#). 2021-2023. Co-PI: Morss, R.
2. Core Team Member. *County-Wide Disaster Resilience Plan.* Technical assistance grant (non-monetary). **U.S. Environmental Protection Agency (EPA)**, [Building Blocks for Sustainable Communities Program](#). 2021-2022. Lead: Benavides, J. Core Team Members: Avery, L., Forsman, L., Castro, C., Rupert, J., & Torrealba, C.
3. **PI.** *SCC-IRG Track 2: Leveraging Smart Technologies and Managing Community Resilience through Networked Communities and Cross-Sector Partnerships.* \$1,225,000 (Award # CMMI 1952792, 68% PI credit). **NSF**, [Smart and Connected Communities \(S&CC\) Program](#). 2020-2023. Co-PIs: Zobel, Wang, H., Wang, L., & Kapucu, N. Senior Personnel: Hall, J., Hasan, S., Martín, Y., & Cechowski, M.
4. Co-Lead. *Assessing the Impacts of Social Distancing through Data Synthesis.* \$1,000 (25% PI credit, \$250 to Ge). NSF-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.
5. 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; 26% PI credit, \$64,573 to Ge). **National Aeronautics and Space Administration (NASA)**, [Water Resources Applied Sciences Program](#). 2017-2019. PI: Jacobs, J. Co-PIs: Lim, S. & Croope, S.V.
6. Co-PI. *Bridging Information, Uncertainty and Decision-Making in Hurricanes Using an Interdisciplinary Perspective.* \$2,475,000 (Award # CMMI 1520338; 10% PI credit, \$249,943 to Ge). **NSF**, [Interdisciplinary Research in Hazards and Disasters \(Hazards SEES\) Program](#). 2015-2021. PI: Ukkusuri, S. Co-PIs: Murray-Tuite, P.M., Kulkarni, M., & Lee, S. Senior Personnel: Klenow, D.
7. Participating Faculty. Emergency Management Course Delivery Project. \$228,818 (14% PI credit, \$31,063 to Ge). University of Modern Sciences, Dubai, United Arab Emirates. 2015-2018. PI: Klenow, D.

INTERNAL G&C (\$168.5K in total)

1. **PI.** *Research Course Reassignment Incentive (RCRI).* \$4,000. UCF College of Community Innovation and Education (CCIE). 2021.
2. **PI.** *Research Course Release Grant (RCRG).* \$4,000. UCF CCIE. 2020.
3. **PI.** *Preeminent Postdoctoral Program (P³) Matching Fund.* \$35,500. UCF College of Graduate Studies. 2019-2021.
4. **Awarded Faculty.** *Urban Resilience Faculty Start-up Award.* \$125,000. UCF. 2018-present.

MEDIA COVERAGE

UCF Today. [UCF Project Will Study Smart Tech to Improve Risk Communication in Central Florida.](#) Featured October 29th, 2020.

Science News. [What Data Do Cities Like Orlando Need to Prepare for Climate Migrants?](#) Featured May 19th, 2020 and phone interviewed January 24th, 2020.

WDAY-ABC. [In Light of Hurricane Matthew, We Spoke to NDSU Professor Who's Been Investigating Hurricane Evacuations.](#) Featured on October 7th, 2016.

Prairie Public Radio. Recorded talk about Hurricane Matthew Evacuation Behaviors. Featured October 7th, 2016.

The Forum of Fargo-Moorhead. [Hurricane Matthew Focus of Ambitious Study Involving NDSU Researcher](#). Featured October 8th, 2016. (a 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)

KVRR-Fox. Live talk in the Morning News. Featured October 10th, 2016.

NDSU News, Banner Stories. [NDSU Researchers to Study Hurricane Matthew Evacuation Decision-Making](#). Featured October 10th - 31st, 2016.

PUBLICATIONS

(† my postdoctoral scholar, * my graduate student, + my collaborator's graduate student)

PEER-REVIEWED JOURNAL ARTICLES (20)

Impact Factor - **IF** from a journal's official website; * **IF** from academic-accelerator.com; H Index - **HI** from scimagojr.com

1. Kapucu, N., **Ge, Y.**, †Martín, Y., & *Williamson, Z. (in press). [Urban resilience: Building a sustainable and safe urban environment](#). *Urban Governance*. DOI: 10.1016/j.ugj.2021.09.001.
2. Murray-Tuite, P., **Ge, Y.**, Zobel, C., Nateghi, R., & Wang, H. (2021). [Critical time, space, and decision-making agent considerations in human-centered interdisciplinary hurricane-related research](#). *Risk Analysis*, 41(7), 1218-1226. An **invited** paper in the Special Issue on Interdisciplinary Theory, Methods, and Approaches for Hazards and Disaster Research. DOI: 10.1111/risa.13380. [IF: 4.000] [HI: 130]
3. **Ge, Y.**, Zobel, C., Murray-Tuite, P., Nateghi, R., & Wang, H. (2021). [Building an interdisciplinary team for disaster response research: A data-driven approach](#). *Risk Analysis*, 41(7), 1145-1151. An **invited** paper in the Special Issue on Interdisciplinary Theory, Methods, and Approaches for Hazards and Disaster Research. DOI: 10.1111/risa.13280. [IF: 4.000] [HI: 130]
4. + Li, Z., Wei, J., & **Ge, Y.** (2021). [Local support for the corporate new investment project: The roles of corporate reputation, project's CSR behavior and residential income level](#). *Asia Pacific Journal of Management*. DOI: 10.1007/s10490-021-09779-5. [IF: 5.616] [HI: 78]
5. †Martín, Y., Li, Z., **Ge, Y.**, & Huang, X. (2021). [Introducing Twitter daily estimates of residents and non-residents at the county level](#). *Social Sciences*, 10(6), 227. DOI: 10.3390/socsci10060227. [*IF: 1.192] [HI: 19]
6. *Iman, S. & **Ge, Y.** (2021). [University public-private partnerships for addressing student emergency needs: A literature review](#). *Journal of Emergency Management*, 19(2), 209-219. DOI: 10.5055/jem.0543. [*IF: 0.567] [HI: 10]
7. Lee, S., + Benedict, B., **Ge, Y.**, Murray-Tuite, P., & Ukkusuri, S. (2021). [An application of media and network multiplexity theory to the structure and perceptions of information environments in hurricane evacuation](#). *Journal of the Association for Information Science and Technology*, 72(7), 885-900. DOI: 10.1002/asi.24456. [IF: 2.687] [HI: 145]
8. + Ling, L., Murray-Tuite, P., Lee, S., **Ge, Y.**, & Ukkusuri, S. (2021). [Role of uncertainty and social networks on shadow evacuation behavior in hurricanes](#). *Transportation Research Record: Journal of the Transportation Research Board*, 2675(3), 53-64. DOI: 10.1177/0361198120962801. [IF: 1.560] [HI: 119]
9. + 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. [IF: 5.495] [HI: 99]
10. 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. [IF: 1.258] [HI: 24]
11. *Savitt, A. & **Ge, Y.** (2019). [Intra-family decision making in disaster evacuations: A literature review](#). *Family Science Review*, 23(3), 39-54.

12. 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. [IF: 1.353] [HI: 3]
13. 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. DOI: 10.1080/13669877.2016.1247377. [IF: 2.583] [HI: 61]
14. 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. DOI: 10.1108/IJHMA-06-2016-0045. [*IF: 1.259] [HI: 19]
15. + 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. DOI: 10.1007/s11069-016-2597-1. [IF: 3.102] [HI: 105]
16. 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. DOI: 10.1177/0265813515594810. [IF: 3.619] [HI: 90]
17. 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. DOI: 10.1155/2016/9816152. [IF: 1.802] [HI: 34]
18. 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](#). DOI: 10.1111/j.1539-6924.2011.01606.x. [IF: 4.000] [HI: 130]
19. 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. DOI: 10.3974/j.issn.2095-0055.2010.02.003. [IF: 3.727] [HI: 29]
20. Gui, X. & Ge, Y. (2005). Funds for conservation of historic district. *City Planning Review*, 29(7), 79-83. (in Chinese)

PEER-REVIEWED CONFERENCE PROCEEDINGS (1)

21. Pamuksu, D., Zobel, C., & Ge, Y. (2021). [Analysis of Orange County 311 system service requests during the COVID-19 pandemic](#). *Proceeding of the 18th Annual Conference on Information Systems for Crisis Response and Management (ISCRAM 2021)*.

EDITOR-REVIEWED BOOK CHAPTERS (2)

22. Page, S. & Ge, Y. (2009). [Transport and tourism: A symbiotic relationship?](#) In T. Jamal & M. Robinson (Eds.), *The Sage handbook of tourism studies*. Sage Publications. DOI: 10.4135/9780857021076.n21.
23. 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 B. Wu & Z. Song (Eds.), *Tourism development and public administration*. China Travel & Tourism Press. (in Chinese)

TECHNICAL REPORTS (3)

24. Kapucu, N., Ge, Y., †Martín, Y., & *Williamson, Z. (2020). [Urban resilience: Building a sustainable and safe urban environment](#). A White Paper of the Urban Resilience Initiative, School of Public Administration at UCF.
25. 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.

26. 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](#). A final report for the Gulf Coast Cooperative Ecosystems Studies Unit, U.S. Army Corps of Engineers (Cooperative Agreement #W912HZ-12-2-0006).

JOURNAL ARTICLES UNDER REVIEW (4)

27. Lim, S.H., **Ge, Y.**, Jacobs, J., & Jia, X. Measuring the economic benefits of advanced technology use for river flood forecasting. (2nd R&R to *Journal of Flood Risk Management*) [IF: 3.884] [HI: 36]
28. + Adjei, E., Murray-Tuite, P., **Ge, Y.**, Ukkusuri, S. & Lee, S. Estimating hurricane evacuation destination and accommodation type selection with perceived certainty variables. (R&R to *Transportation Research Part D: Transport and Environment*) [IF: 5.495] [HI: 99]
29. + Adjei, E., Murray-Tuite, P., Bian, R., Ukkusuri, S., **Ge, Y.**, & Lee, S. Households' evacuation-related first decisions. (under R&R with *Risk Analysis*) [IF: 4.000] [HI: 130]
30. Huang, X., †Martín, Y., Wang, S., Zhang, M., Gong, X., **Ge, Y.**, & Li, Z. The promise of excess mobility analyses: Measuring episodic-mobility with geotagged social media data. (under R&R with *Cartography and Geographic Information Science*) [IF: 3.227] [HI: 57]

CONFERENCE PRESENTATIONS

(† my postdoctoral scholar, * my graduate student, + my collaborator's graduate student)

INVITED PANELS & PRESENTATIONS (8)

- Ge, Y.** (moderator) (2021). Approaches to risk communication. 2021 International Research Committee on Disasters Researchers Meeting. (virtual panel)
- Ge, Y.** (2021). Leveraging smart technologies and managing community resilience through networked communities and cross-sector partnerships. 2021 NSF Smart & Connected Communities Principal Investigators' Meeting. April 8, 2021. (virtual lightning talk session)
- Ge, Y.** (moderator) (2021). UCF's Urban Resilience Initiative: Finding balanced and sustainable solutions to complex problems through interdisciplinary research & community-university partnerships. 15th Annual Public Administration Research Conference. March 19, 2021. School of Public Administration, UCF. (virtual panel)
- Ge, Y.** (2020). [Ready to receive: How central Florida is preparing for migration](#). Higher Ground: Building the Cities We Need for Climate Change. December 1, 2020. NewCities Foundation and City of Orlando. (virtual panel)
- Ge, Y.** (2020). Interdisciplinary and community-engaged urban resilience research. e-LED Talks. November 10, 2020. College of Community Innovation and Education, UCF. (virtual panel)
- 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. Rosen College of Hospitality Management, UCF. (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 (32)

- + Verma, R., Shen, J., Murray-Tuite, P., Lee, S., **Ge, Y.**, & Ukkusuri, S. V. (accepted). How hurricane evacuation dynamic decision-making progresses with evacuation information seeking behavior. Transportation Research Board 101st Annual Meeting, Washington, DC.
- Zobel, C., Venkatesh, V., + Pamuksu, D., & **Ge, Y.** (2021). Calling 311 during COVID: Improving the effectiveness of information access during a disaster. UTSA Disaster Management Workshop. October 2021. (virtual conference upon abstract acceptance for a special issue call on Unleashing the Power of Information Technology for Strategic Management of Disasters in the journal, *Information Systems Research* [IF: 5.207] [HI: 159])
- *Iman, S. & **Ge, Y.** (2021). The role of public-private partnerships in IT-enhanced risk communication and community resilience. 2021 International Research Committee on Disasters Researchers Meeting. July 15-16, 2021. (virtual conference)
- + Pamuksu, D., Zobel, C., & **Ge, Y.** (2021). Analysis of Orange County 311 system service requests during the COVID-19 pandemic. 18th Annual Conference on Information Systems for Crisis Response and Management (ISCRAM 2021). May 23-26, 2021. (virtual conference)
- Zobel, C., + Pamuksu, D., & **Ge, Y.** (2021). 311 Non-emergency call system reactions to COVID-19 pandemic. 2021 Production and Operations Management Society (POMS) Annual Conference. May 5, 2021. (virtual conference)
- Ge, Y.** (2021). NSF Smart & Connected Communities grant proposal and updates. 15th Annual Public Administration Research Conference. March 19, 2021. School of Public Administration, UCF. (virtual conference)
- 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., & Szmerkovsky, 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.**, & Szmerkovsky, 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.

- + Jaiswal, M., Huang, S.-K., Kushma, J., Jerolleman, A., Prater, C., **Ge, Y.**, & Lindell, M.K. (2021). Determinants of residents' shadow evacuation intention in the Rio Grande Valley, Texas. 46th Annual Natural Hazards Research & Application Workshop, Broomfield, CO. (virtual conference)
- Ge, Y.** (2021). Leveraging smart technologies and managing community resilience through networked communities and cross-sector partnerships. 2021 NSF Smart & Connected Communities Principal Investigators' Meeting. (virtual poster session)
- + 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.

TEACHING

CURRENT COURSES (* **new preps** = 3; Web unless otherwise noted)

UCF, School of Public Administration

- *PAD4390: Hazard Mitigation and Preparedness (Su20, Fa19) (Mixed Mode - Fa18)
- PAD4395: Disaster Response and Recovery (Sp20, Su19, Sp19)
- PAD4906: Independent Study (Su20, Sp20)
- *PAD6200: International Emergency and Crisis Management (Sp22, Sp21)
- *PAD6357: Urban Resilience (Fa21, Fa20, Sp20)
- PAD6397: Managing Emergencies and Crises (Fa19)
- PAD6700: Research Methods for Public Administration (Sp19)
- PAD6908: Directed Independent Study: Decision Making of Emergency Managers (Sp21)
- PAF7908: Directed Independent Study: Emergency Operation Management (F2F - Fa20)
- PAF7919: Doctoral Research (F2F - Sp21, Fa20)
- PAF7980: Doctoral Dissertation (F2F - Fa21, Su21)

COURSES TAUGHT (* **new preps** = 7; 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 (F2F - Sp12, Sp11)

COURSE DEVELOPMENT

NDSU

- 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 SCHOLARS

UCF

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

VISITING SCHOLARS

NDSU

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

Chair, Sara Iman, Ph.D., Public Affairs (August 2022, expected)

Member, Ratna Okhai, Ph.D., Public Affairs (August 2023, expected)

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

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)

GRADUATE RESEARCH & TEACHING ASSISTANTS

UCF

Sara Iman, Ph.D., Public Affairs (2018-present, RA/TA)

Lauren Gros, Master of Emergency and Crisis Management (2021-present, RA)

Zoe Williamson, M.P.A. and M.S. in Criminal Justice Dual Degree (2020-2021, RA)

NDSU

Amanda Savitt, Ph.D., Emergency Management (2015-2018, RA)

James Hyde, M.S., Emergency Management (2015-2017, RA/ TA)

Monica L. Hyde, M.S., Museum Studies (2017-2018, RA)

SERVICE

(leadership roles in **bold**)

PROFESSIONAL SERVICE

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

Member, FEMA's Higher Education Symposium, Annual Scholarship of Teaching and Learning Award Committee, 2019

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

COMMUNITY SERVICE

Core Team Member. [County-Wide Disaster Resilience Plan](#). Technical assistance grant (non-monetary). U.S. Environmental Protection Agency (EPA), [Building Blocks for Sustainable Communities Program](#). 2021-2022.

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

UNIVERSITY SERVICE

UCF

Invited Participant, UCF Research Review – Junior Faculty Focus Group, Office of Research, 2021

Joint Faculty, [Resilience, Intelligent and Sustainable Energy Systems \(RISES\)](#) Faculty Cluster, 2021-present

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

Member, Master of Sustainable Development Program Committee, 2020-present

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

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

UCF College of Community Innovation and Education (CCIE)

Member, CCIE Research Council, 2021-present

Member, CCIE Scholarship Committee, 2019-present

Member, CCIE International Faculty Group, 2018-present

UCF School of Public Administration (SPA)

Member, Center for Public & Nonprofit Management, Advisory Board, 2021-present; Oversight Committee, 2019-2021

Chair, SPA Scholarship Committee, 2019-present

Faculty Advisor, Emergency Management Student Association, 2019-present

Faculty Liaison, Bachelor of Arts/Science of Emergency Management Program, 2019-2021

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

EDITORIAL WORK

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

SCHOLARLY REVIEWS

Grant Reviews

National Science Foundation, 2 virtual review panels, 2021
UCF Office of Research, Seed Funding Program, 1 ad hoc review, 2019

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

The Institute for Operations Research and the Management Sciences (INFORMS)
Production and Operations Management Society (POMS)
American Society for Public Administration (ASPA)
Florida Emergency Preparedness Association (FEPA)
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”, 2021, 2020
College of Community Innovation and Education, “CCIE Assistant Professor Mentoring Program Monthly Meetings”, 2020-2021, 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)