

YUE ‘GURT’ GE

School of Public Administration
University of Central Florida
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EDUCATION

EDUCATIONAL DEGREES

Ph.D., Urban & Regional Science, Texas A&M University (TAMU), 2013
M. Eng., Urban Planning & Design, China Academy of Urban Planning & Design (CAUPD), 2003
B.S., Urban & Regional Planning, Peking University, 2000

GRADUATE CERTIFICATES

Environmental Hazards Management, Hazard Reduction & Recovery Center, TAMU, 2013
Geographic Information Systems (GIS), Spatial Sciences Laboratory, TAMU, 2013
Summer Academy of Social Vulnerability, Munich Re Foundation & United Nation University’s Institute for Environment and Human Security (UNU-EHS), 2010
Summer Institute for Advanced Disaster and Risk Study, Hazard & Risk Science Base (HRSB), Beijing Normal University, 2010

AREAS OF SPECIALIZATION

SUBJECT MATTERS

Disaster Resilience, Smart and Connected Communities, Decision Making under Uncertainty, Public-Private Partnership, Humanitarian Logistics, Urban and Regional Planning, Environmental Policy, Interdisciplinary Graduate Education

METHODS

Interdisciplinary Research Methods, Team Science, Community-Engaged Research, Quantitative Methods, Mixed-Method Design, Spatial Analysis in GIS

PROFESSIONAL APPOINTMENTS

CURRENT POSITIONS

Associate Professor (tenured), School of Public Administration, University of Central Florida (UCF), 2022-present
Secondary Joint Appointment, Faculty Cluster Initiative (FCI) - Resilient, Intelligent, Sustainable Energy Systems (RISES) Cluster, UCF, 2021-present

PAST POSITIONS

Assistant Professor, School of Public Administration, UCF, 2018-2022
Faculty Liaison, Bachelor of Arts/Bachelor of Science in Emergency Management Program, UCF, 2019-2021
Acting Director, Master of Emergency and Crisis Management Program, UCF, Fall 2019
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, CAUPD, 2003-2005

AWARDS & HONORS

FCI Faculty Fellow, Faculty Cluster Initiative (FCI), UCF Office of Research, 2023

Research Incentive Award, \$5,000 (added to base salary), UCF Office of Faculty Excellence, 2023

2021 Best Paper Award, *Urban Governance* journal best paper selection committee, 2023.

[Reach for the Stars Award](#) (up to 5 awards granted per year in UCF for “highly successful research and creative activity accomplished by early-career university professionals”), \$30,000, UCF Office of Faculty Excellence, 2022

[Excellence in Mentoring Postdoctoral Scholars, Early Career Faculty Award](#) (an early career untenured faculty and a tenured faculty awarded per year in UCF), \$1,000, UCF College of Graduate Studies, 2022

[Early Career Faculty Innovator Award](#), \$100,000 (12 social sciences early-career faculty selected nationwide), National Center for Atmospheric Research (NCAR), Early Career Faculty Innovator Program, 2021-2024

SPA Knight Award, Outstanding Junior Faculty Researcher, School of Public Administration, UCF, 2020-2021

Faculty Fellow, Pi Alpha Alpha UCF Chapter, 2019-present

Urban Resilience Faculty Start-up Award, \$125,000, Faculty Cluster Initiative (FCI), UCF, 2018-2022

Travel Grant for the Interdisciplinary Methods of Disaster Research Workshop Series, \$1,750, National Science Foundation (NSF), 2017-2018

GRANTS & CONTRACTS

EXTERNAL G&C (\$5.32M in total; \$1.28M to Ge)

Co-PI. [CIVIC-FA Track A: Reimagining Urban Resilience and Education Hubs Using a Community-Engaged, Equity-Centered Approach](#). \$970,975 (Award # CMMI 2321572, 2% PI credit, \$15,911 to Ge). NSF & Department of Energy (DoE), [Civic Innovation Challenge \(CIVIC\) Program](#). 2023-2024. PI: Stevens, K. Co-PIs: Marsh, L. T., Qu, Z., & Wang, L. Senior Personnel: Concha, M., Davis, K., Emrich, C., Hess, M., & Lahiff, I.

Co-PI. [CIVIC-PG Track A: Reimagining Urban Resilience and Education Hubs Using a Community-Engaged, Equity-Centered Approach](#). \$50,000 (Award # CNS 2228444, 5% PI credit, \$2,565 to Ge). NSF, [Civic Innovation Challenge \(CIVIC\) Program](#). 2022-2024. PI: Stevens, K. Co-PIs: Marsh, L. T., Qu, Z., & Wang, L. Senior Personnel: Davis, K., Hess, M., & Lahiff, I.

PI. [SCC-IRG Track 2: Leveraging Smart Technologies and Managing Community Resilience through Networked Communities and Cross-Sector Partnerships](#). \$1,233,000 (Award # CMMI 1952792, 68% PI credit, \$841,000 to Ge). NSF, [Smart and Connected Communities \(S&CC\) Program](#). 2020-2024. Co-PIs: Zobel, C., Kapucu, N., Wang, H., & Wang, L. Senior Personnel: Hall, J., Hasan, S., Martín, Y., & Cechowski, M.

PI. [Science-Practice Partnerships for Hurricane Forecast Use in Enhancing Critical Infrastructure Resilience in Florida](#). \$100,000 (Cooperative Agreement # 1755088, \$71,700 as a UCF subaward to Ge). NCAR (a major facility sponsored by the NSF), [Early Career Faculty Innovator Program](#). 2022-2024. Co-PI: Morss, R.

Co-PI. [Leveraging Big Data Analytics to Improve the Education and Workforce Outcomes of African American and Hispanic/Latino Students at HBCUs and HSIs](#). \$15,000 (17% PI credit, \$2,500 to Ge). United Negro College Fund (UNCF) and *Excelencia* in Education, Leveraging Big Data to Achieve Equity Training Program (funded by the Bill and Melinda Gates Foundation). 2022. PI: Xu, M. Co-PIs: Tang, L., Chen, Z., Conroy, A., Wang, X., & Xie, R.

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.

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.

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.

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.

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 (\$255K in total)

PI. *FCI Faculty Fellowship*. Summer compensation (½ month) and one course buyout (\$5,000). Faculty Cluster Initiative (FCI), UCF Office of Research, 2023-2024

PI. *NSF Resilience and Manufacturing Programs UCF Outreach Workshop, March 22-24, 2023*. \$2,000. OR Sponsorship Program (AY 23-24). UCF Office of Research. 2023.

PI. *Reach for the Stars Award*. \$30,000. UCF Office of Faculty Excellence. 2022-2025.

PI. *Dean's Summer Research Incentive*. Summer compensation (1 ½ months). UCF College of Community Innovation and Education (CCIE). 2022.

PI. *Managing Emergency Operations by Public-Private Partnerships: A Pilot Study*. \$30,000. Research Seed Funding Program, ER1: Exploratory Research. UCF Office of Research and Office of the Provost. 2022-2024.

PI. *Research Course Reassignment Incentive (RCRI)*. \$4,000. UCF CCIE. 2021.

PI. *Research Course Release Grant (RCRG)*. \$4,000. UCF CCIE. 2020.

PI. *Preeminent Postdoctoral Program (P³) Matching Fund*. \$35,500. UCF College of Graduate Studies. 2019-2021. Awarded Faculty. *Urban Resilience Faculty Start-up Award*. \$125,000. UCF Faculty Cluster Initiative. 2018-2022.

MEDIA COVERAGE

UCF Office of Research. [NSF Research Outreach Visit](#). Featured March 31st, 2023.

NSM Today. [UCF-based Project Works to Provide Orlando with Hubs to Withstand Emergencies](#). Featured December 9th, 2022.

UCF Today. [UCF Researchers Awarded NSF Grant to Establish Local Resiliency Hubs](#). Featured November 14th, 2022.

UCF CCIE In the News. [UCF Public Administration Assistant Professor Named National Center for Atmospheric Research Early Career Faculty Innovator](#). Featured July 15th, 2022.

UCF Today. [UCF Reach for the Stars 2022 Honorees Are Pioneers in Their Fields of Study](#). Featured April 6th, 2022.

UCF Today. [UCF Joins Program to Strengthen Data-based Research at Minority-serving Institutions](#). Featured February 24th, 2022.

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.

NDSU News. [Emergency Management Researcher Presents at Workshop](#). Featured March 9th, 2018.

NDSU News. [Researchers to Examine Socioeconomic Impacts of Flood Forecasts](#). Featured August 9th, 2017.

- NDSU News. [Emergency Management Researcher Discuss Disaster Methods](#). Featured March 3rd, 2017.
- 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

- Ge, Y., Kapucu, N., Zobel, C. W., Hasan, S., Hall, J. L., Wang, H., Wang, L., †Martín, Y., & Cechowski, M. (2023). [Building community resilience through cross-sector partnerships and interdisciplinary research](#). *Public Administration Review*, 83(5), 1415-1422. An **invited** paper in the Special Issue of “Nexus between Emergency Management, Public Health, and Equity: Responding to Crises, and Mitigating Future Hazards”. DOI: 10.1111/puar.13697.
- Wei, H.-L., Lindell, M.K., Prater, C.S., Wei, J., Wang, F., & Ge, Y. (2022). [Perceptions drive protective actions during influenza outbreaks](#). *International Journal of Mass Emergencies and Disasters*, 40(3), 226-229. Special Issue on The Disaster Cycle. DOI: 10.1177/028072702204000305.
Key findings and ideas **rewritten** by Laurie J. Schmidt and published on February 22, 2023 as “[Perceptions drive protective actions during influenza outbreaks](#)” in *Research Counts*, the Disaster cycle Special Collection, Natural Hazards Center, University of Colorado, Boulder.
- Kapucu, N., + Okhai, R., Ge, Y., & Zobel, C. W. (2022). [The use of documentary data for network analysis in emergency and crisis management](#). *Natural Hazards*. DOI: 10.1007/s11069-022-05681-5.
- + Adjei, E., + Benedict, B. C., Murray-Tuite, P., Lee, S., Ukkusuri, S., & Ge, Y. (2022). [Effects of risk perception and perceived certainty on evacuate/stay decisions](#). *International Journal of Disaster Risk Reduction*, 80, 103247. DOI: 10.1016/j.ijdr.2022.103247.
- + Verma, R., + Shen, J., + Benedict, B. C., Murray-Tuite, P., Lee, S., Ge, Y., & Ukkusuri, S. V. (2022). [Progression of hurricane evacuation-related dynamic decision-making with information processing](#). *Transportation Research Part D: Transport and Environment*, 108, 103323. DOI: 10.1016/j.trd.2022.103323.
- + Adjei, E., Murray-Tuite, P., Ge, Y., Ukkusuri, S., & Lee, S. (2022). [Estimating hurricane evacuation destination and accommodation type selection with perceived certainty variables](#). *Transportation Research Part D: Transport and Environment*, 105, 103235. DOI: 10.1016/j.trd.2022.103235.
- Huang, X., †Martín, Y., Wang, S., Zhang, M., Gong, X., Ge, Y., & Li, Z. (2022). [The promise of excess mobility analyses: Measuring episodic-mobility with geotagged social media data](#). *Cartography and Geographic Information Science*. DOI: 10.1080/15230406.2021.2023366.
- Lim, S.H., Ge, Y., Jacobs, J., & Jia, X. (2022). [Measuring the economic benefits of advanced technology use for river flood forecasting](#). *Journal of Flood Risk Management*, e12781. DOI: 10.1111/jfr3.12781.
- Kapucu, N., Ge, Y., †Martín, Y., & *Williamson, Z. (2021). [Urban resilience: Building a sustainable and safe urban environment](#). *Urban Governance*, 1(1), 10-16. DOI: 10.1016/j.ugj.2021.09.001.
[2021 Best Paper Award, *Urban Governance*].

- 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 of “Interdisciplinary Theory, Methods, and Approaches for Hazards and Disaster Research”. DOI: 10.1111/risa.13380.
- 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 of “Interdisciplinary Theory, Methods, and Approaches for Hazards and Disaster Research”. DOI: 10.1111/risa.13280.
- + 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.
- †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.
- *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.
- 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.
- + 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.
- + 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.
- 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.
- *Savitt, A. & **Ge, Y.** (2019). [Intra-family decision making in disaster evacuations: A literature review](#). *Family Science Review*, 23(3), 39-54.
- 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.
- 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.
- Saginer, 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.
- + 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.
- 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.

- 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.
- 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.
- 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.
- Gui, X. & Ge, Y. (2005). Funds for conservation of historic district. *City Planning Review*, 29(7), 79-83. (in Chinese)

PEER-REVIEWED CONFERENCE PROCEEDINGS

- + Pamukcu, D., Zobel, C., & Ge, Y. (2023). [Prioritization of disaster-related requests in an IT-enabled public service system](#). *Proceeding of the 20th Annual Conference on Information Systems for Crisis Response and Management (ISCRAM 2023)*.
- + Pamukcu, D., Zobel, C., & Ge, Y. (2022). [A Data Envelopment Analysis-based approach for managing performance of public service systems during a disaster](#). *Proceeding of the 19th Annual Conference on Information Systems for Crisis Response and Management (ISCRAM 2022)*.
- + Pamukcu, 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

- 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.
- 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

- Xu, M., Tang, L., & Ge, Y. (2022). Interdisciplinary research in graduate education and training: A preliminary analysis of NSF interdisciplinary grants. A final report for the United Negro College Fund (UNCF) and *Excelencia in Education*, Leveraging Big Data to Achieve Equity Training Program.
- 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.
- 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.
- 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).

ARTICLES UNDER PEER REVIEW

- *Iman, S., **Ge, Y.** (corresponding author), Klenow, D. J., *Savitt, A., & Murray-Tuite, P. Understanding the decision-making process for hurricane evacuation orders: A case study of Florida county emergency managers. (R&R)
- + Noor, N., Hasan, S., + Okhai, R., Kapucu, N., & **Ge, Y.** Social media-based crisis communication: Assessing the engagement of local agencies in Twitter during Hurricane Irma. (R&R)
- + Adjei, E., Murray-Tuite, P., Bian, R., Ukkusuri, S., **Ge, Y.**, & Lee, S. Households' evacuation-related first decisions. (R&R)
- + Ling, L., Ukkusuri, S. V., Murray-Tuite, P., Lee, S., & **Ge, Y.** Modeling the causality of received information, certainty, and decision making in hurricane evacuations. (R&R)

CONFERENCE PRESENTATIONS

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

INVITED PANELS & PRESENTATIONS

- Ge, Y.** (panelist) (2023). Resilience and sustainability research. CCIE Virtual Faculty Research Circle. College of Community Innovation and Education, UCF. September 20, 2023. (virtual panel)
- Ge, Y.** (co-presenter), *Phoa, T. B., & Morss, R. (2023). Science-practice partnerships for hurricane forecast use in enhancing critical infrastructure resilience in Florida. Forging New Collaborations for Advancement of Equity through Convergence Research, PI Symposium, Early Career Faculty Innovator Program, National Center for Atmospheric Research. August 1, 2023, Boulder, CO.
- Ge, Y.** (panelist) (2023). Smart, connected, and resilient communities in the human-centered digital twins system. Florida Digital Twin: Accelerating Digital Twins Workshop – UCF, City of Orlando, Orange County, Smart Cities Council, & Digital Twin Consortium. February 1-2, 2023, Orlando, FL.
- Ge, Y.** (presenter) (2022). [Leveraging smart technologies and managing community resilience through networked communities and cross-sector partnerships](#). 2022 NSF Smart & Connected Communities Principal Investigators' Meeting. October 11-12, 2022, Arlington, VA. (virtual lightning talk session)
- Ge, Y.** (panelist) (2022). [Keynote and Plenary Panel: Local Communities of Practice](#). 12th International Crisis and Risk Communication Conference. March 7-9, 2022, Orlando, FL.
- Ge, Y.** (presenter) (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.** (panelist) (2020). [Ready to receive: How central Florida is preparing for migration](#). Higher Ground: Building the Cities We Need for Climate Change. NewCities Foundation and City of Orlando. December 1, 2020. (virtual panel)
- Ge, Y.** (panelist) (2020). Interdisciplinary and community-engaged urban resilience research. e-LED Talks. College of Community Innovation and Education, UCF. November 10, 2020. (virtual panel)
- Ge, Y.** (presenter), 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.

CHAIRIED CONFERENCES & MODERATED PANELS/SESSIONS

- Zobel, C., & **Ge, Y.** (session co-chair). (2024). Humanitarian Operations and Crisis Management. 34th Production and Operations Management Society (POMS) Annual Conference. April 26-29, 2024, Minneapolis, MN.

- Ge, Y.** (chair) (2023). NSF Program Directors' UCF Outreach Workshop. Urban Resilience Initiative & Office of Research, University of Central Florida. March 22-24, 2023, Orlando, FL.
- Ge, Y.** (moderator) (2023). Role of communities. Research and Development in Hazard Mitigation and Resilience, Resilient America Program, National Academies of Sciences, Engineering, and Medicine (NASEM). February 27, 2023. (virtual meeting)
- Ge, Y.** (session chair) (2022). W3-E Risk governance and community resilience. 2022 The Society for Risk Analysis (SRA) Annual Meeting. December 4-8, 2022, Tampa, FL. (oral presentation session)
- Ge, Y.** (session chair), Zobel, C., Wang, H., & Mostafavi, A. (2022). Humanitarian operations & disaster management: Community resilience: Interdisciplinary and community-engaged research. 53rd Annual Conference of the Decision Sciences Institute (DSI). November 19-21, 2022, Houston, TX. (in-person panel)
- Ge, Y.** (moderator) (2021). Approaches to risk communication. 2021 International Research Committee on Disasters Researchers Meeting. July 14-15. (virtual panel)
- 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 UCF Public Administration Research Conference. March 19, 2021. (virtual panel)
- Ge, Y.** (facilitator) (2020). Infrastructure, buildings and planning roundtable session. Tourism 2030: Building a More Sustainable and Resilient Future. Rosen College of Hospitality Management, UCF. May 14-15, 2020, Orlando, FL. (conference cancelled due to COVID-19)

PEER-REVIEWED PRESENTATIONS

- Ge, Y.** (submitted). Smart, connected, and resilient communities in central Florida. 2024 American Society for Public Administration (ASPA) Annual Conference. April 12-16, 2024, Minneapolis, MN.
- * Iman, S., **Ge, Y.**, Klenow, D. J., Savitt, A., & Murray-Tuite, P. (submitted). Understanding uncertainties surrounding hurricane evacuation decision making. 2024 American Society for Public Administration (ASPA) Annual Conference. April 12-16, 2024, Minneapolis, MN.
- *Phoa, T. B., **Ge, Y.**, Morss, R., & Vigh, J. (accepted). Examining the use of hurricane forecast information for interdependent critical infrastructure systems in Florida Metropolitan areas. 19th Symposium on Societal Applications: Policy, Research and Practice, in the 104th American Meteorological Society (AMS) Annual Meeting. January 28 – February 1, 2024, Baltimore, MD.
- *Iman, S., & **Ge, Y.** (presenter) (2023). Collective action and interorganizational coordination in response to disasters: Understanding the role of public-private partnerships in emergency management. 2023 Association for Public Policy Analysis and Management (APPAM) Fall Research Conference. November 9-11, 2023, Atlanta, GA.
- * Iman, S., **Ge, Y.**, Klenow, D. J., Savitt, A., & Murray-Tuite, P. (2023). Exploring the dynamics of emergency managers' decision-making process during hurricanes. 2023 Northeast Conference on Public Administration (NECoPA). November 2-3, 2022. (virtual conference)
- * Iman, S., **Ge, Y.**, Klenow, D. J., Savitt, A., & Murray-Tuite, P. (2023). A closer look into hurricane evacuation decision making: A case study of Florida county emergency managers. 48th Annual Natural Hazards Research & Applications Workshop, Researchers Meeting. July 12-13, 2023, Broomfield, CO.
- Ge, Y.**, Phoa, T. B., & Morss, R. (2023). Science-Practice Partnerships for Hurricane Forecast Use in Enhancing Critical Infrastructure Resilience in Florida. 48th Annual Natural Hazards Research & Applications Workshop, Researchers Meeting. July 12-13, 2023, Broomfield, CO.
- Stevens, K. A., & **Ge, Y.** (presenter) (2023). Reimagining urban resilience and education hubs using a community-engaged, equity-centered approach. Public Administration Theory Network 2023 Conference. June 8-11, 2023, Portland, OR.

- ⁺ Pamukcu, D., Zobel, C., & **Ge, Y.** (2023). Prioritization of disaster-related requests in an IT-enabled public service system. 20th Annual Conference on Information Systems for Crisis Response and Management (ISCRAM 2022). May 27-31, 2023, Omaha, NE.
- Ge, Y.**, ^{*}Iman, S., Zobel, C., & Szmerekovsky, J. (2023). Managing emergency operations by public-private partnerships: A pilot study of Seminole HEART. 33rd Production and Operations Management Society (POMS) Annual Conference. May 21-25, 2023, Orlando, FL.
- Ge, Y.** (2023). [Managing emergency operations by public-private partnerships](#). UCF Seed Funding Research Forum. March 29-30, 2023. (virtual conference)
- Ge, Y.**, [†]Martín, Y., ^{*}Iman, S. (presenter), & Lim, S.H. (2023). Understanding perceived economic value of the satellite enhanced snowmelt flood predictions. 2023 American Society for Public Administration (ASPA) Annual Conference. March 20-24, 2023. (virtual conference)
- Kapucu, N., ⁺ Okhai, R., **Ge, Y.**, & Zobel, C. W. (2023). The use of documentary data for network analysis in emergency and crisis management. 2023 American Society for Public Administration (ASPA) Annual Conference. March 20-24, 2023. (virtual conference)
- ^{*}Iman, S., & **Ge, Y.** (presenter) (2023). The role of public-private partnerships in emergency management: A survey of emergency managers and practitioners in Florida. 17th Annual Public Administration Research Conference. March 10, 2023. School of Public Administration, UCF.
- ⁺ Noor, N., Hasan, S., ⁺ Okhai, R., Kapucu, N., & **Ge, Y.** (2023). Assessing social media-based crisis communication of local agencies during Hurricane Irma. 17th Annual Public Administration Research Conference. March 10, 2023. School of Public Administration, UCF.
- ⁺ Noor, N., Hasan, S., ⁺ Okhai, R., Kapucu, N., & **Ge, Y.** (2023). Social media-based crisis communication: Assessing the engagement activities of local agencies in Twitter during Hurricane Irma. 102nd Transportation Research Board (TRB) Annual Meeting. January 8-12, 2023, Washington, DC.
- Ge, Y.** (2022). An interdisciplinary and community-engaged approach to community resilience research. 2022 The Society for Risk Analysis (SRA) Annual Meeting. December 4-8, 2022, Tampa, FL.
- ^{*} Iman, S., & **Ge, Y.** (2022). Evaluating the role of public-private partnerships in emergency management: A survey of emergency managers and operators in the State of Florida. 2022 Northeastern Conference on Public Administration (NECoPA). November 4-5, 2022. (virtual conference)
- ⁺ Pamuksu, D., Zobel, C., & **Ge, Y.** (2022). Supporting decision-making during disasters with 311 non-emergency eGovernment systems. 2022 INFORMS Annual Meeting. October 16-19, 2022, Indianapolis, IN.
- ^{*} Iman, S., & **Ge, Y.** (2022). The outcomes of emergency management public-private-nonprofit partnerships from the perception of emergency managers and operators in the State of Florida. 2022 Southeastern Conference for Public Administration (SECoPA). September 29-October 2, 2022, Lexington, KY. (travel cancelled due to Hurricane Ian).
- ^{*} Iman, S., & **Ge, Y.** (2022). Organizational resilience enhanced by emergency management public-private partnerships. 2022 International Research Committee on Disasters Researchers Meeting. July 13-14, 2022. (virtual conference)
- Hasan, S., ⁺ Noor, N., & **Ge, Y.** (2022). Social media-based crisis communication leveraging virtual partnerships among local agencies. 2022 International Research Committee on Disasters Researchers Meeting. July 13-14, 2022. (virtual conference)
- Xu, M., Tang, L., & **Ge, Y.** (2022). Interdisciplinary research in graduate education and training: A preliminary analysis of NSF interdisciplinary grants. United Negro College Fund (UNCF) and *Excelencia* in Education, Leveraging Big Data to Achieve Equity Training Program. June 3, 2022. (virtual conference)
- Kapucu, N., ⁺ Okhai, R., **Ge, Y.**, & Zobel, C. W. (2022). The use of documents for creating, analyzing, and visualizing data for network scholarship. 2022 Public Management Research Conference (PMRC). May 25-28, 2022, Phoenix,

AZ.

- + Pamuksu, D., Zobel, C., & **Ge, Y.** (2022). A DEA-based approach for managing performance of public service systems during a disaster. 19th Annual Conference on Information Systems for Crisis Response and Management (ISCRAM 2022). May 22-25, 2022, Tarbes, France.
- Ge, Y.**, Zobel, C., & Szmerekovsky, J. (2022). Life-essential supplies pre-positioning and distribution (LETS-PPD): Examining partnerships in emergency operations. 32nd Production and Operations Management Society (POMS) Annual Conference. April 21-25. (virtual conference)
- + Pamuksu, D., Zobel, C., & **Ge, Y.** (2022). Maintaining public service efficiency and equality during disasters: A DEA based Goal Programming modeling approach. 32nd Production and Operations Management Society (POMS) Annual Conference. April 21-25. (virtual conference)
- * Iman, S., & **Ge, Y.** (presenter). (2022). Evaluating public-private partnerships in emergency management: A survey of emergency managers and operators in Florida. 2022 American Society for Public Administration (ASPA) Annual Conference. March 18-22, Jacksonville, FL.
- Kapucu, N., + Okhai, R., **Ge, Y.**, & Zobel, C. W. (2022). The use of documents for creating, analyzing, and visualization network data in emergency management. 2022 American Society for Public Administration (ASPA) Annual Conference. March 18-22, Jacksonville, FL.
- Ge, Y.**, Kapucu, N., Zobel, C. W., Hasan, S., Hall, J. L., Wang, H., Wang, L., †Martín, Y., & Cechowski, M. (2022). Community resilience through cross-sector partnerships and networks: An interdisciplinary approach. February 14-17, 2022. (virtual workshop upon proposal acceptance for a special issue call on the Nexus between Emergency Management, Public Health, and Equity: Responding to Crises, and Mitigating Future Hazards in the journal, *Public Administration Review* [IF: 8.144] [HI: 149])
- 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. 31st 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 (ASPA) 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 (AAG). (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 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 (ICRCC), 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 (NWA) 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 (ACSP), 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 (ACSP), 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 (ACSP), Crystal City, VA.

PEER-REVIEWED POSTERS

- Stevens, K., **Ge, Y.**, Marsh, L. T., Qu, Z., Wang, L., Emrich, C., Davis, K., Concha, M., Hess, M., & Lahiff, I. (2023). CIVIC-FA Track A: Reimagining urban resilience and education hubs using a community-engaged, equity-centered approach. Civic Innovation Challenge (CIVIC) Stage 2 Kick-off Event, NSF Headquarters, Alexandria, VA.
- *Iman, S., & **Ge, Y.** (2023). Understanding the role of public-private partnerships in emergency management. 48th Annual Natural Hazards Research & Applications Workshop, Broomfield, CO.
- *Iman, S., & **Ge, Y.** (2023). The role of public-private partnerships in emergency management: A survey of emergency managers and practitioners in Florida. NSF Program Directors' Workshop at UCF, Orlando, FL.
- + Noor, N., Hasan, S., + Okhai, R., Kapucu, N., & **Ge, Y.** (2023). Assessing social media-based crisis communication of local agencies during Hurricane Irma. NSF Program Directors' Workshop at UCF, Orlando, FL.
- *Iman, S., & **Ge, Y.** (presenter) (2023). The role of public-private partnerships in emergency management: A survey of emergency managers and practitioners in Florida. 17th UCF Annual Public Administration Research Conference, Orlando, FL.
- + Noor, N., Hasan, S., + Okhai, R., Kapucu, N., & **Ge, Y.** (2023). Assessing social media-based crisis communication of local agencies during Hurricane Irma. 17th UCF Annual Public Administration Research Conference, Orlando, FL.
- Ge, Y.** (2022). Leveraging smart technologies and managing community resilience through networked communities and cross-sector partnerships. 2022 NSF Smart & Connected Communities Principal Investigators' Meeting, Arlington, VA.
- + Verma, R., Shen, J., Murray-Tuite, P., Lee, S., **Ge, Y.**, & Ukkusuri, S. V. (2022). How hurricane evacuation dynamic decision-making progresses with information seeking behavior. 101st Transportation Review Board (TRB) Annual Meeting, Washington, DC.
- + 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 & Applications 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 (TRB) 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 (TRB) 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 & Applications 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 (TRB) 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 (AGU) 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 & Applications Workshop, Broomfield, CO.
- Yan, J. & **Ge, Y.** (2016). Path optimization of relief supplies delivery in unconventional emergencies. 41st Annual Natural Hazards Research & Applications 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 & Applications 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 & Applications 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 & Applications 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 (Sp23, Sp22, Sp21)

Course code was changed to PAD6077 (Sp24)

*PAD6357: Urban Resilience (Fa23, Fa22, Fa21, Fa20, Sp20) [an elective in the Sustainable and Resilient Energy Systems Graduate Certificate Program]

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 (Sp21, Fa20)

PAF7980: Doctoral Dissertation (Su 23, Sp23, Fa22, Su22, Sp22, 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

* Yago received the *2021 Marie Skłodowska-Curie Actions (MSCA) Postdoctoral Fellowship*, a highly prestigious postdoctoral program across all disciplines funded by the European Commission. He is conducting a research project as a Marie Curie Fellow, entitled “U-ADAPT! Adaptation to extreme heat events in urban areas of the European Union”.

* Job placement: Postdoctoral Investigator, Department of Geography, History and Philosophy, Universidad Pablo de Olavide, Spain

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 2023)

* Sara received the *2022 American Society for Public Administration (ASPA) 's Section on Emergency and Crisis Management (SECM) Dissertation Award*.

* Job placement: Assistant Professor, Department of Security Studies, University of New Hampshire

Member, Hasan Isgandar, Ph.D. Public Affairs (May 2024, expected)

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

* Job placement: Assistant Professor, School of Public Affairs, University of South Florida

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

NDSU

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

* Job placement: Emergency Management Analyst, Argonne National Laboratory

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

University of Miami

Member and **Internship Supervisor**, Theresia Bernadette Phoa, Master of Professional Science, Climate and Society Track (December 2023, expected)

UCF

Member, Naiyara Noor, M.S., Smart Cities (May 2023)

* Job placement: Traffic Analyst, Traffic & Mobility Consultants, LLC

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)

* Job placement: Research Specialist, North Dakota Agricultural Weather Network

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

Katherine Wilson McCoy, Ph.D., Public Affairs (2023-present, RA)
Theresia Bernadette Phoa, M.P.S., Climate and Society Track (2023-present, RA)
Sara Iman, Ph.D., Public Affairs (2018-2023, RA/TA)
Liliana Pascuzzi, M.P.A. (Spring 2022, RA)
Lauren Gros, Master of Emergency and Crisis Management (Fall 2021, RA)
* Job placement: Policy Analyst, Subcommittee on Economic Development, Public Building, & Emergency Management, U.S. House of Representatives Transportation and Infrastructure Committee
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, 2019-2022
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

Invited Team Member. Local Technology Planning Team, Orange County Office of Broadband. 2022-present
Invited Community Partner. Orlando Federal Funding Workshop. February 28, 2022, Orlando City Hall.
Core Team Member. [County-Wide Disaster Resilience Plan](#). Technical assistance grant (non-monetary) awarded to Orange County, Florida. 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 City Hall.

UNIVERSITY SERVICE

UCF

Faculty Representative, Research Council, UCF Faculty Senate, 2023-2026
FCI Faculty Fellow – Cluster Collaboration and Performance Metrics. Faculty Cluster Initiative (FCI), UCF Office of Research, 2023-2024
Joint Faculty, [Resilience, Intelligent and Sustainable Energy Systems \(RISES\)](#) Faculty Cluster, 2021-present
Member, UCF Sustainability Planning Committee, Academics Subcommittee, 2021-2022
Invited Participant, UCF Research Review – Junior Faculty Focus Group, Office of Research, 2021
UCF Fellow, [Center for Global Economic and Environmental Opportunities \(GEEO\)](#), 2020-present

Member, Master of Sustainable Development Program Committee, 2020

UCF Partner, [Puerto Rico Research Hub](#), 2019-present

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

UCF College of Community Innovation and Education (CCIE)

Chair, CCIE Excellence in Research Award Selection Committee, 2023-2024

Member, CCIE Strategic Planning Implementation Team, 2023-2024

Member, CCIE Research Council, 2021-present

Member, CCIE Scholarship Committee, 2019-2023

Member, CCIE International Faculty Group, 2018-present

UCF School of Public Administration (SPA)

Chair, Emergency Management Lecturer/Instructor Search Committee, 2023

Member, PSRW Public Service Leadership Award Committee, 2023

Member, Academic Advisor Search Committee, 2022

Member, SPA Retreat Planning Committee, 2022, 2023

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

Member, SPA Strategic Planning Executive Committee, 2021-present

Member, SPA Awards Development Committee, 2021

Chair, SPA Scholarship Committee, 2019-2023

Faculty Advisor, Emergency Management Student Association, 2019-2022

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, 1 ad hoc proposal review, 2023

National Science Foundation, 2 virtual review panels, 2021

UCF Office of Research, Seed Funding Program, 1 ad hoc proposal review, 2019

Book Proposals

Routledge, 2018

Elsevier Education, 2018

John Wiley & Sons, 2015

Manuscripts for Journals, Workshops, and Conference Proceedings

The 20th Annual Conference on Information Systems for Crisis Response and Management (ISCRAM 2023), 2023
25th Emergency Management Higher Education Symposium, Scholarship of Teaching & Learning Track, 1 proposal, 2023

Public Administration Review, “The nexus between emergency management, public health, and equity: Responding to crisis, and mitigating future hazards” Special Issue Virtual Symposium, 3 research articles, 2022

Journal of Planning Education and Research (JPER) Writing Workshop for New Scholars, 2022

Bulletin of the American Meteorological Society, 2022, 2021

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)

Information Systems for Crisis Response and Management (ISCRAM)

Decision Sciences Institute (DSI)

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

External

United Negro College Fund (UNCF)’s Institute for Capacity Building, *Excelencia* in Education, and Coleridge Initiative, “Leveraging Big Data to Achieve Equity”, an applied data analytics training program funded by the Bill and Melinda Gates Foundation, 2022

UCF

Office of Research and Graduate Studies, “Let’s Talk about NIH! 2-Day Virtual Workshop”, 2022

Office of Research and Graduate Studies, “NSF Research Traineeship (NRT) Program Virtual Workshop”, 2021

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)